

PRODUCT LIST 2025

valid from 01.01.2025

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stop valve, flanged, figure 135 01

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free shaft sealing with self-lubricating EPDM lip gasket, replaceable under pressure up to DN 80, EPDM-seat gasket, cone rotatable, protected against water hammer, flange connection, without drain port (drain valve cannot be added), spindle thread not in contact with medium, with a black handwheel, free from dead spots, Open position indicator, DVGW approval up to DN 80, WRAS approval, KIWA approval up to DN 100, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213/DIN EN 558-1, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	length (mm)	shipping weight (kg)	
1350102500	25	160	2.78	
1350103200	32	180	4.07	
1350104000	40	200	5.59	
1350105000	50	230	6.44	
1350106500	65	290	9.80	
1350108000	80	310	12.15	
1350110000	100	350	19.25	

accessories	page
flanges, gasket and bolts	from 96



stop valve, with drain valve, flanged, figure 135 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free shaft sealing with self-lubricating EPDM lip gasket, replaceable under pressure up to DN 80, EPDM-seat gasket, cone rotatable, protected against water hammer, flange connection, with sidewise drain valve, rotatable hose connection element G 3/4, spindle thread not in contact with medium, with a black handwheel, free from dead spots, Open position indicator, DVGW approval up to DN 80, WRAS approval, KIWA approval up to DN 100, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213/DIN EN 558-1, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	length (mm)	shipping weight (kg)	
1350202500	25	160	2.86	
1350203200	32	180	4.20	
1350204000	40	200	5.05	
1350205000	50	230	6.56	
1350206500	65	290	9.88	
1350208000	80	310	12.21	
1350210000	100	350	19.33	
1350212500	125	400	35.52	
1350215000	150	480	51.00	

accessories	page
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
flanges, gasket and bolts	from 96

WESER stop valve, with plugged drain port, union thread, figure 173 2G



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, male union thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, wear-resistant valve seat made of stainless steel up to DN 50, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1732G01500	15	G 3/4	70	0.40	
1732G02000	20	G 1	78.5	0.49	
1732G02500	25	G 1 1/4	97	0.82	
1732G03200	32	G 1 1/2	110	1.14	
1732G04000	40	G 1 3/4	130	1.50	
1732G05000	50	G 2 3/8	145	2.35	
1732G06500	65	G 3	190	4.01	
1732G08000	80	G 3 1/2	215	5.28	

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insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
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WESER stop valve, with plugged drain port, FPT, figure 190 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, female pipe thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1900201500	15	Rp 1/2	65	0.43	
1900202000	20	Rp 3/4	75	0.54	
1900202500	25	Rp 1	90	0.85	
1900203200	32	Rp 1 1/4	110	1.21	
1900204000	40	Rp 1 1/2	120	1.50	
1900205000	50	Rp 2	150	2.41	

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insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



WESER stop valve, FPT, figure 190 00

for use before the domestic water meter, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, female pipe thread, without drain port (drain valve cannot be added), spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1900001500	15	Rp 1/2	65	0.42	
1900002000	20	Rp 3/4	75	0.52	
1900002500	25	Rp 1	90	0.85	
1900003200	32	Rp 1 1/4	110	1.21	
1900004000	40	Rp 1 1/2	120	1.50	
1900005000	50	Rp 2	150	2.40	

accessories	page
insulation shell for inclined stop valves, figure 471 10	102

WESER stop valve, with plugged drain port, MAPRESS, figure 190 22



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, press connection for Geberit MAPRESS pipe, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
1902201500	15	15	94	0.43	
1902201800	15	18	95	0.44	
1902202000	20	22	109	0.54	
1902202500	25	28	129.5	0.82	
1902203200	32	35	151	1.25	
1902204000	40	42	178	1.62	
1902205000	50	54	214	2.33	

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gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110

WESER stop valve, with plugged drain port, MEPLA, figure 190 40

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, press connection for Geberit MEPLA pipe, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	da x s (mm)	length (mm)	shipping weight (kg)	
1904001600	15	16 x 2.25	122	0.40	
1904002000	15	20 x 2.5	126.5	0.42	
1904002600	20	26 x 3.0	146.5	0.55	
1904003200	25	32 x 3.0	154	0.86	
1904004000	32	40 x 3.5	185.5	1.31	
1904005000	40	50 x 4.0	196	1.75	

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drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110

WESER stop valve, with drain plug, FlowFit, figure 190 50



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, press connection for Geberit FlowFit multilayer composite pipe, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1213, pressure rating PN 10, max. operating temperature 110 °C

part no.	DN	da x s (mm)	length (mm)	shipping weight (kg)	
1905001600	15	16 x 2,0	134	0.44	
1905002000	15	20 x 2,0	134	0.47	
1905002500	20	25 x 2,5	148	0.60	
1905003200	25	32 x 2,8	167	0.92	
1905004000	32	40 x 3,0	187	1.38	
1905005000	40	50 x 3,8	242	2.18	

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drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



WESER stop valve, with plugged drain port, SANPRESS/PROFIPRESS, figure 190 30

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, 10 year warranty, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, press connection for Viega SANPRESS SST pipe and PROFIPRESS copper pipe, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
1903001500	15	15	129	0.53	
1903001800	15	18	127	0.53	
1903002000	20	22	146.5	0.70	
1903002500	25	28	172.5	1.08	
1903003200	32	35	200.5	1.61	
1903004000	40	42	228.5	2.05	
1903005000	50	54	275	3.44	

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ACCESSORIES

ECO stop valve, with plugged drain port, union thread, figure 170 2G



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, spindle with O-ring, EPDM-seat gasket, gunmetal cone, male union thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, with green handwheel, free from dead spots, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, VA approval, plastic parts with KTW approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1702G01500	15	G 3/4	70	0.31	
1702G02000	20	G 1	78.5	0.45	
1702G02500	25	G 1 1/4	97	0.77	
1702G03200	32	G 1 1/2	110	1.11	
1702G04000	40	G 1 3/4	130	1.50	
1702G05000	50	G 2 3/8	145	2.26	

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extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
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wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, spindle with O-ring, EPDM-seat gasket, gunmetal cone, female pipe thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, with green handwheel, free from dead spots, DVGW approval, ÖVGW approval, WRAS approval, VA approval, plastic parts with KTW approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1710201500	15	Rp 1/2	65	0.33	
1710202000	20	Rp 3/4	75	0.46	
1710202500	25	Rp 1	90	0.81	
1710203200	32	Rp 1 1/4	110	1.22	
1710204000	40	Rp 1 1/2	120	1.54	
1710205000	50	Rp 2	150	2.50	

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axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110

ECO stop valve, with plugged drain port, MAPRESS, figure 171 22



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, spindle with O-ring, EPDM-seat gasket, gunmetal cone, press connection for Geberit MAPRESS pipe, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, with green handwheel, free from dead spots, DVGW approval, ÖVGW approval, VA approval, plastic parts with KTW approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
1712201500	15	15	113	0.42	
1712201800	15	18	115	0.44	
1712202000	20	22	129	0.61	
1712202500	25	28	149	1.00	
1712203200	32	35	175	1.54	
1712204000	40	42	204	1.99	
1712205000	50	54	237.5	3.16	

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axial drain valve and immersion sleeve, figure J7109 150 00	105	
Pt 1000 temperature sensor, figure T5100 140 00	110	
dial thermometer, figure T5100 150 00	110	



ECO stop valve, with plugged drain port, SANPRESS/PROFIPRESS, figure 171 30

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, spindle with O-ring, EPDM-seat gasket, gunmetal cone, press connection for Viega SANPRESS SST pipe and PROFIPRESS copper pipe, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, with green handwheel, free from dead spots, DVGW approval, ÖVGW approval, VA approval, plastic parts with KTW approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
1713001500	15	15	129	0.42	
1713001800	15	18	127	0.44	
1713002000	20	22	149	0.63	
1713002500	25	28	172	1.05	
1713003200	32	35	202	1.63	
1713004000	40	42	232.5	2.09	
1713005000	50	54	273	3.55	

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axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110

STANDARD stop valve, with plugged drain port, union thread, figure 174 2G



gunmetal housing, brass bonnet, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, male union thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, with green handwheel, free from dead spots, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1742G01500	15	G 3/4	70	0.37	
1742G02000	20	G 1	78.5	0.48	
1742G02500	25	G 1 1/4	97	0.79	
1742G03200	32	G 1 1/2	110	1.11	
1742G04000	40	G 1 3/4	130	1.47	
1742G05000	50	G 2 3/8	145	2.39	

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STANDARD stop valve, with plugged drain port, FPT, figure 191 02

gunmetal housing, brass bonnet, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, female pipe thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, spindle thread not in contact with medium, EPDM-seat gasket, with green handwheel, free from dead spots, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1910201500	15	Rp 1/2	65	0.39	
1910202000	20	Rp 3/4	75	0.51	
1910202500	25	Rp 1	90	0.81	
1910203200	32	Rp 1 1/4	110	1.20	
1910204000	40	Rp 1 1/2	120	1.53	
1910205000	50	Rp 2	150	2.43	

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drain valve made of gunmetal/plastic, figure J7109 173 00	105
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extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



quarter turn stop valve, union thread, figure 386 0G

low pressure loss, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, full bore, male union thread, removable inner top part TOP-ENTRY, with EPDM gasket body and gunmetal ball, operating handle 90° rotatable, free from dead spots, DVGW approval, WRAS approval, KIWA UK water regulation 4 approval, plastic parts with KTW and W 270 approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
3860G01500	15	G 3/4	68	0.43	
3860G02000	20	G 1	73	0.50	
3860G02500	25	G 1 1/4	88	0.76	
3860G03200	32	G 1 1/2	93	0.95	

accessories	page
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
union connections	from 98



quarter turn stop valve, FPT, figure 385 00

low pressure loss, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, full bore, female pipe thread, removable inner top part TOP-ENTRY, with EPDM gasket body and gunmetal ball, operating handle 90° rotatable, free from dead spots, DVGW approval, WRAS approval, KIWA UK water regulation 4 approval, plastic parts with KTW and W 270 approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
3850001500	15	Rp 1/2	84	0.51	
3850002000	20	Rp 3/4	90	0.59	
3850002500	25	Rp 1	99	0.83	

accessories	page
insulation shall for quarter turn stop valves and CONTROL_PLUS consors, figure 471.10	103

SST stop valve, union thread, figure 073 0G



wetted parts made of stainless steel, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, male union thread, without drain port (drain valve cannot be added), spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
0730G01500	15	G 3/4	70	0.39	
0730G02000	20	G 1	78.5	0.54	
0730G02500	25	G 1 1/4	97	0.90	
0730G03200	32	G 1 1/2	110	1.16	
0730G04000	40	G 1 3/4	130	1.71	
0730G05000	50	G 2 3/8	145	2.59	

accessories	page
insulation shell for inclined stop valves, figure 471 10	102
union connections	from 98

SST stop valve, union thread, with drain valve, figure 073 1G

wetted parts made of stainless steel, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, male union thread, with sidewise drain valve, rotatable hose connection element G 3/4, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
0731G01500	15	G 3/4	70	0.47	
0731G02000	20	G 1	78.5	0.59	
0731G02500	25	G 1 1/4	97	0.96	
0731G03200	32	G 1 1/2	110	1.22	
0731G04000	40	G 1 3/4	130	1.62	
0731G05000	50	G 2 3/8	145	2.64	

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insulation shell for inclined stop valves, figure 471 10	102
SST sampling valve, figure 087 00	53
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SST stop valve, MAPRESS, figure 073 00

wetted parts made of stainless steel, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, press connection Geberit MAPRESS, without drain port (drain valve cannot be added), spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, SVGW approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
0730001500	15	15	112	0.41	
0730002000	20	22	125	0.52	
0730002500	25	28	146	0.86	
0730003200	32	35	167	1.19	
0730004000	40	42	189	1.75	
0730005000	50	54	222	2.81	

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insulation shell for inclined stop valves, figure 471 10	102



SST stop valve; MAPRESS, with drain valve, figure 073 01

wetted parts made of stainless steel, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, press connection Geberit MAPRESS, with sidewise drain valve, rotatable hose connection element G 3/4, spindle thread not in contact with medium, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, DVGW approval, SVGW approval, KIWA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
0730101500	15	15	112	0.48	
0730102000	20	22	125	0.61	
0730102500	25	28	146	0.91	
0730103200	32	35	167	1.28	
0730104000	40	42	189	1.81	
0730105000	50	54	222	2.89	

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insulation shell for inclined stop valves, figure 471 10	102
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ACCESSORIES

antipollution check valve, with plugged drain port, union thread, figure 158 1G

particularly suitable for hot water circulation systems due to very low opening pressure, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, male union thread, with plugged drain port, with test port, controllable check cartridge, free from dead spots, for any installation position, DVGW approval, ÖVGW approval, SVGW approval, KIWA approval, BELGAQUA approval, plastic parts with KTW and W 270 approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13959, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, max. operating temperature 65 °C, short-term peak temperature 90 °C

part no.	DN	connection	length (mm)	opening pressure (hPa)	shipping weight (kg)	
1581G01500	15	G 3/4	70	10	0.19	
1581G02000	20	G 1	80	10	0.27	
1581G02500	25	G 1 1/4	82	10	0.42	
1581G03200	32	G 1 1/2	87	10	0.47	
1581G04000	40	G 1 3/4	95	10	0.63	
1581G05000	50	G 2 3/8	115	10	1.03	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
union connections	from 98

antipollution check valve, FPT, with plugged drain port, figure 195 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, female pipe thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, with test port, check valve with SST spring, EPDM-seat gasket, wear-resistant stainless steel valve seat, free from dead spots, for any installation position, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, acc. to DIN EN 13959 provisions, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1950201500	15	Rp 1/2	65	0.34	
1950202000	20	Rp 3/4	75	0.46	
1950202500	25	Rp 1	90	0.73	
1950203200	32	Rp 1 1/4	110	1.04	
1950204000	40	Rp 1 1/2	120	1.36	
1950205000	50	Rp 2	150	2.15	

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drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



combined stop and antipollution check valve, with drain valve, figure 137 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, flange connection, with sidewise drain valve, rotatable hose connection element G 3/4, with test port, check valve with SST spring, with a black handwheel, free from dead spots, for any installation position, with shut-off function, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, acc. to DIN EN 13959 provisions/DIN EN 558-1, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	length (mm)	shipping weight (kg)	
1370205000	50	230	6.53	
1370206500	65	290	11.17	
1370208000	80	310	12.86	
1370210000	100	350	19.10	

accessories	page
gunmetal sampling valve, figure 187 00	53
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combined stop and antipollution check valve, union thread, with plugged drain port, figure 145 2G

particularly suitable for hot water circulation systems due to very low opening pressure, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, male union thread, with plugged drain port, with test port, spindle thread not in contact with medium, controllable check cartridge, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, for any installation position, with isolating function for maintenance, Open position indicator, DVGW approval, SVGW approval, KIWA approval, BELGAQUA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13959, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, max. operating temperature 65 °C, short-term peak temperature 90 °C

part no.	DN	connection	length (mm)	opening pressure (hPa)	shipping weight (kg)	
1452G01500	15	G 3/4	82	10	0.43	
1452G02000	20	G 1	97	10	0.58	
1452G02500	25	G 1 1/4	112	10	0.92	
1452G03200	32	G 1 1/2	131	10	1.33	
1452G04000	40	G 1 3/4	148	10	1.65	
1452G05000	50	G 2 3/8	174	10	2.51	

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axial drain valve made of gunmetal, figure J7109 170 00	105
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
union connections	from 98

Fluid category 2 backflow prevention





combined stop and antipollution check valve, with plugged drain port, union thread, figure 160 2G

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, male union thread, with plugged drain port, with test port, check valve with SST spring, with a black handwheel, free from dead spots, for any installation position, with isolating function for maintenance, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, acc. to DIN EN 13959 provisions, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1602G06500	65	G 3	190	4.49	
1602G08000	80	G 3 1/2	215	5.95	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
gunmetal sampling valve, figure 187 00	53
union connections	from 98



combined stop and antipollution check valve, with plugged drain port, FPT, figure 193 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, female pipe thread, with plugged drain port, Pt1000 temperature sensor or thermometer can be added using immersion sleeve, with test port, check valve with SST spring, EPDM-seat gasket, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, for any installation position, with isolating function for maintenance, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, acc. to DIN EN 13959 provisions, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1930201500	15	Rp 1/2	65	0.45	
1930202000	20	Rp 3/4	75	0.60	
1930202500	25	Rp 1	90	0.95	
1930203200	32	Rp 1 1/4	110	1.26	
1930204000	40	Rp 1 1/2	120	1.59	
1930205000	50	Rp 2	150	2.43	

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drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for inclined stop valves, figure 471 10	102
gunmetal sampling valve, figure 187 00	53
extension element for drain valve DN 8, figure J6109 473 00	105
axial drain valve and immersion sleeve, figure J7109 150 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



SST combined stop and anti pollution check valve, union thread, with drain valve, figure 060 1G

wetted parts made of stainless steel, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, male union thread, with sidewise drain valve, rotatable hose connection element G 3/4, with test port, check valve with SST spring, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, Open position indicator, for any installation position, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, acc. to DIN EN 13959 provisions, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
0601G01500	15	G 3/4	70	0.52	
0601G02000	20	G 1	78.5	0.66	
0601G02500	25	G 1 1/4	97	1.08	
0601G03200	32	G 1 1/2	110	1.32	
0601G04000	40	G 1 3/4	130	1.99	
0601G05000	50	G 2 3/8	145	2.50	

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insulation shell for inclined stop valves, figure 471 10	102
SST sampling valve, figure 087 00	53
union connections	from 98





SST combined stop and antipollution check valve, MAPRESS, with drain valve, figure 060 01

wetted parts made of stainless steel, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, press connection Geberit MAPRESS, with sidewise drain valve, rotatable hose connection element G 3/4, with test port, check valve with SST spring, wear-resistant stainless steel valve seat, with a black handwheel, free from dead spots, for any installation position, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, acc. to DIN EN 13959 provisions, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
0600101500	15	15	112	0.51	
0600102000	20	22	125	0.69	
0600102500	25	28	146	1.01	
0600103200	32	35	167	1.43	
0600104000	40	42	189	2.13	
0600105000	50	54	222	3.08	

accessories	page
insulation shell for inclined stop valves, figure 471 10	102
SST sampling valve, figure 087 00	53

Fluid category 3 backflow prevention





backflow preventer, type CA, figure 362 2G

to protect drinking water against backflow of fluids up to and including category 3 according DIN 1988-100, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with stainless steel mesh at inlet, maintenance-free backup cartridge, with non-controllable pressure zone, male union thread, drain connection of plastic and gunmetal according to DIN EN 1717, inlet and outlet with check cartridge, free from dead spots, for horizontal installation, drain valve down, DVGW approval, KIWA approval, BELGAQUA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 14367/EN 1717, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, max. operating temperature 60 °C, shortterm peak temperature 65 °C,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	drain connection (mm)	length (mm)	shipping weight (kg)	
3622G01500	15	G 3/4	40	79.5	0.65	
3622G02000	20	G 1	40	79.5	0.66	

accessories	page
union connections	from QQ



PROTECT RPZ backflow preventer, type BA, flanged, figure 361 01

to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, wetted parts made of stainless steel, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, flange connection, with three assembled valves, drain pipe connection from stainless steel HT 150, inlet and outlet with check cartridge, free from dead spots, for horizontal installation, drain valve down, DVGW approval, according to accepted materials list from German environmental agency, DIN 2576/acc. to EN 12729/EN 1717, pressure rating PN 10, max. operating temperature 60 °C, min. primary pressure 0.15 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	drain connection (mm)	length (mm)	shipping weight (kg)	
3610106500	65	146	559	32.00	
3610108000	80	146	559	32.50	
3610110000	100	146	559	33.00	
3610115000	150	146	695	57.00	

accessories	page
differential pressure measurement set, figure 360 99	106
flanges, gasket and bolts	from 96



PROTECT RPZ backflow preventer, type BA, union thread, figure 360 0G

to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with stainless steel mesh at inlet, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, male union thread, with three assembled valves, drain connection of plastic and gunmetal according to DIN EN 1717, inlet and outlet with check cartridge, free from dead spots, for horizontal installation, DVGW approval, ÖVGW approval, SVGW approval up to DN 40, KIWA approval, BELGAQUA approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 20 sound protection class 1 up to DN 20 acc. DIN EN ISO 3822 (DN 25 & DN 32 Cl. 2), DIN EN 12729 (DN 50 with flow values according to DVGW W 570)/EN 1717, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, max. operating temperature 60 °C, short-term peak temperature 65 °C,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	drain connection (mm)	length (mm)	shipping weight (kg)	
3600G01500	15	G 3/4	50	135	1.60	
3600G02000	20	G 1	50	140	1.76	
3600G02500	25	G 1 1/4	50	168	2.32	
3600G03200	32	G 1 1/2	50	180	2.56	
3600G04000	40	G 1 3/4	50	226	5.64	
3600G05000	50	G 2 3/8	50	230	5.42	

accessories	page
differential pressure measurement set, figure 360 99	106
union connections	from 98

Fluid category 4 backflow prevention





FK-4 RPZ backflow preventer outlet type BA, figure 367 01

to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, inlet male pipe thread, suitable for connection to the elbow wallplates, gunmetal cone, EPDM-seat gasket, with stainless steel mesh at inlet, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, test ports for connection of test valves for maintenance, plastic drain connection according EN 1717, with actuating grip, free from dead spots, for horizontal installation, drain valve down, with isolating function for maintenance, outlet with male thread acc. ISO 228 for hose connection, DVGW approval, KIWA approval, BELGAQUA approval, VA approval, plastic parts with KTW and W 270 approval, according to DVGW W 408, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 10226/EN 1717, pressure rating PN 10, max. operating temperature 60 °C, short-term peak temperature 65 °C,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	male thread	drain connection (mm)	length (mm)	shipping weight (kg)	
3670101500	15	R 1/2	50	57.5	1.50	
3670102000	20	R 3/4	50	57.5	1.59	

accessories	page
differential pressure measurement set, figure 360 99	106
locking operating handle for FK-4, figure 367 05 001	106
test valve with union adaptor for inspection of RPZ valves FK-4, figure 367 06	106
test valve set for inspection of RPZ valves FK-4, figure 367 07	106



FK-4 RPZ backflow preventer outlet type BA, figure 367 01 025

to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, suitable for connection to the elbow wallplates, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, inlet male pipe thread, gunmetal cone, EPDM-seat gasket, with stainless steel mesh at inlet, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, test ports for connection of test valves for maintenance, plastic drain connection according EN 1717, with a black handwheel, free from dead spots, for horizontal installation, drain valve down, with isolating function for maintenance, discharge side G 1 1/4 according to ISO 228 for the connection of a hose coupling, Open position indicator, DVGW approval, KIWA approval, BELGAQUA approval, VA approval, plastic parts with KTW and W 270 approval, according to DVGW W 408, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 2, DIN EN 10226/EN 1717, pressure rating PN 10, max. operating temperature 60 °C, short-term peak temperature 65 °C,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	male thread	drain connection (mm)	length (mm)	shipping weight (kg)	
3670102500	25	R 1	50	57.5	1.90	

accessories	page	
differential pressure measurement set, figure 360 99	106	
test valve with union adaptor for inspection of RPZ valves FK-4, figure 367 06	106	
test valve set for inspection of RPZ valves FK-4, figure 367 07	106	



FK-4 RPZ backflow preventer outlet type BA, figure 367 01 050

to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, inlet male pipe thread, EPDM-seat gasket, gunmetal cone, with stainless steel mesh at inlet, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, test ports for connection of test valves for maintenance, plastic drain connection according EN 1717, free from dead spots, for horizontal installation, drain valve down, with isolating function for maintenance, discharge side G 2 according to ISO 228 including alu-C coupling, DVGW approval, KIWA approval, BELGAQUA approval, VA approval, plastic parts with KTW and W 270 approval, according to DVGW W 408, according to accepted materials list from German environmental agency, DIN EN 10226/EN 1717, pressure rating PN 10, max. operating temperature 60 °C, short-term peak temperature 65 °C,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	male thread	drain connection (mm)	length (mm)	shipping weight (kg)	
3670105000	50	R 2	50	73	5.06	

accessories	page
differential pressure measurement set, figure 360 99	106
test valve with union adaptor for inspection of RPZ valves FK-4, figure 367 06	106
test valve set for inspection of RPZ valves FK-4, figure 367 07	106



RPZ backflow preventer outlet for appartments type BA, figure 368 02

for normative refilling of appartment heating installations, to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, suitable for connection to the elbow wallplates, with union adapter and collar for installation in cramped confines, made of brass, nickel plated, EPDM-seat gasket, with stainless steel mesh at inlet, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, test ports for connection of test valves for maintenance, plastic drain connection according EN 1717, free from dead spots, for horizontal installation, drain valve down, with isolating function for maintenance, outlet with male thread acc. ISO 228 for hose connection, DVGW approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, EN 1717, pressure rating PN 10, max. operating temperature 60 °C, short-term peak temperature 65 °C,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
3680201500	10	G 1/2	50	0.92	

accessories	page
differential pressure measurement set, figure 360 99	106
test valve with union adaptor for inspection of RPZ valves FK-4, figure 367 06	106
test valve set for inspection of RPZ valves FK-4, figure 367 07	106

SAMPLING

Fluid category 4 backflow prevention





FILL-MATIC 4 combi filling valve type BA for heating systems, figure 365 0G

to protect drinking water against backflow of fluids up to and including category 4 according DIN EN 1717 / DIN 1988-100, for heating water with inhibitors, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, consisting of shut-off, pressure reducing valve, RPZ backflow preventer Type BA and pressure gauge, with stainless steel mesh at inlet, integrated differential pressure controlled and low-maintenance protection cartridge including CV, with controllable reduced pressure zone, male union thread, drain connection of plastic and gunmetal according to DIN EN 1717, inlet and outlet with check cartridge, free from dead spots, for horizontal installation, drain valve down, incl. manometer for system pressure secondary side, incl. insulation shells, for easy filling of closed heating systems, DVGW approval, BELGAQUA approval, plastic parts with KTW and W 270 approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, building material class B1 according to DIN 4102, DIN EN 1213/EN 1717, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, max. inlet temperature 30 °C, min. primary pressure 0.15 MPa, min. outlet pressure 0.1 MPa, max. outlet pressure 0.4 MPa, factory setting 0.15 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	drain connection (mm)	length (mm)	shipping weight (kg)	
3650G02000	20	G 1	40	186.5	1.70	

accessories	page
differential pressure measurement set, figure 360 99	106
union connections	from 98



FK-5 PRO break tank station, single port, figure 369 30

cover made of EPP, Connection to the pipe by enclosed flex pipe (500mm), control of external immersion and metering pump possible, readout of data, for example operating status, possible using USB interface, operating times can be defined, easy operation using touch screen, Connection to power supply with type F safety plug, Increase in discharge capacity possible through parallel operation , frost protection monitor, low-noise operation, high performance, plastic drain connection according EN 1717, wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics, with coupling nut for flat sealing connection thread including EPDM gasket, Non-drinking water can be integrated (optional), View operating and system data conveniently via BMS connection, normally closed inlet valve, drain overflow monitoring (optional), for the protection of drinking water against non-potable water of fluid category 5 in accordance with DIN EN 1717/DIN 1988-100, for wall mounting or installation on optional rack, Energy-efficient and speed-modulating pump, Flushing the PWC line up to 3 times a day, Cleaning of the storage container (optional) possible, DIN 3546-1, pressure rating PN 10, max. operating temperature 35 °C, min. ambient temperature 2 °C, max. ambient temperature 40 °C, protection class IPX4, power supply 230 V AC, volume of receiver tank 30 I, Flushing volume of PWC line 10 I/min (at 3 bar), power factor 0.98,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with, For more information on parallel operation, please contact your sales representative, aditional country-specific versions on request, Spare parts on request

part no.	DN	connec- tion	drain connection (mm)	max. head (m)	max. flow rate (m³/h)	shipping weight (kg)	PG	#CU#
3693002500	25	G 1 1/4	75	44	3.6	50.00	XX,YY	XX,YY

accessories	page
FK-5 and FK-5 PRO tank cleaning unit, figure 369 02	107
FK-5 and FK-5 PRO rack, figure 369 03	108
FK-5 and FK-5 PRO overflow sensor, figure 369 04	107
FK-5 PRO connection set, figure 369 57 001	108
Y-strainer, figure 602 00	71

Fluid category 5 backflow prevention





FK-5 PRO break tank station, double port, figure 369 31

cover made of EPP, Connection to the pipe by enclosed flex pipe (500mm), control of external immersion and metering pump possible, readout of data, for example operating status, possible using USB interface, operating times can be defined, easy operation using touch screen, Connection to power supply with type F safety plug, Increase in discharge capacity possible through parallel operation, frost protection monitor, low-noise operation, high performance, plastic drain connection according EN 1717, wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics, with coupling nut for flat sealing connection thread including EPDM gasket, Non-drinking water can be integrated (optional), View operating and system data conveniently via BMS connection, normally closed inlet valve, drain overflow monitoring (optional), for the protection of drinking water against non-potable water of fluid category 5 in accordance with DIN EN 1717/DIN 1988-100, for wall mounting or installation on optional rack, Energy-efficient and speed-modulating pump, Flushing the PWC line up to 3 times a day, Cleaning of the storage container (optional) possible, DIN 3546-1, pressure rating PN 10, max. operating temperature 35 °C, min. ambient temperature 2 °C, max. ambient temperature 40 °C, protection class IPX4, power supply 230 V AC, volume of receiver tank 30 I, Flushing volume of PWC line 10 l/min (at 3 bar), power factor 0.98,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with, For more information on parallel operation, please contact your sales representative, aditional country-specific versions on request, Spare parts on request

part no.	DN	connec- tion	drain connection (mm)	max. head (m)	max. flow rate (m³/h)	shipping weight (kg)	PG	#CU#
3693102500	25	G 1 1/4	75	44	6	55.00	XX,YY	XX,YY

accessories	page
FK-5 and FK-5 PRO tank cleaning unit, figure 369 02	107
FK-5 and FK-5 PRO rack, figure 369 03	108
FK-5 and FK-5 PRO overflow sensor, figure 369 04	107
FK-5 PRO connection set, figure 369 57 001	108
Y-strainer, figure 602 00	71



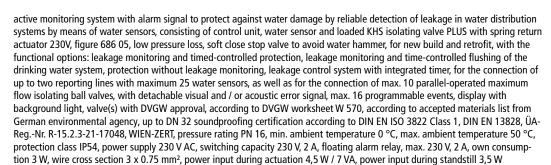
leak detection system with actuator, figure 620 00

active monitoring system with alarm signal to protect against water damage by reliable detection of leakage in water distribution systems by means of water sensors, consisting of control unit, water sensor and KHS isolating valve with servo drive 230 V, figure 686 04, low pressure loss, soft close stop valve to avoid water hammer, for new build and retrofit, with the functional options: leakage monitoring and timed-controlled protection, leakage monitoring and time-controlled flushing of the drinking water system, protection without leakage monitoring, leakage control system with integrated timer, for the connection of up to two reporting lines with maximum 25 water sensors, as well as for the connection of max. 10 parallel-operated maximum flow isolating ball valves, with detachable visual and / or acoustic error signal, max. 16 programmable events, display with background light, valve(s) with DVGW approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, min. ambient temperature 0 °C, max. ambient temperature 50 °C, protection class IP54, power supply 230 V AC, switching capacity 230 V, 2 A, floating alarm relay, max. 230 V, 2 A, own consumption 3 W, wire cross section 3 x 0.75 mm², power input during actuation 2,4 W / 4,5 VA

part no.	DN	connection	shipping weight (kg)	
6200001500	15	G 3/4	2.17	
6200002000	20	G 1	1.96	
6200002500	25	G 1 1/4	2.46	
6200003200	32	G 1 1/2	2.63	

accessories	page
KHS quarter turn stop valve, with 230 V actuator, figure 686 04	87
KHS free drain with overflow sensor, figure 688 00	88
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
water sensor, figure 620 00 001	106
flow limiter, figure 697	88
union connections	from 98

leak detection system with spring return actuator, figure 620 01



part no.	DN	connection	shipping weight (kg)	
6200101500	15	G 3/4	2.77	
6200102000	20	G 1	2.82	
6200102500	25	G 1 1/4	2.94	
6200103200	32	G 1 1/2	3.24	

accessories	page
KHS quarter turn stop valve PLUS, 230 V spring return actuator, figure 686 05	87
KHS free drain with overflow sensor, figure 688 00	88
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
water sensor, figure 620 00 001	106
flow limiter, figure 697	88
union connections	from 98



safety group, response pressure value 0.6 MPa, figure 714 OG

internal parts made of gunmetal, stainless steel and plastic, protection of overpressure in water heaters acc. DIN 1988, with pressure relief valve, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, with a black handwheel, EPDM-seat gasket, male union thread, with test port, telescopic drain connection acc. EN 1718, controllable check cartridge, for any installation position, plugged port for optional manometer, Open position indicator, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1213/EN 1488, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 65 °C, short-term peak temperature 90 °C, pressure relief valve response pressure 0.6 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	length (mm)	shipping weight (kg)	
7140G02000	20	G 1	90	2.10	
7140G02500	25	G 1 1/4	100	2.84	
7140G03200	32	G 1 1/2	105	2.88	

accessories	page
axial drain valve and immersion sleeve, figure J7109 150 00	105
dial thermometer, figure T5100 150 00	110
manometer with rear connection G 1/4, figure T5100 700 00 001	109
manometer with below connection G 1/4, figure T5100 700 00 002	109
union connections	from 98



safety group, response pressure value 0.8 MPa, figure 715 0G

internal parts made of gunmetal, stainless steel and plastic, protection of overpressure in water heaters acc. DIN 1988, with pressure relief valve, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, with a black handwheel, EPDM-seat gasket, male union thread, with test port, telescopic drain connection acc. EN 1718, controllable check cartridge, for any installation position, plugged port for optional manometer, Open position indicator, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1213/EN 1488, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 65 °C, short-term peak temperature 90 °C, pressure relief valve response pressure 0.8 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	length (mm)	shipping weight (kg)	
7150G02000	20	G 1	90	2.81	
7150G02500	25	G 1 1/4	100	2.86	
7150G03200	32	G 1 1/2	105	2.95	

accessories	page
axial drain valve and immersion sleeve, figure J7109 150 00	105
dial thermometer, figure T5100 150 00	110
manometer with rear connection G 1/4, figure T5100 700 00 001	109
manometer with below connection G 1/4, figure T5100 700 00 002	109
union connections	from 98

safety group, response pressure value 1.0 MPa, figure 716 0G



internal parts made of gunmetal, stainless steel and plastic, protection of overpressure in water heaters acc. DIN 1988, with pressure relief valve, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, with a black handwheel, EPDM-seat gasket, male union thread, with test port, telescopic drain connection acc. EN 1718, controllable check cartridge, for any installation position, plugged port for optional manometer, Open position indicator, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1213/EN 1488, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 65 °C, short-term peak temperature 90 °C, pressure relief valve response pressure 1.0 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	length (mm)	shipping weight (kg)	
7160G02000	20	G 1	90	2.79	
7160G02500	25	G 1 1/4	100	2.84	
7160G03200	32	G 1 1/2	105	2.88	

accessories	page
axial drain valve and immersion sleeve, figure J7109 150 00	105
dial thermometer, figure T5100 150 00	110
manometer with rear connection G 1/4, figure T5100 700 00 001	109
manometer with below connection G 1/4, figure T5100 700 00 002	109
union connections	from 98



single-seated valve with balanced plug, gunmetal housing, interior parts made of gunmetal and stainless steel, full metal version, easy to maintain, outlet pressure adjustable on lockable knurl with pressure scale, with stainless steel mesh at inlet, flange connection, for any installation position, incl. manometer for inlet and outlet pressure, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1092/EN 1567/DIN EN 558-1, pressure rating PN 25 (DN 80 only, DN 65: PN 16), max. operating temperature 90 °C, min. outlet pressure 0.1 MPa, max. outlet pressure 0.7 MPa, factory setting 0.4 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	length (mm)	shipping weight (kg)	
7110006500	65	290	19.72	
7110008000	80	310	21.20	

accessories	page
flanges, gasket and bolts	from 96



pressure reducing valve, figure 710 0G

single-seated valve with balanced plug, internal parts made of gunmetal, stainless steel and plastic, easy to maintain, PRV housing made of transparent plastic, outlet pressure adjustable on lockable knurl with pressure scale, with stainless steel mesh at inlet, male union thread, for any installation position, plugged port for optional manometer, incl. allen key, incl. gunmetal base module, DVGW approval, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213/EN 1567, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 30 °C, min. outlet pressure 0.15 MPa, max. outlet pressure 0.60 MPa, factory setting 0.4 MPa,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	length (mm)	shipping weight (kg)	
7100G01500	15	G 3/4	90	0.99	
7100G02000	20	G 1	90	1.01	
7100G02500	25	G 1 1/4	100	1.07	
7100G03200	32	G 1 1/2	105	2.34	
7100G04000	40	G 1 3/4	130	2.64	
7100G05000	50	G 2 3/8	140	2.89	

accessories	page
manometer with rear connection G 1/4, figure T5100 700 00 001	109
manometer with below connection G 1/4, figure T5100 700 00 002	109
union connections	from 98

ACCESSORIES

36

filter, figure 712 0G



mechanically acting, manual backwash filter, internal parts made of gunmetal, stainless steel and plastic, with differencial pressure controlled pollution indicator for maintenance, opaque filter housing to prevent algae growth, with manual backwash function for filter cleanup under operation, can be retrofitted with optional pressure reducing valve cartridge DM, expandable to a PRV-filter combination DMF by use of optional PRV cartridge DM, male union thread, exchangable filter cartridge, rotatable drain according to EN 1717, free from dead spots, for horizontal and vertical installation, drain valve down, adjustable month indicator for next maintenance, incl. allen key, incl. gunmetal base module, DVGW approval, plastic parts with KTW approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213/EN 13443/part no. 7120G13200 deviant to DIN EN 13443-1, pressure rating PN 16, max. operating temperature 30 °C, min. primary pressure 0.2 MPa, lower mesh 90 µm, upper mesh 125 µm,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	length (mm)	shipping weight (kg)	
7120G01500	15	G 3/4	90	3.51	
7120G02000	20	G 1	90	3.54	
7120G02500	25	G 1 1/4	100	3.59	
7120G13200	32	G 1 1/2	105	3.63	
7120G03200	32	G 1 1/2	105	6.62	
7120G04000	40	G 1 3/4	130	6.95	
7120G05000	50	G 2 3/8	140	7.37	

accessories	page
PRV cartridge	136
manometer with rear connection G 1/4, figure T5100 700 00 001	109
manometer with below connection G 1/4, figure T5100 700 00 002	109
automatic backwash module for filter F and DMF, figure 712 99 004	109
union connections	from 98



pressure reducing valve-filter combination, figure 713 0G

mechanically acting, manual backwash filter, single-seated valve with balanced plug, internal parts made of gunmetal, stainless steel and plastic, with differencial pressure controlled pollution indicator for maintenance, opaque filter housing to prevent algae growth, with manual backwash function for filter cleanup under operation, PRV housing made of transparent plastic, outlet pressure adjustable on lockable knurl with pressure scale, easily maintainable PRV, with stainless steel mesh at inlet, male union thread, exchangable filter cartridge, rotatable drain according to EN 1717, free from dead spots, for horizontal and vertical installation, drain valve down, adjustable month indicator for next maintenance, incl. manometer for system pressure secondary side, incl. allen key, incl. gunmetal base module, DVGW approval, plastic parts with KTW approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213/ EN 13443/EN 1567, pressure rating PN 16, max. operating temperature 30 °C, min. primary pressure 0.2 MPa, min. outlet pressure 0.15 MPa, max. outlet pressure 0.60 MPa, factory setting 0.4 MPa, lower mesh 90 μm , upper mesh 125 μm ,

note: maintenance requirements in accordance with DIN EN 806-5 must be complied with

part no.	DN	connection	length (mm)	shipping weight (kg)	
7130G01500	15	G 3/4	90	3.79	
7130G02000	20	G 1	90	3.82	
7130G02500	25	G 1 1/4	100	3.87	
7130G03200	32	G 1 1/2	105	7.45	
7130G04000	40	G 1 3/4	130	7.78	
7130G05000	50	G 2 3/8	140	8.20	

accessories	page
automatic backwash module for filter F and DMF, figure 712 99 004	109
union connections	from 98

MULTI-THERM thermostatic balancing valve, union thread, 50 °C - 65 °C, figure 141 0G



thermostatic balancing valve for hydraulic balancing of riser and distribution pipes, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, isolating unit with temperature sensor pocket, PTFE seat gasket, thermostatic balancing unit, male union thread, with plugged drain port, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 50 °C - 65 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1410G01500	15	G 3/4	110	0.67	
1410G02000	20	G 1	123	0.86	
1410G02500	25	G 1 1/4	133	1.16	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11	102
gunmetal sampling valve, figure 187 00	
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
union connections	from 98



MULTI-THERM thermostatic balancing valve, FPT, 50 °C - 65 °C, figure 143 00

thermostatic balancing valve for hydraulic balancing of riser and distribution pipes, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, isolating unit with temperature sensor pocket, PTFE seat gasket, thermostatic balancing unit, female pipe thread, with plugged drain port, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 50 °C - 65 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1430001500	15	Rp 1/2	110	0.69	
1430002000	20	Rp 3/4	123	0.94	
1430002500	25	Rp 1	136	1.19	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11	102
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



MULTI-THERM thermostatic balancing valve, MAPRESS, 50 °C - 65 °C, figure 143 22 $\,$

thermostatic balancing valve for hydraulic balancing of riser and distribution pipes, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, isolating unit with temperature sensor pocket, PTFE seat gasket, thermostatic balancing unit, press connection for Geberit MAPRESS pipe, with plugged drain port, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, KIWA approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 50 °C - 65 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
1432201500	15	15	162	0.79	
1432201800	15	18	164	0.81	
1432202000	20	22	184	1.04	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11	102
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110





SST MULTI-THERM thermostatic balancing valve, 50 °C - 65 °C, union thread, figure 041 0G $\,$

thermostatic balancing valve for hydraulic balancing of riser and distribution pipes, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted parts made of stainless steel, isolating unit with temperature sensor pocket, EPDM-seat gasket, thermostatic balancing unit, male union thread, with plugged drain port, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, control range 50 °C - 65 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
0410G01500	15	G 3/4	110	0.61	

accessories	page
insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11	102
SST sampling valve, figure 087 00	53
drain valve, figure J7120 073 00	105
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
union connections	from 98

THERM thermostatic balancing valve, union thread, 30 °C - 50 °C, figure 140 0G

thermostatic balancing valve for hydraulic balancing of riser and distribution pipes, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, isolating unit with temperature sensor pocket, PTFE seat gasket, thermostatic balancing unit, male union thread, with plugged drain port, free from dead spots, with isolating, balancing and pre-setting function, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 30 °C - 50 °C, pressure rating PN 16, max. operating temperature 90 °C,

note: no DVGW approval needed because it deviates from DVGW worksheet W 551

part no.	DN	connection	length (mm)	shipping weight (kg)	
1400G01500	15	G 3/4	110	0.69	
1400G02000	20	G 1	123	0.87	
1400G02500	25	G 1 1/4	133	1.14	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11	102
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
union connections	from 98



THERM thermostatic balancing valve, FPT, 30 °C - 50 °C, figure 142 00

thermostatic balancing valve for hydraulic balancing of riser and distribution pipes, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, isolating unit with temperature sensor pocket, PTFE seat gasket, thermostatic balancing unit, female pipe thread, with plugged drain port, free from dead spots, with isolating, balancing and pre-setting function, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 30 °C - 50 °C, pressure rating PN 16, max. operating temperature 90 °C,

note: no DVGW approval needed because it deviates from DVGW worksheet W 551

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1420001500	15	Rp 1/2	110	0.70	
1420002000	20	Rp 3/4	123	0.92	
1420002500	25	Rp 1	136	1.24	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11	102
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110



ETA-THERM thermostatic balancing valve, union thread, 56 °C - 58 °C, figure 130 0G

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, male union thread, handle grip with purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 56 °C - 58 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1300G01500	15	G 3/4	86.5	0.53	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146
union connections	from 98



ETA-THERM thermostatic balancing valve, FPT, 56 °C - 58 °C, figure 131 00

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, female pipe thread, handle grip with purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 56 °C - 58 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1310001500	15	Rp 1/2	70	0.49	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146

UP-ETA-THERM thermostatic balancing valve, for flush-mounted installation, FPT, 56°C - 58°C, figure 540 02

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, plastic shaft can be shortened, can be extended with optional extension kit, female pipe thread, chrome-plated cap with allen socket for 6 mm allen key under purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, control range 56 °C - 58 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
5400201500	15	Rp 1/2	70	0.67	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
Socket wrench for flush-mounted valves, figure 590 00 005	115



UP-ETA-THERM thermostatic balancing valve, for flush-mounted installation, 56°C - 58°C, MAPRESS, figure 542 02

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, plastic shaft can be shortened, can be extended with optional extension kit, press connection for Geberit MAPRESS pipe, chrome-plated cap with allen socket for 6 mm allen key under purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, control range 56 °C - 58 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
5420201500	15	15	151.5	0.86	
5420201800	15	18	154	0.89	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
Socket wrench for flush-mounted valves, figure 590 00 005	115

MEASURING VALVES



UP-ETA-THERM thermostatic balancing valve, for flush-mounted installation, 56°C - 58°C, San/Profipress, figure 544 02

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, plastic shaft can be shortened, can be extended with optional extension kit, press connection for Viega SANPRESS SST pipe and PROFIPRESS copper pipe, chrome-plated cap with allen socket for 6 mm allen key under purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, control range 56 °C - 58 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
5440201500	15	15	134	0.77	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
Socket wrench for flush-mounted valves, figure 590 00 005	115

ETA-THERM thermostatic balancing valve, union thread, 62°C - 64 °C, figure 134 0G



thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05 , for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, male union thread, handle grip with purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 62 °C - 64 °C, pressure rating PN 16, max. operating tempera-

part no.	DN	connection	length (mm)	shipping weight (kg)	
1340G01500	15	G 3/4	86.5	0.51	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146
union connections	from 98



ETA-THERM thermostatic balancing valve, FPT, 62 °C - 64 °C, figure 136 00

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, female pipe thread, handle grip with purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 62 °C - 64 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1360001500	15	Rp 1/2	70	0.49	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146



UP-ETA-THERM thermostatic balancing valve, for flush-mounted installation, 62 $^{\circ}$ C - 64 $^{\circ}$ C, FPT, figure 540 62

thermostatic balancing valve for hydraulic balancing of very short circulation circuits from kv-min ≥ 0.05, for hydraulic balancing of hot water return systems (PWH-C), supports thermal disinfection, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free EPDM spindle seal, thermostatic balancing unit, plastic shaft can be shortened, can be extended with optional extension kit, female pipe thread, chrome-plated cap with allen socket for 6 mm allen key under purple identification plate, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, ÖVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, control range 62 °C - 64 °C, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
5406201500	15	Rp 1/2	70	0.64	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
hexagon socket key, size 19	146
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
Socket wrench for flush-mounted valves, figure 590 00 005	115

MULTI-FIX-PLUS static balancing valve, union thread, figure 150 6G



for hydraulic balancing of hot water return systems (PWH-C), wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, male union thread, with plugged drain port, incl. thermometer, with pocket for temperature sensor Pt1000, free from dead spots, keeps throttle pre-setting when vale is closed and opened, with indicator for pre-setting, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1506G01500	15	G 3/4	70	0.57	
1506G02000	20	G 1	78.5	0.76	
1506G02500	25	G 1 1/4	97	1.02	
1506G03200	32	G 1 1/2	110	1.39	
1506G04000	40	G 1 3/4	130	1.80	
1506G05000	50	G 2 3/8	145	2.64	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-FIX-PLUS static balancing valve, as of 01/2017, figure 471 26	102
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110
union connections	from 98

MULTI-FIX-PLUS static balancing valve, FPT, figure 151 06



for hydraulic balancing of hot water return systems (PWH-C), wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, PTFE seat gasket, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, female pipe thread, with plugged drain port, incl. thermometer, with pocket for temperature sensor Pt1000, free from dead spots, keeps throttle pre-setting when vale is closed and opened, with indicator for pre-setting, DVGW approval, ÖVGW approval, SVGW approval, WRAS approval, KIWA approval, plastic parts with KTW and W 270 approval, for systems according to DVGW worksheet W 551 / W 553 / DIN 1988-300, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1510601500	15	Rp 1/2	65	0.59	
1510602000	20	Rp 3/4	75	0.78	
1510602500	25	Rp 1	90	1.02	
1510603200	32	Rp 1 1/4	110	1.49	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI-FIX-PLUS static balancing valve, as of 01/2017, figure 471 26	102
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110



SST throttle valve, union thread, figure 078 0G

for hydraulic balancing of hot water return systems (PWH-C), wetted parts made of stainless steel, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, male union thread, free from dead spots, with a black handwheel, keeps throttle pre-setting when vale is closed and opened, indication of pre-setting on bracket, without drain port (drain valve cannot be added), Open position indicator, wear-resistant stainless steel valve seat, DVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 2, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
0780G01500	15	G 3/4	70	0.56	
0780G02000	20	G 1	78.5	0.71	
0780G02500	25	G 1 1/4	97	1.16	
0780G03200	32	G 1 1/2	110	1.52	

accessories	page
insulation shell for inclined stop valves, figure 471 10	102
union connections	from 98



SST throttle valve, with drain valve, union thread, figure 078 1G

for hydraulic balancing of hot water return systems (PWH-C), wetted parts made of stainless steel, maintenance-free spindle gasket with self-lubricating EPDM lip gasket, EPDM-seat gasket, male union thread, free from dead spots, with a black handwheel, keeps throttle pre-setting when vale is closed and opened, indication of pre-setting on bracket, with sidewise drain valve, rotatable hose connection element G 3/4, Open position indicator, wear-resistant stainless steel valve seat, DVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 2, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
0781G01500	15	G 3/4	70	0.65	
0781G02000	20	G 1	78.5	0.82	
0781G02500	25	G 1 1/4	97	1.20	
0781G03200	32	G 1 1/2	110	1.60	

accessories	page
insulation shell for inclined stop valves, figure 471 10	102
SST sampling valve, figure 087 00	53
union connections	from 98

thermal separator, figure 550 01



to avoid heat transmission from drinking water hot (PWH) to drinking water cold (PWC) in mixing taps, mounting block foamed in pressure and tensile PU hard foam, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, ready to install, suitable for all standard pre-wall elements, soundproofed, divisible for different depth gauges, female pipe thread, connections in accordance with DVGW W534, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, to meet the requirements of GEG 2023, building material class B2 according to DIN 4102, UBA BWGL Metalle & DVGW W 551-8, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 150 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	shipping weight (kg)	
5500101500	15	Rp 1/2	1.28	



CONTROL-PLUS flow and temperature sensor, Hz signal, union thread, figure 138 4G

frequency output signal, for the accurate measurement of flow rates and temperatures in drinking water systems, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, sensor housing for low pressure loss, up to 50% of measuring range: divergence max. 1% of full-scale reading, from 50% of measuring range: deviation max. 2% of measured value, for connection to the KHS control systems, male union thread, free from dead spots, with vortex flow sensor that includes a 2-wire Pt1000, 5-pin M12x1 interface, readout and display of values via additional available KHS potable measuring instrument, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, min. flow velocity 0.2 m/s, max. flow velocity 2.5 m/s, min. operating temperature 0 °C, max. operating temperature 100 °C, protection class IP65, power supply 5 V DC,

note: optional cable M12x1 required for connection to KHS control systems, DN 10 is recommended for use with flow limiter 2 l/min

part no.	DN	connection	measurement range (l/min)	length (mm)	shipping weight (kg)	
1384G01000	10	G 3/4	0.9 - 15	65	0.31	
1384G01500	15	G 3/4	1.8 - 32	65	0.29	
1384G02000	20	G 1	3.5 - 50	75	0.38	
1384G02500	25	G 1 1/4	5 - 85	86	0.52	
1384G03200	32	G 1 1/2	9 - 150	109	0.70	
1384G04000	40	G 1 3/4	11 - 188	109	0.89	
1384G05000	50	G 2 3/8	18 - 316	113	1.33	

accessories	page
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
CONTROL-PLUS portable measuring instrument for sensors, figure 138 00 005	51
sensor measuring module, figure 138 00 011	52
M12x1 cable with loose litz wires, figure 138 00 012	50
union connections	from 98

CONTROL-PLUS flow and temperature sensor, 4 - 20 mA signal, union thread, figure 138 6G

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standard industrial signal (4 to 20 mA), for the accurate measurement of flow rates and temperatures in drinking water systems, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, sensor housing for low pressure loss, up to 50% of measuring range: divergence max. 1% of full-scale reading, from 50% of measuring range: deviation max. 2% of measured value, for connection to the building management system (BMS), male union thread, free from dead spots, with vortex flow sensor that includes a 2-wire Pt1000, 5-pin M12x1 interface, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, min. flow velocity 0.2 m/s, max. flow velocity 2.5 m/s, min. operating temperature 0 °C, max. operating temperature 100 °C, protection class IP65, power supply 8...33 V DC,

note: incl. M12x1 cable with loose litz wires, DN 10 is recommended for use with flow limiter 2 l/min

part no.	DN	connection	measurement range (l/min)	length (mm)	shipping weight (kg)	
1386G01000	10	G 3/4	0.9 - 15	65	0.36	
1386G01500	15	G 3/4	1.8 - 32	65	0.35	
1386G02000	20	G 1	3.5 - 50	75	0.31	
1386G02500	25	G 1 1/4	5 - 85	86	0.57	
1386G03200	32	G 1 1/2	9 - 150	109	0.74	
1386G04000	40	G 1 3/4	11 - 188	109	0.94	
1386G05000	50	G 2 3/8	18 - 316	113	1.37	

accessories	page
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
union connections	from 98



M12x1 cable with loose litz wires, figure 138 00 012

to connect measuring valve figure 138 4G or 638 4G to BMS, KHS LOGIC Control System or KHS Mini Control System, or to connect the pressure measuring valve figure 138 00 008 to BMS, possible evaluation of flow and temperature via frequency input 5 VDC, 10 - 450 Hz or Pt1000 2 wire input, 5 VDC BMS-power supply to sensor, connection cable for data logging with KHS LOGIC Control System or KHS Mini Control System, cable length 1 m

part no.	shipping weight (kg)	
1380001200	0.07	



Pt 1000 temperature sensor, figure T5100 140 00

temperature sensor for connection to BMS, temperature range 0 - 100 °C, four-wire technology, tolerance class A, for insertion in the isolating unit of the MULTI-THERM circulation balancing valve, the measuring nozzles of the MULTI-FIX-PLUS circulation balancing valve and the measuring nozzles of the MULTI T-PIECE, for all dimensions, can be used for all valves with frontal drain opening in combination with drain valve with immersion sleeve (part no. J71091500000600), pressure rating PN 16, min. operating temperature 0 °C, max. operating temperature 100 °C, protection class IP67

part no.	shipping weight (kg)	
T510014000003KP	0.10	



Multi-T adapter, union thread, figure 128 0G

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, plugged port for optional installation of a drain- or sampling valve, 9mm immersion sleeve for thermometer or Pt1000, G 1/4 for assembly of a sampling valve or a drain valve, full bore, male union thread, free from dead spots, for any installation position, according to accepted materials list from German environmental agency, EN ISO 228, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1280G01500	15	G 3/4	65	0.29	
1280G02000	20	G 1	67	0.35	
1280G02500	25	G 1 1/4	72	0.49	
1280G03200	32	G 1 1/2	77	0.55	
1280G04000	40	G 1 3/4	82	0.63	
1280G05000	50	G 2 3/8	90	1.00	

accessories	page
drain valve made of gunmetal/plastic, figure J7109 173 00	105
insulation shell for MULTI T-PIECE, figure 471 28	103
gunmetal sampling valve, figure 187 00	53
Pt 1000 temperature sensor, figure T5100 140 00	110
dial thermometer, figure T5100 150 00	110
union connections	from 98



CONTROL-PLUS portable measuring instrument for sensors, figure 138 00 005

to be used in combination with KEMPER flow and temperature sensors for analysis, documentation and adjustment of operating conditions of water installations, for connection to flow sensor figure 138 4G, 5 V DC supply from potable measuring instrument, measuring input for hand-held temperature sensor Pt1000 Figure 138 00 003, measuring input for CONTROL-PLUS plug-in temperature sensor Figure 138 00 004, measuring input for pressure sensor Figure 138 00 006, for reading out measuring points via the sensor measuring module Figure 138 00 011, log file downloadable to PC via USB-C, Incl. replaceable battery, USB charging cable, USB 230V/5V power pack and measuring module for connection to sensor measuring module figure 138 00 011 and flow sensor figure 138 4G, velocity can be displayed in m/s, m/min, temperature can be displayed in K, °C, °F, flow can be displayed in l/s, l/min, l/h, m³/h, kg/h, Log file for more than 12,000 reading points, display with background light, operating temperature (ambient air) 0–50 °C, Suitable for updating software wirelessly, displaying measured values and retrieving logged reading points with WLAN-enabled end devices, 5VDC / 4-20mA (0-20mA) / 0-10V, protection class IP20, power supply 5 V DC

part no.	shipping weight (kg)	
1380000500	0.54	



pressure sensor, figure 138 00 006

to measure the pressure in drinking water installations, for connection to CONTROL-PLUS potable measuring instrument via cable for pressure sensor, can be connected to BMS via M12x1 cable with loose litz wires, pressure rating PN 16, min. operating temperature -40 °C, max. operating temperature 125 °C, min. ambient temperature -30 °C, max. ambient temperature 85 °C, protection class IP67, measurement range 0-1 MPa, Accuracy +/- 50 mbar, output signal 4...20 mA

part no.	DN	shipping weight (kg)	
1380000600	8	0.11	

cable for pressure sensor, figure 138 00 016

for connection of the KEMPER Pressure Sensor to the CONTROL-PLUS potable measuring instrument, connection cable length 2 m, measurement range 0-1 MPa

part no.	shipping weight (kg)	
1200001600	0.12	



hand-held temperature sensor, figure 138 00 003

to measure water temperatures, especially outlet water temperatures of plumbing installations, with Pt1000 sensor element, temperature range 0 °C - 150 °C, length of measuring element 150 mm, cable length 1 m, with 9 pin coded SUB-D socket, for easy connection to CONTROL-PLUS potable measuring instrument (Part No. 1380000200), fast reacting sensor for detection of temperature fluctuations, protection class IP63

part no.	shipping weight (kg)	
1380000300	0.16	



CONTROL-PLUS plug-in temperature sensor, figure 138 00 004

for easy connection to CONTROL-PLUS potable measuring instrument (Part No. 1380000200), two-wire technology, with 9 pin coded SUB-D socket, suitable for immersion sleeves at KEMPER MULTI-THERM, MULTI-FIX valves and MULTI-T adapter, for all dimensions, protection class IP67, length of connection cable 2 m, working temperature range 0 -100 °C

part no.	shipping weight (kg)	
1380000400	0.11	



sensor measuring module, figure 138 00 011

for quick and easy readout of unaccessable sensors via CONTROL-PLUS potable measuring instrument, suitable for connecting the measuring valves and components, figures 138 4G, 138 00 006, 628 0G, T5100 140 00, suitable for wall assembly

part no.	shipping weight (kg)	
1380001100	0.18	



gunmetal sampling valve, figure 187 00

to sample drinking water and determine microbiological parameters according to the German TrinkwV drinking-water regulation, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, sampling pipe can be disinfected by flame, triangular key against unauthorised removal of water, valve body and sampling pipe can be rotated 360°, PTFE seat gasket, can be attached to all Kemper valves with test/drain-port, valve is operated with three-square socket wrench (included), free from dead spots, for any installation position, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
1870000600	8	15-50	15-25	0.23	
1870001000	10	65-150	32-150	0.23	



SST sampling valve, figure 087 00

to sample drinking water and determine microbiological parameters according to the German TrinkwV drinking-water regulation, wetted parts made of stainless steel, sampling pipe can be disinfected by flame, valve body and sampling pipe can be rotated 360°, can be attached to all Kemper valves with test/drain-port, valve is operated with 5 mm allen key (not in package), free from dead spots, for any installation position, incl. Allen key, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, pressure rating PN 16, max. operating temperature 90 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
0870000600	8	15-50	15-25	0.23	
0870001000	10	65-150	32-150	0.24	

MEASURING

sampling valve for connection to angle stop valve, figure 188 00

to sample drinking water and determine microbiological parameters according to the German TrinkwV drinking-water regulation, for simple retrofitting at the output of the angle valve, suitable for angle valves with 10 mm outlet compression connection, sampling pipe can be disinfected by flame, valve completely chrome-plated, PTFE seat gasket, inlet 10 x 1.25 pipe, outlet G3/8 male thread with compression nut for 10 mm pipe, valve is operated with 5 mm allen key (not in package), made of brass, nickel plated, free from dead spots, incl. Allen key, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, UBA BWGL Metalle + DVGW W 551-8, pressure rating PN 10, max. operating temperature 90 °C

part no.	shipping weight (kg)	
1880001000	0.29	



sampling valve with CV for connection to angle stop valve, figure 188 01

to sample drinking water and determine microbiological parameters according to the German TrinkwV drinking-water regulation, for simple retrofitting at the output of the angle valve, suitable for angle valves with 10 mm outlet compression connection, sampling pipe can be disinfected by flame, valve completely chrome-plated, PTFE seat gasket, inlet 10 x 1.25 pipe, outlet G3/8 male thread with compression nut for 10 mm pipe, with integrated check cartridge type EB acc. EN 1717, valve is operated with 5 mm allen key (not in package), made of brass, nickel plated, free from dead spots, incl. Allen key, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, UBA BWGL Metalle + DVGW W 551-8, pressure rating PN 10, max. operating temperature 90 °C

part no.	shipping weight (kg)	
1880101000	0.30	



UP-PLUS flush-mounted stop valve, FPT, figure 560 01

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, EPDM-seat gasket, stainless steel cone, plastic shaft can be shortened, can be extended with optional extension kit, female pipe thread, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
5600101500	15	Rp 1/2	80	0.56	
5600102000	20	Rp 3/4	90	0.62	
5600102500	25	Rp 1	120	1.12	
5600103200	32	Rp 1 1/4	124	1.33	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102
tubular box spanner, size 17/18, 550 mm	150
handle for flush-mounted valves, figure 590 00	115
operating cover for flush-mounted valves, figure 591 00	115
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
Socket wrench for flush-mounted valves, figure 590 00 005	115



UP-PLUS flush-mounted stop valve, MAPRESS, figure 560 22

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, EPDM-seat gasket, stainless steel cone, plastic shaft can be shortened, can be extended with optional extension kit, press connection for Geberit MAPRESS pipe, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
5602201500	15	15	140	0.71	
5602201800	15	18	140	0.70	
5602202000	20	22	145	0.74	
5602202500	25	28	180	1.34	

accessories	page	
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102	
tubular box spanner, size 17/18, 550 mm	150	
handle for flush-mounted valves, figure 590 00	115	
operating cover for flush-mounted valves, figure 591 00	115	
fixing set UP-PLUS, figure 597 00	115	
UP-PLUS extension set, figure 599 00	116	
Socket wrench for flush-mounted valves, figure 590 00 005	115	



UP-PLUS flush-mounted stop valve, SANPRESS/PROFIPRESS, figure 560 06



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, EPDM-seat gasket, stainless steel cone, plastic shaft can be shortened, can be extended with optional extension kit, press connection for Viega SANPRESS SST pipe and PROFIPRESS copper pipe, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
5600601500	15	15	140	0.65	
5600601800	15	18	142	0.62	
5600602000	20	22	153	0.73	
5600602500	25	28	180	1.20	

accessories	page	
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102	
tubular box spanner, size 17/18, 550 mm	150	
handle for flush-mounted valves, figure 590 00	115	
operating cover for flush-mounted valves, figure 591 00	115	
fixing set UP-PLUS, figure 597 00	115	
UP-PLUS extension set, figure 599 00	116	
Socket wrench for flush-mounted valves, figure 590 00 005	115	

UP quarter turn stop valve for flush-mounted installation, FPT, figure 585 00



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, low pressure loss, maintenance-free EPDM spindle seal, plastic shaft can be shortened, can be extended with optional extension kit, female pipe thread, removable inner top part TOP-ENTRY, with EPDM gasket body and gunmetal ball, free from dead spots, DVGW approval, WRAS approval, plastic parts with KTW and W 270 approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213/DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, pressure rating PN 16, max. operating temperature 90 °C,

note: for use in combination with DN 25 handle set

part no.	DN	female thread	length (mm)	shipping weight (kg)	
5850001500	15	Rp 1/2	84	0.54	
5850002000	20	Rp 3/4	90	0.62	
5850002500	25	Rp 1	99	0.93	

accessories	page
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
handle for flush-mounted valves, figure 590 00	115
operating cover for flush-mounted valves, figure 591 00	115
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
Socket wrench for flush-mounted valves, figure 590 00 005	115

The way

stop valve, FPT, figure 560 31

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, installation, e.g. in access flaps or for flush mounted installation, maintenance-free EPDM spindle seal, EPDM-seat gasket, stainless steel cone, female pipe thread, handle with blue or red dot for identification, free from dead spots, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, according to soundproofing regulations, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
5603101500	15	Rp 1/2	80	0.46	
5603102000	20	Rp 3/4	90	0.51	

accessories	page
insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14	102



UP-PLUS flush-mounted stop valve for combination with sub-water meter, figure 563 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, EPDM-seat gasket, stainless steel cone, plastic shaft can be shortened, inlet female pipe thread, outlet male pipe thread with stabilizing path, free from dead spots, with isolating, balancing and pre-setting function, DVGW approval, SVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 110 mm, max. installation depth 110 mm, pressure rating PN 16, max. operating temperature 100 °C

part no.	DN	male thread	length (mm)	(kg)		
5630202000	20	R 3/4	135	0.67		
accessories	page					
insulation shell fo	102					

insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14

tubular box spanner, size 17/18, 550 mm

150

handle for flush-mounted valves, figure 590 00

115

operating cover for flush-mounted valves, figure 591 00

115

fixing set UP-PLUS, figure 597 00

115

UP-PLUS extension set, figure 599 00

50cket wrench for flush-mounted valves, figure 590 00 005

115



angled stop valve, FPT/union nut, figure 860 05

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, suitable for access door installation or flush mounted installation, maintenance-free EPDM spindle seal, EPDM-seat gasket, stainless steel cone, inlet female thread, output coupling nut, gunmetal inner top part, handle with blue or red dot for identification, free from dead spots, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 100 °C

p	art no.	DN	female thread	connection	length (mm)	shipping weight (kg)	
86	500502000	20	Rp 3/4	G 3/4	46	0.44	

117

118



RG120-DUO water meter mounting block, G2 coax., figure 854 07

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of two flush-mounted valves and water meter housings with plaster work protectors, installation depth variable within the installation dimensions of the water meter, divisible into two RG120 MONO blocks, for installation of a cold and hot water, of two one-piece cast water meter sections, maintenance-free EPDM spindle seal, female pipe thread, free from dead spots, with fold out mounting lugs, mounting block foamed in pressure and tensile PU hard foam, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, to meet the requirements of GEG 2023, building material class B2 according to DIN 4102, CE marking, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 120 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95

part no.	DN	female thread	length (mm)	shipping weight (kg)		
8540702000	20	Rp 3/4	236	3.04		
accessories	page					
RG120 grip top die-cast zinc set-up dimensions to 32 mm, figure 596 11						117
RG120 grip top d	117					
RG120 change stopper including extension for set-up dimensions to 110 mm, figure 596 15						117
RG120 grip top p	117					



RG120-DUO water meter mounting block TECHEM, figure 854 05

RG120 grip-top plastic, set-up dimensions 30 mm to 110 mm, figure 596 17

cap for stop valve water meter combinations and mounting blocks, figure 855 00 002

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, for Techem water meter cartridges, consisting of two flush-mounted valves and water meter housings with plaster work protectors, installation depth variable within the installation dimensions of the water meter, divisible into two RG120 MONO blocks, for installation of a cold and hot water, as a one-piece cast water meter section, maintenance-free EPDM spindle seal, female pipe thread, free from dead spots, with fold out mounting lugs, mounting block foamed in pressure and tensile PU hard foam, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, to meet the requirements of GEG 2023, building material class B2 according to DIN 4102, CE marking, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 120 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8540502000	20	Rp 3/4	236	3.14	

accessories	page	
RG120 grip top die-cast zinc set-up dimensions to 32 mm, figure 596 11	117	
RG120 grip top die-cast zinc set-up dimensions 30 mm to 110 mm, figure 596 12	117	
RG120 change stopper including extension for set-up dimensions to 110 mm, figure 596 15	117	
RG120 grip top plastic set-up dimensions up to 32 mm, figure 596 16	117	
RG120 grip-top plastic, set-up dimensions 30 mm to 110 mm, figure 596 17	117	
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118	



RG120-DUO water meter mounting block BRUNATA, figure 854 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, for Brunata water meter cartridges, consisting of two flush-mounted valves and water meter housings with plaster work protectors, installation depth variable within the installation dimensions of the water meter, divisible into two RG120 MONO blocks, for installation of a cold and hot water, as a one-piece cast water meter section, maintenance-free EPDM spindle seal, female pipe thread, free from dead spots, with fold out mounting lugs, mounting block foamed in pressure and tensile PU hard foam, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, to meet the requirements of GEG 2023, building material class B2 according to DIN 4102, CE marking, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 120 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8540202000	20	Rp 3/4	236	3.45	

accessories	page
RG120 grip top die-cast zinc set-up dimensions to 32 mm, figure 596 11	117
RG120 grip top die-cast zinc set-up dimensions 30 mm to 110 mm, figure 596 12	117
RG120 change stopper including extension for set-up dimensions to 110 mm, figure 596 15	117
RG120 grip top plastic set-up dimensions up to 32 mm, figure 596 16	117
RG120 grip-top plastic, set-up dimensions 30 mm to 110 mm, figure 596 17	117
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118



ECO-DUO shut-off water meter mounting block, G2 coax., figure 853 07

gunmetal housing, housing with G 2 coaxial thread for meter cartridges, consisting of two flush-mounted valves and water meter housings with plaster work protectors, installation depth variable within the installation dimensions of the water meter, for installation of a cold and hot water, of two one-piece cast water meter sections, maintenance-free EPDM spindle seal, female pipe thread, free from dead spots, with fold out mounting lugs, mounting block foamed in pressure and tensile PU hard foam, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, to meet the requirements of GEG 2023, building material class B2 according to DIN 4102, CE marking, inside micrometer 120 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8530702000	20	Rp 3/4	236	3.21	

accessories	page
RG120 grip top die-cast zinc set-up dimensions to 32 mm, figure 596 11	117
RG120 grip top die-cast zinc set-up dimensions 30 mm to 110 mm, figure 596 12	117
RG120 change stopper including extension for set-up dimensions to 110 mm, figure 596 15	117
RG120 grip top plastic set-up dimensions up to 32 mm, figure 596 16	117
RG120 grip-top plastic, set-up dimensions 30 mm to 110 mm, figure 596 17	117
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118

Stop valves and metering combinations





DUO stop valve water meter box, figure 870 07

internal parts made of gunmetal, stainless steel and plastic, housing with G 2 coaxial thread for meter cartridges, for wall surface installation, as a space-saving, galvanised steel case with versatile mounting options for existing wall systems, with two permanently integrated, cast in a single piece, non-rotating and sound-insulated stop water meter combinations, for installation of a cold and hot water, with overflow cap and dirt protection during installation for the construction phase, suitable for radio readouts, can be covered by optional front panels, with two flow rate-optimised direct seat valves and water meter housings, maintenance-free EPDM spindle seal, female pipe thread, handle with blue or red dot for identification, free from dead spots, wear-resistant stainless steel valve seat, DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 88 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8700702000	20	Rp 3/4	200	3.99	

accessories	page
insulation shell for stop valve water meter box, figure 471 18	104
bracket set for stop valve water meter box, figure 870 00 002	119
plastic cover panel, white, for stop valve water meter box, figure 870 00 004	118
stainless steel panel for stop valve water meter box, figure 870 00 006	118
galvanised sheet steel cover panel, white, for stop valve water meter, figure 870 00 008	118



CLASSIC DUO PLUS water meter combination body, figure 867 27

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of two flush-mounted valves and water meter housings with plaster work protectors, for installation of a cold and hot water, installation depth variable within the installation dimensions of the water meter, maintenance-free EPDM spindle seal, plastic shaft can be shortened, female pipe thread, free from dead spots, completely mounted on double fastening base made of plastic, including acoustic decoupler, with isolating, balancing and pre-setting function, incl. insulation shell, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, valve(s) with soundproofing certificate according to DIN EN ISO 3822 Class 1, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, DIN EN 1213, CE marking, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 153 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8672702000	20	Rp 3/4	304	3.47	

accessories	page
handle for flush-mounted valves, figure 590 00	115
operating cover for flush-mounted valves, figure 591 00	115
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118



RG120 water meter combination body, G2 coax., figure 855 47

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of flush-mounted valve and water meter housing with plaster work protectors, installation depth variable within the installation dimensions of the water meter, for installation of a cold or hot-water metering cartridge, as a one-piece cast water meter section, maintenance-free EPDM spindle seal, female pipe thread, free from dead spots, cast-on mounting feet with sound decoupling, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 120 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8554702000	20	Rp 3/4	234	1.59	

accessories	page
RG120 grip top die-cast zinc set-up dimensions to 32 mm, figure 596 11	117
RG120 grip top die-cast zinc set-up dimensions 30 mm to 110 mm, figure 596 12	117
RG120 change stopper including extension for set-up dimensions to 110 mm, figure 596 15	117
RG120 grip top plastic set-up dimensions up to 32 mm, figure 596 16	117
RG120 grip-top plastic, set-up dimensions 30 mm to 110 mm, figure 596 17	117
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118



CLASSIC water meter combination body, 130 mm, G2 coax., figure 855 27 220

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of flush-mounted valve and water meter housing with plaster work protectors, for installation of a cold or hot-water metering cartridge, installation depth variable within the installation dimensions of the water meter, maintenance-free EPDM spindle seal, plastic shaft can be shortened, female pipe thread, free from dead spots, with casted lug for installation with optional base plate, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 130 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8552722000	20	Rp 3/4	245	1.33	

accessories	page
insulation shell for stop valve water meter combinations CLASSIC, figure 471 16	104
handle for flush-mounted valves, figure 590 00	115
operating cover for flush-mounted valves, figure 591 00	115
fixing set UP-PLUS, figure 597 00	115
UP-PLUS extension set, figure 599 00	116
base plate for stop valve water meter combination CLASSIC for figur 855 27 and figur 885 27, figure 855 00 001	118
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118

Stop valves and metering combinations





CLASSIC water meter combination body, 90 mm, G2 coax., figure 855 27 120

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of stop valve and water meter housing with overflow cap, for installation of a cold or hot-water metering cartridge, maintenance-free EPDM spindle seal, female pipe thread, handle with blue or red dot for identification, free from dead spots, with casted lug for installation with optional base plate, , valve with DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, valve with soundproofing certificate according to EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 90 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8552712000	20	Rp 3/4	205	1.46	

accessories	page
insulation shell for stop valve water meter combinations CLASSIC, figure 471 16	104
base plate for stop valve water meter combination CLASSIC for figur 855 27 and figur 885 27, figure 855 00 001	118
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118



CLASSIC water meter combination body, 153 mm, G2 coax., figure 855 27 020

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of flush-mounted valve and water meter housing with plaster work protectors, for installation of a cold or hot-water metering cartridge, installation depth variable within the installation dimensions of the water meter, maintenance-free EPDM spindle seal, plastic shaft can be shortened, female pipe thread, free from dead spots, with casted lug for installation with optional base plate, flush-mounted UP valve(s) DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, flush-mounted valve with soundproofing certificate according to DIN EN ISO 3822 Class 1, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 153 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8552702000	20	Rn 3/4	296	1 54	

accessories	page	
insulation shell for stop valve water meter combinations CLASSIC, figure 471 16	104	
handle for flush-mounted valves, figure 590 00	115	
operating cover for flush-mounted valves, figure 591 00	115	
fixing set UP-PLUS, figure 597 00	115	
base plate for stop valve water meter combination CLASSIC for figur 855 27 and figur 885 27, figure 855 00 001	118	
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118	



CLASSIC water meter combination body, G2 coax., figure 885 27 020

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, housing with G 2 coaxial thread for meter cartridges, consisting of VAV maximum flow isolating ball valve and water meter housing with plaster and overflow cap, for installation of a cold or hot-water metering cartridge, installation depth variable within the installation dimensions of the water meter, plastic shaft can be shortened, female pipe thread, free from dead spots, with casted lug for installation with optional base plate, valve(s) with DVGW approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, valve(s) with soundproofing certificate according to DIN EN ISO 3822 Class 1, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, inside micrometer 153 mm, pressure rating PN 10, max. operating temperature 70 °C, short-term peak temperature 95 °C,

note: for use in combination with DN 25 handle set

part no.	DN	female thread	length (mm)	shipping weight (kg)	
8852702000	20	Rp 3/4	296	1.54	

accessories	page
insulation shell for stop valve water meter combinations CLASSIC VAV, figure 471 17	104
handle for flush-mounted valves, figure 590 00	115
operating cover for flush-mounted valves, figure 591 00	115
fixing set UP-PLUS, figure 597 00	115
base plate for stop valve water meter combination CLASSIC for figur 855 27 and figur 885 27, figure 855 00 001	118
cap for stop valve water meter combinations and mounting blocks, figure 855 00 002	118

FROSTI® frost-proof outdoor valve, with operating handle, construction set version, figure 578 00

construction set version, suitable for the brick shell installation and for the subsequent installation in completed outer wall, wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, universal length for all common installation depths, inner top part for quick opening operation (two turns), cone with internal CV spring, EPDM-seat gasket, can be extended with optional extension kit, integrated CV and tube aerator as a security combination HD, inlet male pipe thread, free from dead spots, incl. hose coupling for common connection systems, high discharge capacity of up to 45 l/min (1 bar), with theft-proof aerator for automatic drainage, matt chrome-plated handle with over-twist protection, incl. fastened anti-twist protection, incl. two-part drop ear elbow for wall-flush closing, discharge body with mounting surfaces, DVGW approval according to DIN EN 17821, ÖVGW approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, EN 1717, min. installation depth 150 mm, max. installation depth 415 mm, pressure rating PN 16, max. operating temperature 65 °C

part no.	DN	male thread	shipping weight (kg)	
5780001500	15	R 1/2	1.80	
5780002000	20	R 3/4	1.92	

accessories	page
FROSTI® fastening set, figure 578 00 005	120
FROSTI® -sealing collar, figure 574 00 006	121
FROSTI® socket key operated head part with socket key, figure 578 00 001	120
FROSTI® extension, figure 578 00 002	120
FROSTI® lockable handle, figure 578 00 003	120
FROSTI® lockable handle, for uniform key, figure 578 02 003	120
FROSTI® special extension, figure 578 03 005	121





FROSTI® frost-proof outdoor valve, with socket wrench, construction set version, figure 578 03

construction set version, suitable for the brick shell installation and for the subsequent installation in completed outer wall, wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, universal length for all common installation depths, inner top part for quick opening operation (two turns), cone with internal CV spring, EPDM-seat gasket, can be extended with optional extension kit, integrated CV and tube aerator as a security combination HD, inlet male pipe thread, free from dead spots, incl. hose coupling for common connection systems, high discharge capacity of up to 45 l/min (1 bar), with theft-proof aerator for automatic drainage, incl. fastened anti-twist protection, incl. two-part drop ear elbow for wall-flush closing, discharge body with mounting surfaces, with theft-proof socket key operated, DVGW approval according to DIN EN 17821, ÖVGW approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, EN 1717, min. installation depth 150 mm, max. installation depth 415 mm, pressure rating PN 16, max. operating temperature 65 °C

part no.	DN	male thread	shipping weight (kg)	
5780301500	15	R 1/2	1.85	
5780302000	20	R 3/4	1.93	

accessories	page
FROSTI® fastening set, figure 578 00 005	120
FROSTI® -sealing collar, figure 574 00 006	121
FROSTI® extension, figure 578 00 002	120
FROSTI® lockable handle, figure 578 00 003	120
FROSTI® lockable handle, for uniform key, figure 578 02 003	120
FROSTI® special extension, figure 578 03 005	121



FROSTI® XL frost-proof outdoor valves, with operating handle, XL construction set version, figure 578 05

construction set version, suitable for the brick shell installation and for the subsequent installation in completed outer wall, wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, inner top part for quick opening operation (two turns), cone with internal CV spring, EPDM-seat gasket, can be extended with optional extension kit, integrated CV and tube aerator as a security combination HD, inlet male pipe thread, free from dead spots, incl. hose coupling for common connection systems, high discharge capacity of up to 45 l/min (1 bar), with theft-proof aerator for automatic drainage, matt chrome-plated handle with over-twist protection, incl. fastened anti-twist protection, incl. two-part drop ear elbow for wall-flush closing, discharge body with mounting surfaces, special length for large wall thickness, DVGW approval according to DIN EN 17821, ÖVGW approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, EN 1717, min. installation depth 150 mm, max. installation depth 530 mm, pressure rating PN 16, max. operating temperature 65 °C

part no.	DN	male thread	shipping weight (kg)	
5780501500	15	R 1/2	2.08	
5780502000	20	R 3/4	2.20	

accessories	page
FROSTI® fastening set, figure 578 00 005	120
FROSTI® -sealing collar, figure 574 00 006	121
FROSTI® socket key operated head part with socket key, figure 578 00 001	120
FROSTI® extension, figure 578 00 002	120
FROSTI® lockable handle, figure 578 00 003	120
FROSTI® lockable handle, for uniform key, figure 578 02 003	120
FROSTI® special extension, figure 578 03 005	121





FROSTI® frost-proof outdoor valves, pre-mounted design, figure 579 02

pre-assembled, wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, suitable for fast subsequent installation on already finished outer wall, inner top part for quick opening operation (two turns), high discharge capacity of 40 I / min (1 bar), EPDM-seat gasket, cone with internal CV spring, can be extended to any length at construction site, integrated CV and tube aerator as a security combination HD, inlet male pipe thread, free from dead spots, incl. hose coupling for common connection systems, flexible installation length with sliding wall disc in outdoor area, with theft-proof socket key operated, with theft-proof aerator for automatic drainage, discharge body with mounting surfaces, DVGW approval according to DIN EN 17821, ÖVGW approval, VA approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, EN 1717, min. installation depth 150 mm, pressure rating PN 16, max. operating temperature 65 °C

part no.	DN	male thread	shipping weight (kg)	
5790201500	15	R 1/2	1.27	

accessories	page
FROSTI collar XL, figure 577 12 015	121
FROSTI® lockable handle, figure 578 00 003	120
FROSTI® lockable handle, for uniform key, figure 578 02 003	120

subject to technical changes 65

MEASURING

SAMPLING VALVES

FLUSH-MOUNTED

WATER

TRESOR built-in wall cabinet, Figure 210

Lockable, stainless steel, polished surface, as supply unit to central water or power supply, frame with door with profile cylinder lock as a key lock including bit keys, retrofittable and interchangeable on an existing locking system, door with integrated flap version for hose or cable connection for security even during operation,

Note: Lock with uniform key number on request, another configuration on request

part no.	water supply configuration	electric supply configuration	weight	
			kg	
2100101500	frost-proof outdoor valve	no socket	10.70	
2100201500	frost-proof outdoor valve	socket combination 2 x 230 V	11.15	
2100301500	frost-proof outdoor valve	socket combination 1 x 230 V, 1 x 400 V / 16 A	11.18	
2100401500	frost-proof outdoor valve	socket combination 2 x 230 V with RCD protection device	11.52	
2100801500	hose bibb	no socket	10.10	



TRESOR built-in wall cabinet, specifically for chlorine-based environments (e.g. swimming baths), Figure 214

lockable, made of SST 1.4539 for chlorine-based environments (e.g. swimming baths), ground surface, as supply unit to central water and power supply, frame with door with profile cylinder lock as a key lock including bit keys, retrofittable and interchangeable on an existing locking system, door with integrated flap version for hose or cable connection for security even during operation,

Note: Lock with uniform key number on request, another configuration on request

part no.	water supply configuration	electric supply configuration	weight	
			kg	
2140101500	frost-proof outdoor valve	no socket	11.50	
2140201500	frost-proof outdoor valve	socket combination 2 x 230 V	12.00	
2140301500	frost-proof outdoor valve	socket combination 1 x 230 V, 1 x 400 V / 16 A	12.00	
2140401500	frost-proof outdoor valve	socket combination 2 x 230 V with RCD protection device	12.30	
2140801500	hose bibb	no socket	11.00	
2141201500	hose bibb	socket combination 2 x 230 V	11.00	
2141301500	hose bibb	socket combination 1 x 230 V, 1 x 400 V / 16 A	11.00	
2141401500	hose bibb	socket combination 2 x 230 V with RCD protection device	11.00	



TRESOR surface-mounted wall cabinet, Figure 213

Lockable, stainless steel, polished surface, as supply unit to central water or power supply, frame with door with profile cylinder lock as a key lock including bit keys, retrofittable and interchangeable on an existing locking system, door with integrated flap version for hose or cable connection for security even during operation,

Note: Lock with uniform key number on request, another configuration on request

part no.	water supply configuration	electric supply configuration	weight	
			kg	
2130101500	frost-proof outdoor valve	no socket	10.12	
2130201500	frost-proof outdoor valve	socket combination 2 x 230 V	10.57	
2130301500	frost-proof outdoor valve	socket combination 1 x 230 V, 1 x 400 V / 16 A	10.60	
2130401500	frost-proof outdoor valve	socket combination 2 x 230 V with RCD protection device	10.94	
2130801500	hose bibb	no socket	9.52	



MINI-TRESOR built-in wall cabinet, Figure 211

Lockable, stainless steel, polished surface, as supply unit to central water or power supply, frame with door with profile cylinder lock as a key lock including bit keys, retrofittable and interchangeable on an existing locking system, door with integrated flap version for hose or cable connection for security even during operation,

Note: Lock with uniform key number on request, another configuration on request

part no.	water supply configuration	electric supply configuration	weight kg	
2110101500	frost-proof outdoor valve	no socket	8.70	
2110201500	frost-proof outdoor valve	socket 230 V	8.88	
2110801500	hose bibb	no socket	8.10	
2110901500	hose bibb	socket 230 V	8.28	



MINI-TRESOR surface-mounted wall cabinet, Figure 212

Lockable, stainless steel, polished surface, as supply unit to central water or power supply, frame with door with profile cylinder lock as a key lock including bit keys, retrofittable and interchangeable on an existing locking system, door with integrated flap version for hose or cable connection for security even during operation,

Note: Lock with uniform key number on request, another configuration on request

part no.	water supply configuration	electric supply configuration	weight kg	
2120101500	frost-proof outdoor valve	no socket	7.80	
2120201500	frost-proof outdoor valve	socket 230 V	7.98	
2120801500	hose bibb	no socket	7.20	
2120901500	hose bibb	socket 230 V	7.38	



wall hydrant type F, union thread, aluminium C-coupling, figure 112 00

wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, for use at wet and dry fire fighting systems, bonnet suitable for installation of a limit switch, maintenance-free EPDM spindle seal, EPDM-seat gasket, cone rotatable, protected against water hammer, inlet mail thread, outlet aluminium C-coupling, DIN 14461-3/DIN 14462/UBA BWGL Metalle & DVGW W 551-8, pressure rating PN 16

part no.	DN	connection	length (mm)	shipping weight (kg)	
1120005000	50	G 2	93	2.16	



wall hydrant type F, union thread, brass C-coupling, figure 112 02

wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, for use at wet and dry fire fighting systems, bonnet suitable for installation of a limit switch, maintenance-free EPDM spindle seal, EPDM-seat gasket, cone rotatable, protected against water hammer, inlet male thread, outlet aluminium C-coupling, DIN 14461-3/DIN 14462/UBA BWGL Metalle & DVGW W 551-8, pressure rating PN 16

part no.	DN	connection	length (mm)	shipping weight (kg)	
1120205000	50	G 2	93	2.68	



Assembly fitting hose connection valves wall hydrants type F, male thread/female thread, figure 112 05 050

Rotatable brass screw connection, Suitable for hose connection valve Fig. 112 00 and Fig. 112 02, for improved installation of hose connection valve, with female and male thread, pressure rating PN 16

part no.	connec- tion	length (mm)	shipping weight (kg)	
1120505000	G 2	36	0.48	



Assembly fitting hose connection valves wall hydrants type F, female thread, figure 112 06 050

Rotatable brass screw connection, female pipe thread, Suitable for hose connection valve Fig. 112 00 and Fig. 112 02, for improved installation of hose connection valve, pressure rating PN 16

part no.	connec- tion	length (mm)	shipping weight (kg)	
1120605000	G 2	17	0.50	



wall hydrant type S for hose connection, union nut, figure 119 00

wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, can be used in drinking water installations according to DIN 1988 / EN 806 and in a wall hydrant type S according to DIN 14461-1, discharge rate max. 24 l / min at 2 bar, maintenance-free EPDM spindle seal, EPDM-seat gasket, integrated CV and tube aerator as a security combination HD, inlet union nut, outlet hose coupling, according to accepted materials list from German environmental agency, DIN 14461-1/DIN 14461-3, EN ISO 228, pressure rating PN 16

part no.	DN	connection	length (mm)	shipping weight (kg)	
1190002000	20	G 1	148	0.78	



gunmetal drain valve, figure 185 07

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with suitability verification according to DIN 1988, PTFE seat gasket, maintenance-free EPDM spindle seal, inlet female thread, outlet hose coupling with cap with chain, with a black handwheel, free from dead spots, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, according to DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	female thread	length (mm) shipping weight (kg)		
1850701500	15	Rp 1/2	91	0.40	
1850702000	20	Rp 3/4	104	0.58	



gunmetal drain valve, figure 185 09

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with suitability verification according to DIN 1988, PTFE seat gasket, maintenance-free EPDM spindle seal, male threaded inlet, male threaded outlet with hose coupling and cap with chain, with a black handwheel, free from dead spots, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, according to DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
1850901500	15	G 1/2	88.5	0.39	
1850902000	20	G 3/4	104	0.59	



Tap with male hose thread, figure 579 09

pre-assembled, wetted metal parts made of dezincification-free and corrosion-resistant gunmetal (in closed position), resistant against aggressive water, suitable for quick and easy installation in the frost-free areas, inner top part for quick opening operation (two turns), high discharge capacity of 40 l / min (1 bar), maintenance-free EPDM spindle seal, EPDM-seat gasket, cone with internal CV spring, integrated CV and tube aerator as a security combination HD, inlet male pipe thread, free from dead spots, incl. hose coupling for common connection systems, matt chrome-plated handle with over-twist protection, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, pressure rating PN 16, max. operating temperature 65 °C,

note: fitting is not frost-proof!

part no.	DN	male thread	length (mm)	shipping weight (kg)	
5790901500	15	R 1/2	148	0.77	

accessories	page
FROSTI® socket key operated head part with socket key, figure 578 00 001	120
FROSTI® lockable handle, figure 578 00 003	120
FROSTI® lockable handle, for uniform key, figure 578 02 003	120

full bore ball valve, figure 351 00

made of brass, nickel-plated, for water, compressed air and oil (not suitable for aggressive medium, e.g. steam), including two identification plates (red "heating flow" and blue "heating return"), hard chrome-plated brass ball with PTFE gasket, full bore, female pipe thread, blow-out proof spindle, DN 15 - DN 40 with T-handle, DN 50 with lever grip, for any installation position and flow direction, pressure rating PN 25, max. operating temperature 100 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
3510001500	15	Rp 1/2	46	0.20	
3510002000	20	Rp 3/4	54	0.29	
3510002500	25	Rp 1	63	0.41	
3510003200	32	Rp 1 1/4	78	0.65	
3510004000	40	Rp 1 1/2	88	0.92	
3510005000	50	Rp 2	105	1.60	

accessories	page
insulation shell for ball valve, figure 471 24	104

straight seat stop valve, figure 183 02

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free spindle sealing with self-lubricating and under pressure replaceable EPDM-lip gasket, EPDM-seat gasket, cone rotatable, protected against water hammer, female pipe thread, spindle thread not in contact with medium, wear-resistant valve seat made of stainless steel up to DN 50, with a black handwheel, free from dead spots, Open position indicator, according to DVGW regulations, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 110 °C

part no.	DN	female thread	length (mm)	shipping weight (kg)	
1830201500	15	Rp 1/2	62	0.37	
1830202000	20	Rp 3/4	74	0.52	
1830202500	25	Rp 1	82	0.77	
1830203200	32	Rp 1 1/4	98	1.16	
1830204000	40	Rp 1 1/2	105	1.42	
1830205000	50	Rp 2	125	2.15	



Y-strainer, figure 602 00

easily replaceable double mesh made of stainless steel, female pipe thread, for any installation position, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 200 °C, mesh width outer supporting sieve 0.6 mm, mesh width inner screen 0.3 mm

part no.	DN	female thread	length (mm)	shipping weight (kg)	
6020001500	15	Rp 1/2	65	0.23	
6020002000	20	Rp 3/4	75	0.40	
6020002500	25	Rp 1	90	0.55	
6020003200	32	Rp 1 1/4	112	0.89	
6020004000	40	Rp 1 1/2	120	1.25	
6020005000	50	Rp 2	150	1.80	



Y-strainer, figure 605 00

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, easily replaceable double mesh made of stainless steel, flange connection, for any installation position, according to accepted materials list from German environmental agency, DIN EN 558-1, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 200 °C, mesh width outer supporting sieve 0.6 mm, mesh width inner screen 0.3 mm

part no.	DN	length (mm)	shipping weight (kg)	
6050005000	50	230	5.88	
6050006500	65	290	8.65	
6050008000	80	310	12.63	
6050010000	100	350	16.85	

accessories	page
flanges, gasket and bolts	from 96



gate valve, FPT, figure 200 00

gunmetal housing, brass bonnet, female pipe thread, DIN 3352, pressure rating PN 16, max. operating temperature 200 °C

part no.	DN female thread length (mm)		shipping weight (kg)		
2000001500	15	Rp 1/2	53	0.36	
2000002000	20	Rp 3/4	56	0.53	
2000002500	25	Rp 1	63	0.82	
2000003200	32	Rp 1 1/4	71	1.16	
2000004000	40	Rp 1 1/2	80	1.57	
2000005000	50	Rp 2	90	2.54	

KHS Flow-Splitter unit - dynamic, for flush mounted installation, figure 650 00



prevents stagnation in ring pipe installations through forced flow during downstream withdrawals, can be used in cold drinking water (PWC) and hot drinking water (PWH), KHS Flow-Splitter - dynamic, according to the Venturi principle, including dynamic cartridge, flow and return branch for connection of outlets / plumbing units, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, KHS Flow-Splitter pass with female thread, plumbing unit feed pipe with female thread, plumbing unit return pipe with female thread, maintenance free, free from dead spots, including quarter turn stop valves, female threaded, for flush-mounted installation, figure 585 00, maintenance-free EPDM spindle seal, plastic shaft can be shortened, removable inner top part TOP-ENTRY, with EPDM gasket body and gunmetal ball, incl. insulation shell, valve(s) with DVGW approval, WRAS approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, insulation shell building material class B1 according to DIN 4102, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. installation depth 110 mm, pressure rating PN 16, max. operating temperature 90 °C,

note: for use in combination with DN 25 handle set

part no.	pa	ass	out	lets	va	lves	
	DN	connec- tion	DN	connec- tion	DN	connec- tion	
6500001500	15	Rp 1/2	15	Rp 1/2	15	Rp 1/2	
6500002000	20	Rp 3/4	20	Rp 3/4	20	Rp 3/4	
6500022000	20	Rp 3/4	20	Rp 3/4	15	Rp 1/2	
6500002500	25	Rp 1	20	Rp 3/4	20	Rp 3/4	
6500022500	25	Rp 1	20	Rp 3/4	15	Rp 1/2	
6500003200	32	Rp 1 1/4	20	Rp 3/4	20	Rp 3/4	
6500023200	32	Rp 1 1/4	20	Rp 3/4	15	Rp 1/2	
6500004000	40	Rp 1 1/2	25	Rp 1	25	Rp 1	
6500024000	40	Rp 1 1/2	25	Rp 1	15	Rp 1/2	
6500044000	40	Rp 1 1/2	25	Rp 1	20	Rp 3/4	
6500005000	50	Rp 2	25	Rp 1	25	Rp 1	
6500025000	50	Rp 2	25	Rp 1	15	Rp 1/2	
6500045000	50	Rp 2	25	Rp 1	20	Rp 3/4	

accessories	page
handle for flush-mounted valves, figure 590 00	115
operating cover for flush-mounted valves, figure 591 00	115
UP-PLUS extension set, figure 599 00	116



KHS Flow-Splitter unit - dynamic, FPT, figure 650 06

prevents stagnation in ring pipe installations through forced flow during downstream withdrawals, can be used in cold drinking water (PWC) and hot drinking water (PWH), KHS Flow-Splitter - dynamic, according to the Venturi principle, including dynamic cartridge, flow and return branch for connection of outlets / plumbing units, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, KHS Flow-Splitter pass with female thread, plumbing unit feed pipe with female thread, plumbing unit return pipe with female thread, maintenance free, free from dead spots, including KHS stop valve, female threaded, figure 385 00, maintenance-free EPDM spindle seal, removable inner top part TOP-ENTRY, with EPDM gasket body and gunmetal ball, incl. insulation shell, valve(s) with DVGW approval, WRAS approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, insulation shell building material class B1 according to DIN 4102, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C

part no.	t no. pass		out	lets	val	ves	
	DN	connec- tion	DN	connec- tion	DN	connec- tion	
6500601500	15	Rp 1/2	15	Rp 1/2	15	Rp 1/2	
6500602000	20	Rp 3/4	20	Rp 3/4	20	Rp 3/4	
6500622000	20	Rp 3/4	20	Rp 3/4	15	Rp 1/2	
6500602500	25	Rp 1	20	Rp 3/4	20	Rp 3/4	
6500622500	25	Rp 1	20	Rp 3/4	15	Rp 1/2	
6500603200	32	Rp 1 1/4	20	Rp 3/4	20	Rp 3/4	
6500623200	32	Rp 1 1/4	20	Rp 3/4	15	Rp 1/2	
6500604000	40	Rp 1 1/2	25	Rp 1	25	Rp 1	
6500624000	40	Rp 1 1/2	25	Rp 1	15	Rp 1/2	
6500644000	40	Rp 1 1/2	25	Rp 1	20	Rp 3/4	
6500605000	50	Rp 2	25	Rp 1	25	Rp 1	
6500625000	50	Rp 2	25	Rp 1	15	Rp 1/2	
6500645000	50	Rp 2	25	Rp 1	20	Rp 3/4	



KHS Flow-Splitter unit - dynamic, union thread, figure 650 02

prevents stagnation in ring pipe installations through forced flow during downstream withdrawals, can be used in cold drinking water (PWC) and hot drinking water (PWH), KHS Flow-Splitter - dynamic, according to the Venturi principle, including dynamic cartridge, flow and return branch for connection of outlets / plumbing units, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, KHS Flow-Splitter pass with union thread, plumbing unit feed pipe with union nut, plumbing unit return pipe with union nut, maintenance free, free from dead spots, including KHS stop valves, union thread, figure 386 0G, maintenance-free EPDM spindle seal, removable inner top part TOP-ENTRY, with EPDM gasket body and gunmetal ball, incl. insulation shell, valve(s) with DVGW approval, WRAS approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, insulation shell building material class B1 according to DIN 4102, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C

part no.	pass		pass outlets valves				
	DN	connec- tion	DN	connec- tion	DN	connec- tion	
6500201500	15	G 3/4	15	G 3/4	15	G 3/4	
6500202000	20	G 1	20	G 1	20	G 1	
6500202500	25	G 1 1/4	20	G 1	20	G 1	
6500203200	32	G 1 1/2	20	G 1	20	G 1	
6500204000	40	G 1 3/4	25	G 1 1/4	25	G 1 1/4	
6500205000	50	G 2 3/8	25	G 1 1/4	25	G 1 1/4	

accessories	page
union connections	from 98

ACCESSORIES

KHS Flow-Splitter set - dynamic, figure 650 20

prevents stagnation in ring pipe installations through forced flow during downstream withdrawals, can be used in cold drinking water (PWC) and hot drinking water (PWH), KHS Flow-Splitter - dynamic, according to the Venturi principle, including dynamic cartridge, flow and return branch for connection of outlets / plumbing units, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, KHS Flow-Splitter pass with female thread, plumbing unit feed pipe with female thread, plumbing unit return pipe with female thread, maintenance free, free from dead spots, incl. insulation shells, WRAS approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1, insulation shell building material class B1 according to DIN 4102, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C,

note: use only KHS isolating valves in the loop to maintain proper function of the KHS Flow-Splitter

part no.	pass		out	lets	
	DN	connection	DN	connection	
6502001500	15	Rp 1/2	15	Rp 1/2	
6502002000	20	Rp 3/4	20	Rp 3/4	
6502002500	25	Rp 1	20	Rp 3/4	
6502003200	32	Rp 1 1/4	20	Rp 3/4	
6502004000	40	Rp 1 1/2	25	Rp 1	
6502005000	50	Rp 2	25	Rp 1	



KHS Flow-Splitter box, for in-floor installation, figure 640 50

for use exclusively in single and two-family houses, prevents stagnation in ring pipe installations through forced flow during downstream withdrawals, can be used in cold drinking water (PWC), venturi technology creates parallel flow through main and loop pipe, for flush mounted installation or in unaccessible locations, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, KHS Flow-Splitter pass with female thread, plumbing unit feed pipe with female thread, plumbing unit return pipe with female thread, maintenance free, free from dead spots, KHS Flow-Splitter - static integrated into insulation shell of Neopor®, suitable for horizontal and vertical installation, according to accepted materials list from German environmental agency, CE marking, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 90 °C

part no.	pass		out	lets	
	DN	connection	DN	connection	
6405001500	15	Rp 1/2	15	Rp 1/2	
6405002000	20	Rp 3/4	15	Rp 1/2	





KHS CoolFlow cold water cooler incl. data logger, figure 610 01 002

as flow-through drinking water cooler for cooling drinking water with integrated circulation pump, for cooling and distributing the cold water as far as the tapping point outlet in the drinking water installation, adjustment range of PWC temperature 15 °C to 25 °C, consisting of PWM-controlled circulation pump with stainless steel housing and integrated check valve, consisting of PWM-controlled operating fluid pump, with diffusion-tight insulation fitted at the factory, space requirements less than 1 m², wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, low-noise operation, installation on the ground, incl. drinking water-side maintenance cutoffs, built-in operating fluid buffer tank, allows efficient operation of the cold water generator, connection to cold water generator hydraulically separated, integration of all cold water generators possible, compact design, plate heat exchanger made of stainless steel grade 1.4401/1.4404, electronic control unit for high control quality during operation, incl. Pt1000 measuring element, factory pre-assembled electrical connection of actuators and sensors to the control unit, Contact for recharging request, Fault signalling contact, , , , , , plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure stage PN 10 drinking water side and PN 6 equipment side, min. ambient temperature 0 °C, max. ambient temperature 50 °C, max. cooling capacity 6.4 kW, power supply 230 V AC, electrical power input 185.5 W.

note: maintenance and commissioning of the plant on request, replaces version 610 01 000

part no.	diameter (mm)	height (mm)	cold water connection	cooling connection	
6100100200	640	805	G 1	Rp 1	

accessories	page
KHS CoolFlow Chiller, figure 618 01	76



KHS CoolFlow cold water balancing valve, with 230 V actuator, figure 615 0G

thermostatic balancing valve with integrated flushing function, thermostatic balancing valve for cold water return branches with kv-min ≥ 0.03, for thermostatic, hydraulic balancing, thermostatic balancing unit, electrical shut-off device, can be combined with flushing system, for integration in existing KHS mini control system, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, PTFE seat gasket, water hammer free operation, free from dead spots, with isolating, balancing and pre-setting function, male union thread, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 15 °C - 22 °C, pressure rating PN 10, max. operating temperature 50 °C, max. ambient temperature 50 °C, protection class IP54, power supply 230 V AC, length of connection cable 1.5 m, wire cross section 3 x

part no.	DN	connection	length (mm)	shipping weight (kg)	
6150G01500	15	G 3/4	73	0.90	

accessories	page
insulation shell for KHS CoolFlow cold water balancing valve, figure 471 27	103
union connections	from 98





KHS CoolFlow cold water balancing valve, with 24 V actuator, figure 616 OG

thermostatic balancing valve with integrated flushing function, thermostatic balancing valve for cold water return branches with kv-min ≥ 0.03, for thermostatic, hydraulic balancing, thermostatic balancing unit, electrical shut-off device, can be combined with flushing system, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, PTFE seat gasket, water hammer free operation, free from dead spots, with isolating, balancing and pre-setting function, male union thread, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 15 °C - 22 °C, pressure rating PN 10, max. operating temperature 50 °C, max. ambient temperature 50 °C, protection class IP54, power supply 24 V AC/DC, length of connection cable 1.5 m, wire cross section 5 x 0.5 mm²

part no.	DN connection		length (mm)	shipping weight (kg)	
6160G01500	15	G 3/4	73	0.89	

accessories	page
insulation shell for KHS CoolFlow cold water balancing valve, figure 471 27	103
union connections	from 98



KHS CoolFlow Chiller, figure 618 01

for cooling the KHS CoolFlow cold water cooler, air-cooled chiller in compact design for outdoor installation for energy-efficient operation of the KHS CoolFlow cold water circulation, weatherproof base frame with removable cladding panels made of powder-coated steel, colour similar to RAL 9010, with infinitely variable cooling control, modern EC fans and integrated fan control to reduce operating costs and optimally adjust the fan speed to the actual ambient conditions, infinitely variable speed regulation through thermal low-noise fan control for particularly low noise emissions, standard operating limits from -15°C to +45°C, fully hermetic, vibration-damped rotating-piston inverter compressor for infinitely variable adjustment of the compressor frequency, with refrigerator oil filling, refrigerant circuit made of refrigerant copper pipe, hermetically sealed and pressure tested at the factory, dried and filled with R410A safety refrigerant, controllable via Schrader valve, High- and low-pressure control device, filter dryer and electronic expansion valve to increase energy efficiency and improve control quality, evaporator as refrigerant-water heat exchanger as tube bundle heat exchanger, vapour-diffusion-tight insulation, return temperature range from $+10^{\circ}$ C to $+20^{\circ}$ C, insulated medium circuit with manual bleeder valve, differential pressure monitor for monitoring the volume flow, and speed-controlled circulation pump according to the specifications of the Ecodesign Directive, medium connections in solid design with one-inch female pipe thread, internal control box with terminal strip for mains power supply, contact for external release and potential-free contact for collective fault signal, completely wired and tested main and control circuit with transformer, control fuses to protect the device's PCB, automatic restart after power failure, modern touch controller in IP54 splash-proof body for operating the device and setting further operating parameters, RS485 Modbus interface as standard, clear display of medium inlet and outlet temperature as well as function display of fan, compressor, required maintenance interval and elementary faults, such as high/low and differential pressure, coded fault messages and display of all operation-relevant control parameters with password-protected access, compliance with all requirements of the Ecodesign Directive (EU) 2016/2281 (LOT 21) through optimized heat exchanger surfaces, use of high-efficiency components and optimisation of operationally relevant system parameters, protection class IPX4, power supply 230 V AC, Sound pressure level (distance 10 m free field) 37.3 dB(A), sound power level 68.5 dB(A), adjustment range, return temperature +10 to +20 °C, operating range -15 to +45 °C, max. air volume flow 3900 m³/h,

note: *air inlet temperature 35°C dry bulb, medium temperatures 7/12 °C, 0% glycol concentration

pa	art no.	cooling capacity (kW)	Nominal power consumption (kW)	SEER	shipping weight (kg)	
61	80100100	4.7* (1.6-5.6)	1.3	4.57	95.00	
61	80100200	7.6* (2.0-10.0)	2.3	5.51	120.00	

accessories	page
Connection-set, figure 619 01 001	113
Vibration damper set for chiller, figure 619 02 000	113

MEASURING



KHS Hygiene Flush Box PRO with flow sensor, single port, figure 689 03 007

particularly suitable for buildings with special hygiene requirements, to avoid stangnation acc. to standards and guidelines, allows water exchange with turbulent flow in drinking water pipes up to DN 50, Single port (water exchange group) for cold drinking water (PWC), wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, compact installation dimensions, fast assembly using a drilling template, mounting frame (incl. depth adjustment) and fastening parts, reversible cover with magnetic push-to-open function and safety catch, large service opening, male union thread, with isolating function for maintenance, Solenoid valve with integrated fine screen, Flow and temperature sensor (Pt1000) to record flushing volumes, Flow = 10I/min (5I/min or 15I/min with optional accessories, factory-installed flushing set for commissioning, tool-free maintenance of all functional components, integrated overflow monitoring, integrated anti-siphon trap (> 45 l/min) with removable cap, Free drain in accordance with DIN EN 1717, Water trap height 50mm in accordance with DIN 1986-100, nominal width of drainpipe (DN 40 and DN 50), PRO control unit, operation via WLAN (can be switched off) using the latest Access Point Technology, seven timers for customised flushing strategy, Interval, time and volume based flushing, Temperature and use based flushing (only possible with additional temperature sensor Pt1000), digital commissioning and maintenance assistant, analysis and log readout via WLAN and USB, visualised flushing history, connection to KHS Mini Control-System possible, networking of up to 60 Hygiene Flush Boxes possible, up to 100,000 event entries to verify use as intended, potential-free fault-message contact, incorporation into BMS (BACnet & Modbus) via KEMPER Hygiene System KHS, BMS interface via digital i/o, automatic detection and checking of all functional components, average-temperature recording with optional accessory (KHS temperature sensor Pt1000), buzzer for fault messages (with three volume levels), LED status display, without exception, external connections are always fixed connections in the housing (no external connection boxes necessary), controller pre-installed in housing (cable length: 5m), expandable by a second water exchange group e.g. for warm drinking water (PWH), DVGW approval, SVGW approval, WRAS approval, KIWA approval, BELGAQUA approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/min), pressure rating PN 10, max. operating temperature 70 °C, protection class IP44, power supply 230 V AC, electrical power input 4.5 W, power consumption in standby 3.9 W,

note: maintenance and commissioning of the system on request

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
6890300700	15	G 3/4	40 / 50	8.00	

accessories	page
Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026	111
KHS temperature sensor Pt 1000, figure 628 0G	81
Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019	111

KI-

KHS Hygiene Flush Box PRO with flow sensor, double port, figure 689 03 008

particularly suitable for buildings with special hygiene requirements, to avoid stangnation acc. to standards and guidelines, allows water exchange with turbulent flow in drinking water pipes up to DN 50, double port (water exchange groups) for connection of e.g. PWC and PWH, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, compact installation dimensions, fast assembly using a drilling template, mounting frame (incl. depth adjustment) and fastening parts, reversible cover with magnetic push-to-open function and safety catch, large service opening, male union thread, with isolating function for maintenance, Solenoid valve with integrated fine screen, Flow and temperature sensor (Pt1000) to record flushing volumes, Flow = 10l/min (5l/min or 15l/min with optional accessories, factory-installed flushing set for commissioning, tool-free maintenance of all functional components, integrated overflow monitoring, integrated anti-siphon trap (> 45 l/min) with removable cap, Free drain in accordance with DIN EN 1717, Water trap height 50mm in accordance with DIN 1986-100, nominal width of drainpipe (DN 40 and DN 50), PRO control unit, operation via WLAN (can be switched off) using the latest Access Point Technology, seven timers for customised flushing strategy, Interval, time and volume based flushing, Temperature and use based flushing (only possible with additional temperature sensor Pt1000), digital commissioning and maintenance assistant, analysis and log readout via WLAN and USB, visualised flushing history, connection to KHS Mini Control-System possible, up to 100,000 event entries to verify use as intended, networking of up to 30 Hygiene Flush Boxes possible, potential-free fault-message contact, incorporation into BMS (BACnet & Modbus) via KEMPER Hygiene System KHS, BMS interface via digital i/o, automatic detection and checking of all functional components, average-temperature recording with optional accessory (KHS temperature sensor Pt1000), buzzer for fault messages (with three volume levels), LED status display, without exception, external connections are always fixed connections in the housing (no external connection boxes necessary), controller pre-installed in housing (cable length: 5m), DVGW approval, SVGW approval, WRAS approval, KIWA approval, BELGAQUA approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN

note: maintenance and commissioning of the system on request

230 V AC, electrical power input 4.5 W, power consumption in standby 3.9 W,

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
6890300800	15	G 3/4	40 / 50	8.54	

ISO 3822 Class 1 (up to 30 l/min), pressure rating PN 10, max. operating temperature 70 °C, protection class IP44, power supply

accessories	page
Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026	111
KHS temperature sensor Pt 1000, figure 628 0G	81
Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019	111



KHS Hygiene Flush Box PURE, single port, figure 689 03 005

Especially suitable for time-controlled interval flushing operation in small buildings, to avoid stangnation acc. to standards and quidelines, allows water exchange with turbulent flow in drinking water pipes up to DN 50, Single port (water exchange group) for cold drinking water (PWC), wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, compact installation dimensions, fast assembly using a drilling template, mounting frame (incl. depth adjustment) and fastening parts, reversible cover with magnetic push-to-open function and safety catch, large service opening, male union thread, with isolating function for maintenance, Solenoid valve with integrated fine screen, Flow = 10l/min (5l/min or 15l/min with optional accessories, factory-installed flushing set for commissioning, tool-free maintenance of all functional components, integrated overflow monitoring, integrated anti-siphon trap (> 45 l/min) with removable cap, Free drain in accordance with DIN EN 1717, Water trap height 50mm in accordance with DIN 1986-100, nominal width of drainpipe (DN 40 and DN 50), PURE control unit, manual commissioning on the device by hand, interval controlled flushing, up to 100,000 event entries to verify use as intended (readout via USB), potential-free fault-message contact, automatic detection and checking of all functional components, buzzer for fault messages (with three volume levels), LED status display, without exception, external connections are always fixed connections in the housing (no external connection boxes necessary), controller pre-installed in housing (cable length: 5m), u rade to PRO control unit possible, expandable by a second water exchange group e.g. for warm drinking water (PWH), DVGW approval, SVGW approval, WRAS approval, KIWA approval, BELGAQUA approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/min), pressure rating PN 10, max. operating temperature 70 °C, protection class IP44, power supply 230 V AC, electrical power input 4.5 W, power consumption in standby 3.9 W

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
6890300500	15	G 3/4	40 / 50	8.00	

accessories	page
Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026	111
Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019	111



KHS Hygiene Flush Box PURE, double port, figure 689 03 006

Especially suitable for time-controlled interval flushing operation in small buildings, to avoid stangnation acc. to standards and quidelines, allows water exchange with turbulent flow in drinking water pipes up to DN 50, double port (water exchange groups) for connection of e.q. PWC and PWH, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, compact installation dimensions, fast assembly using a drilling template, mounting frame (incl. depth adjustment) and fastening parts, reversible cover with magnetic push-to-open function and safety catch, large service opening, male union thread, with isolating function for maintenance, Solenoid valve with integrated fine screen, Flow = 10l/min (5l/min or 15l/min with optional accessories, factory-installed flushing set for commissioning, tool-free maintenance of all functional components, integrated overflow monitoring, integrated anti-siphon trap (> 45 l/min) with removable cap, Free drain in accordance with DIN EN 1717, Water trap height 50mm in accordance with DIN 1986-100, nominal width of drainpipe (DN 40 and DN 50), PURE control unit, manual commissioning on the device by hand, interval controlled flushing, up to 100,000 event entries to verify use as intended (readout via USB), potential-free fault-message contact, automatic detection and checking of all functional components, buzzer for fault messages (with three volume levels), LED status display, without exception, external connections are always fixed connections in the housing (no external connection boxes necessary), controller pre-installed in housing (cable length: 5m), u rade to PRO control unit possible, DVGW approval, SVGW approval, WRAS approval, KIWA approval, BELGAQUA approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/min), pressure rating PN 10, max. operating temperature 70 °C, protection class IP44, power supply 230 V AC, electrical power input 4.5 W, power consumption in standby 3.9 W

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
6890300600	15	G 3/4	40 / 50	8.60	

accessories	page
Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026	111
Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019	111

KHS Hygiene Flush Box LITE with flow sensor, single port, figure 689 03 009

particularly suitable for safety-sensitive buildings, to avoid stangnation acc. to standards and guidelines, allows water exchange with turbulent flow in drinking water pipes up to DN 50, Single port (water exchange group) for cold drinking water (PWC), wetted metal parts made from dezincification-free and corrosion-resistant qunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, compact installation dimensions, fast assembly using a drilling template, mounting frame (incl. depth adjustment) and fastening parts, reversible cover with magnetic push-to-open function and safety catch, large service opening, male union thread, with isolating function for maintenance, Solenoid valve with integrated fine screen, Flow and temperature sensor (Pt1000) to record flushing volumes, Flow = 10l/min (5l/min or 15l/min with optional accessories, factory-installed flushing set for commissioning, tool-free maintenance of all functional components, integrated overflow monitoring, integrated anti-siphon trap (> 45 l/min) with removable cap, Free drain in accordance with DIN EN 1717, Water trap height 50mm in accordance with DIN 1986-100, nominal width of drainpipe (DN 40 and DN 50), LITE control unit, no integrated controller logic (control via direct connection of all components to BMS (24 V/4-20 mA), Interval, time and volume based flushing measures possible (depending on external flushing logic), Temperature based flushing possible (depending on external flushing logic) (only possible with additional temperature sensor), expandable by a second water exchange group e.g. for warm drinking water (PWH), DVGW approval, SVGW approval, WRAS approval, KIWA approval, BELGAQUA approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/min), pressure rating PN 10, max. operating temperature 70 °C, protection class IP44, power supply 24 V DC

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
6890300900	15	G 3/4	40 / 50	8.00	

accessories	page
Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026	111
Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019	111



KHS Hygiene Flush Box LITE with flow sensor, double port, figure 689 03 010

particularly suitable for safety-sensitive buildings, to avoid stangnation acc. to standards and guidelines, allows water exchange with turbulent flow in drinking water pipes up to DN 50, double port (water exchange groups) for connection of e.g. PWC and PWH, wetted metal parts made from dezincification-free and corrosion-resistant qunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, compact installation dimensions, fast assembly using a drilling template, mounting frame (incl. depth adjustment) and fastening parts, reversible cover with magnetic push-to-open function and safety catch, large service opening, male union thread, with isolating function for maintenance, Solenoid valve with integrated fine screen, Flow and temperature sensor (Pt1000) to record flushing volumes, Flow = 10l/min (5l/min or 15l/min with optional accessories, factory-installed flushing set for commissioning, tool-free maintenance of all functional components, integrated overflow monitoring, integrated anti-siphon trap (> 45 l/min) with removable cap, Free drain in accordance with DIN EN 1717, Water trap height 50mm in accordance with DIN 1986-100, nominal width of drainpipe (DN 40 and DN 50), LITE control unit, no integrated controller logic (control via direct connection of all components to BMS (24 V/4-20 mA), Interval, time and volume based flushing measures possible (depending on external flushing logic), Temperature based flushing possible (depending on external flushing logic) (only possible with additional temperature sensor), DVGW approval, SVGW approval, WRAS approval, KIWA approval, BELGAQUA approval, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/ min), pressure rating PN 10, max. operating temperature 70 °C, protection class IP44, power supply 24 V DC

part no.	DN	connection	drain connection (mm)	shipping weight (kg)	
6890301000	15	G 3/4	40 / 50	8.40	

accessories	page
Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/PURE/LITE, figure 689 04 026	111
Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019	111

KHS temperature measurement fittings





KHS temperature sensor Pt 1000, figure 628 0G

full bore, For connection to the KHS control systems, the KHS Hygiene Flush Box PRO or for connection to the building management system (BMS) for the temperature control flush mode, male union thread, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, free from dead spots, includes 4 or 2-wire Pt1000 measuring element, WRAS approval, according to accepted materials list from German environmental agency, DIN EN 60751, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, min. operating temperature 0 °C, max. operating temperature 105 °C, length of connection cable 1 m, wire cross section 4 x 0.22 mm², diameter of the sensor 0.2 in, tolerance class A

part no.	DN	connection	length (mm)	shipping weight (kg)	
6280G01500	15	G 3/4	65	0.38	
6280G02000	20	G 1	67	0.43	
6280G02500	25	G 1 1/4	72	0.59	
6280G03200	32	G 1 1/2	77	0.66	
6280G04000	40	G 1 3/4	82	0.76	
6280G05000	50	G 2 3/8	90	1.17	

accessories	page
insulation shell for MULTI T-PIECE, figure 471 28	103
union connections	from 98

PRVs / Filter

REGULATING VALVES

MEASURING VALVES

SAMPLING VALVES

FLUSH-MOUNTED

WATER METER

OUTDOOR TAP

KHS Flush Point, 24 V, figure 684 00



complete Flush Point for automatically triggering water change to ensure proper operation, enables turbulent water exchange in drinking water pipes up to DN 100 (double turbulent up to DN 65), WESER stop valve as maintenance cut-off, quarter-turn stop valve PLUS with 24-V spring return actuator, incl. electroless reset, flow limiter, 4, 10 and 20 l/min, for pressure independent flow limitration, free drain with overflow sensor, wetted metal parts made of stainless steel and gunmetal, easy maintenance while installed, for connection to the building management system (BMS), with a black handwheel, free from dead spots, for vertical installation, drainage device in accordance with DIN EN 1717 with built-in float switch, Open position indicator, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, min. operating temperature 0 °C, max. operating temperature 65 °C, max. ambient temperature 55 °C, protection class IP54, power supply 24 V DC, position feedback 0...10 V, elapsed time for actuated changeover 90 s, elapsed time for spring driven changeover 15 s

part no.	DN	drain connection (mm)	shipping weight (kg)	
6840001500	15	50	3.06	



KHS Flush Point, 24 V, with CONTROL-PLUS, figure 684 01

complete Flush Point for automatically triggering water change to ensure proper operation, enables turbulent water exchange in drinking water pipes up to DN 100 (double turbulent up to DN 65), WESER stop valve as maintenance cut-off, CONTROL-PLUS flow and temperature sensor, 4-20 mA, incl. cable, M12x1, quarter-turn stop valve PLUS with 24-V spring return actuator, incl. electroless reset, flow limiter, 4, 10 and 20 l/min, for pressure independent flow limitration, free drain with overflow sensor, wetted metal parts made of stainless steel and gunmetal, easy maintenance while installed, for connection to the building management system (BMS), with a black handwheel, free from dead spots, for vertical installation, drainage device in accordance with DIN EN 1717 with built-in float switch, Open position indicator, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, min. operating temperature 0 °C, max. operating temperature 65 °C, max. ambient temperature 55 °C, protection class IP54, power supply 24 V DC, position feedback 0...10 V, elapsed time for actuated changeover 90 s, elapsed time for spring driven changeover 15 s

part no.	DN	drain connection (mm)	shipping weight (kg)	
6840101500	15	50	3.94	



KHS Flush Point, 230 V, figure 684 04

complete Flush Point for automatically triggering water change to ensure proper operation, enables turbulent water exchange in drinking water pipes up to DN 100 (double turbulent up to DN 65), WESER stop valve as maintenance cut-off, quarter-turn stop valve PLUS with spring return actuator, 230 V, incl. electroless reset, flow limiter, 4, 10 and 20 l/min, for pressure independent flow limitration, free drain with overflow sensor, for connection to KHS control systems, KHS timer set and leak detection systems, wetted metal parts made of stainless steel and gunmetal, easy maintenance while installed, with a black handwheel, free from dead spots, for vertical installation, drainage device in accordance with DIN EN 1717 with built-in float switch, Open position indicator, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, min. operating temperature 0 °C, max. operating temperature 65 °C, max. ambient temperature 55 °C, protection class IP54, power supply 230 V AC, elapsed time for actuated changeover 90 s, elapsed time for spring driven changeover 15 s

part no.	DN	drain connection (mm)	shipping weight (kg)	
6840401500	15	50	3.73	



KHS Flush Point, 230 V, with CONTROL-PLUS, figure 684 05

complete Flush Point for automatically triggering water change to ensure proper operation, enables turbulent water exchange in drinking water pipes up to DN 100 (double turbulent up to DN 65), WESER stop valve as maintenance cut-off, CONTROL-PLUS flow and temperature sensor, incl. cable, M12x1, quarter-turn stop valve PLUS with spring return actuator, 230 V, incl. electroless reset, flow limiter, 4, 10 and 20 l/min, for pressure independent flow limitration, free drain with overflow sensor, for integration in existing KHS mini control system, wetted metal parts made of stainless steel and gunmetal, easy maintenance while installed, with a black handwheel, free from dead spots, for vertical installation, drainage device in accordance with DIN EN 1717 with built-in float switch, Open position indicator, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, min. operating temperature 0 °C, max. operating temperature 65 °C, max. ambient temperature 55 °C, protection class IP54, power supply 230 V AC, elapsed time for actuated changeover 90 s, elapsed time for spring driven changeover 15 s

part no.	DN	drain connection (mm)	shipping weight (kg)	
6840501500	15	50	4.10	

,

KHS Mini Control System MASTER 2.1, figure 686 02 008

to control, log and monitor water exchange measures in PWC and PWH installations, decentralized control system for all KHS components, For connection of max. one of each of the following: KHS quarter turn stop valve or KHS quarter turn stop valve PLUS or CoolFlow cold water balancing valve, KHS temperature sensor Pt1000, KHS CONTROL-PLUS and KHS overflow sensor, Can be expanded through CAN bus in the MASTER/SLAVE system by 62 units (max. length of CAN bus, 2x 1000 m), USB interface for software update, log file transfer, data logging and up- or download of the configuration file, PC or network link possible through supplied network cable, optional BMS connection possible via Modbus TCP/IP, BACnet IP or MS/TP, acoustic and visual alarm signal during fault (can be switched off), alarm acknowledgement on unit, programming and read out via integrated web-browser, Operating modes (16 memory locations): Time, temperature, volume flow, routine control, security/leak protection and data logging, data logging capacity of 12 million lines for temperature, flow, consumption; log rate 1 s to 59 min, with manual mode for all actuators, for wall installation, Logbook with 50,000 entries for water exchange and system events, display with background light, for controlling up to max. 60 KHS Hygiene Flush Boxes PRO with single port, for controlling up to max. 30 KHS Hygiene Flush Boxes PRO with double port, min. ambient temperature 0 °C, max. ambient temperature 50 °C, protection class IP54, power supply 230 V AC, external input 230 V, switching capacity 230 V, 2 A, floating alarm relay, max. 230 V, 2 A, own consumption 7 W,

note: In the case of direct connection of quarter turn stop valves PLUS or CoolFlow cold water balancing valves only the 230 Volt versions are compatible, please commission and maintain according to the operating instructions at the construction site or optionally order these

part no.	shipping weight (kg)	
6860200800	1.16	

accessories	page
KHS CoolFlow cold water balancing valve, with 230 V actuator, figure 615 0G	75
KHS Flush Point, 230 V, figure 684 04	83
KHS Flush Point, 230 V, with CONTROL-PLUS, figure 684 05	83
KHS quarter turn stop valve, with 230 V actuator, figure 686 04	87
KHS quarter turn stop valve PLUS, 230 V spring return actuator, figure 686 05	87
CONTROL-PLUS flow and temperature sensor, Hz signal, union thread, figure 138 4G	49
KHS temperature sensor Pt 1000, figure 628 0G	165
KHS free drain with overflow sensor, figure 688 00	88
KHS BACnet Gateway L for MASTER 2.0/2.1, figure 686 02 023	114
KHS BACnet Gateway XL for MASTER 2.0/2.1, figure 686 02 024	114
connection set surface-mounted CAN bus for KHS HS2® hygiene flushing box, figure 689 06 001	112
connection set flush-mounted CAN bus for KHS HS2® hygiene flushing box, figure 689 06 002	112
Modbus TCP/IP licence for MASTER 2.0/2.1, figure 99 3590	114
KHS Mini Control System SLAVE, figure 686 02 006	85
KHS Hygiene Flush Box PRO with flow sensor, single port, figure 689 03 007	77
KHS Hygiene Flush Box PRO with flow sensor, double port, figure 689 03 008	78





KHS Mini Control System SLAVE, figure 686 02 006

to control, log and monitor water exchange measures in PWC and PWH installations, as an expansion module for the KHS mini control system MASTER 2.0/2.1, expandable by 62 units in the CAN-bus in the MASTER/SLAVE system, For connection of max. one of each of the following: KHS quarter turn stop valve or KHS quarter turn stop valve PLUS or CoolFlow cold water balancing valve, KHS temperature sensor Pt1000, KHS CONTROL-PLUS and KHS overflow sensor, Modes of operation: Time, temperature, volume flow and routine control, settings will be adopted by KHS MASTER 2.0/2.1 via CAN bus cable, for wall installation, Operating modes (16 memory locations): Time, temperature, volume flow, routine control, security/leak protection and data logging, min. ambient temperature 0 °C, max. ambient temperature 50 °C, protection class IP54, power supply 230 V AC, external input 230 V, switching capacity 230 V, 2 A, floating alarm relay, max. 230 V, 2 A, own consumption 3 W,

note: In the case of direct connection of quarter turn stop valves PLUS or CoolFlow cold water balancing valves only the 230 Volt versions are compatible, please commission and maintain according to the operating instructions at the construction site or optionally order these

part no.	shipping weight (kg)	
6860200600	0.61	

accessories	page
KHS CoolFlow cold water balancing valve, with 230 V actuator, figure 615 0G	75
KHS Flush Point, 230 V, figure 684 04	83
KHS Flush Point, 230 V, with CONTROL-PLUS, figure 684 05	83
KHS quarter turn stop valve, with 230 V actuator, figure 686 04	87
KHS quarter turn stop valve PLUS, 230 V spring return actuator, figure 686 05	87
CONTROL-PLUS flow and temperature sensor, Hz signal, union thread, figure 138 4G	49
KHS temperature sensor Pt 1000, figure 628 0G	165
KHS free drain with overflow sensor, figure 688 00	88



KHS timer, figure 686 02 012

Particularly suitable for time-controlled flushing of terminal or infrequently flowing pipe sections, to avoid stangnation acc. to standards and guidelines, for carrying out water change measures in PWC and PWH, for shutting off drinking water installations when not in use, For connecting a maximum of one KHS flushing group, with detachable visual and / or acoustic error signal, with potential free contact for error transmission to BMS, with manual override button on control box, for wall installation, max. 16 programmable events, display with background light, min. ambient temperature 0 °C, max. ambient temperature 50 °C, protection class IP54, power supply 230 V AC, switching capacity 230 V, 2 A, floating alarm relay, max. 230 V, 2 A, own consumption 3 W

part no.	shipping weight (kg)	
6860201200	0.47	

accessories	page
KHS Flush Point, 230 V, figure 684 04	83
KHS quarter turn stop valve, with 230 V actuator, figure 686 04	87
KHS quarter turn stop valve PLUS, 230 V spring return actuator, figure 686 05	87
KHS free drain with overflow sensor, figure 688 00	88

KHS quarter turn stop valve, with 24 V actuator, figure 686 00

electrical shut-off device, can be combined with flushing system, low pressure loss, wetted metal parts made of stainless steel and gunmetal, two postition step actuator with status feedback, 90° rotatable, water hammer free operation, easy maintenance while installed, maintenance free gear, for connection to KHS Logic Control System or BMS, self-centering shaft adapter with flange for assembly on the valve, male union thread, removable inner top part TOP-ENTRY, with EPDM gasket body and stainless steel ball, free from dead spots, WRAS approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 75 °C, max. ambient temperature 55 °C, protection class IP54, power supply 24 V AC/DC, position feedback 0...10 V, elapsed time for actuated changeover 35 s, length of connection cable 1.2 m, wire cross section 5 x 0.5 mm², power input during actuation 2,8 W / 5,3 VA, power input during standstill 1,6 W / 3,2 VA

part no.	DN	connection	length (mm)	shipping weight (kg)	
6860001500	15	G 3/4	73	1.42	
6860002000	20	G 1	73	1.14	
6860002500	25	G 1 1/4	88	1.57	
6860003200	32	G 1 1/2	93	1.74	

accessories	page
KHS free drain with overflow sensor, figure 688 00	88
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
flow limiter, figure 697	88
union connections	from 98



KHS quarter turn stop valve PLUS, 24 V spring return actuator, figure 686 01

electrical shut-off device, can be combined with flushing system, low pressure loss, wetted metal parts made of stainless steel and gunmetal, two position spring return actuator with status feedback and electroless reset, 90° rotatable, water hammer free operation, easy maintenance while installed, maintenance free gear, for connection to KHS Logic Control System or BMS, self-centering shaft adapter with flange for assembly on the valve, male union thread, removable inner top part TOP-ENTRY, with EPDM gasket body and stainless steel ball, free from dead spots, DVGW approval, WRAS approved under the scope of figure 684, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 75 °C, max. ambient temperature 55 °C, protection class IP54, power supply 24 V DC, position feedback 0...10 V, elapsed time for actuated changeover 90 s, elapsed time for spring driven changeover 15 s, length of connection cable 0.9 m, wire cross section 4 x 0.75 mm², power input during actuation 3,5 W / 5 VA, power input during standstill 2,5 W

part no.	DN	connection	length (mm)	shipping weight (kg)	
6860101500	15	G 3/4	73	1.99	
6860102000	20	G 1	73	2.05	
6860102500	25	G 1 1/4	88	2.02	
6860103200	32	G 1 1/2	93	2.19	

accessories	page
KHS free drain with overflow sensor, figure 688 00	88
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
AC/DC converter, figure 686 01 001	114
flow limiter, figure 697	88
union connections	from 98



KHS quarter turn stop valve, with 230 V actuator, figure 686 04

electrical shut-off device, can be combined with flushing system, low pressure loss, wetted metal parts made of stainless steel and gunmetal, two position actuator with limit sensor and actuator cut-off, 90° rotatable, water hammer free operation, easy maintenance while installed, maintenance free gear, for integration in existing KHS mini control system, self-centering shaft adapter with flange for assembly on the valve, male union thread, removable inner top part TOP-ENTRY, with EPDM gasket body and stainless steel ball, free from dead spots, WRAS approval, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 75 °C, max. ambient temperature 55 °C, protection class IP54, power supply 230 V AC, elapsed time for actuated changeover 30 s, length of connection cable 1.2 m, wire cross section 3 x 0.75 mm², power input during actuation 2,4 W / 4,5 VA

part no.	DN	connection	length (mm)	shipping weight (kg)	
6860401500	15	G 3/4	73	1.41	
6860402000	20	G 1	73	1.14	
6860402500	25	G 1 1/4	88	1.55	
6860403200	32	G 1 1/2	93	1.72	

accessories	page
KHS free drain with overflow sensor, figure 688 00	88
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
flow limiter, figure 697	88
union connections	from 98



KHS quarter turn stop valve PLUS, 230 V spring return actuator, figure 686 05

electrical shut-off device, can be combined with flushing system, low pressure loss, wetted metal parts made of stainless steel and gunmetal, spring return actuator with electroless reset for controls with switched output, 90° rotatable, water hammer free operation, easy maintenance while installed, maintenance free gear, for integration in existing KHS mini control system, self-centering shaft adapter with flange for assembly on the valve, male union thread, removable inner top part TOP-ENTRY, with EPDM gasket body and stainless steel ball, free from dead spots, DVGW approval, WRAS approved under the scope of figure 684, according to DVGW worksheet W 570, according to accepted materials list from German environmental agency, soundproofing certification according to DIN EN ISO 3822 Class 1, DIN EN 13828, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 75 °C, max. ambient temperature 55 °C, protection class IP54, power supply 230 V AC, elapsed time for actuated changeover 90 s, elapsed time for spring driven changeover 15 s, length of connection cable 1.2 m, wire cross section 2 x 0.75 mm², power input during actuation 4,5 W / 7 VA, power input during standstill 3,5 W

part no.	DN	connection	length (mm)	shipping weight (kg)	
6860501500	15	G 3/4	73	2.05	
6860502000	20	G 1	73	1.58	
6860502500	25	G 1 1/4	88	2.51	
6860503200	32	G 1 1/2	93	2.35	

accessories	page
KHS free drain with overflow sensor, figure 688 00	88
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
flow limiter, figure 697	88
union connections	from 98

flow limiter, figure 697

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, for pressure independent flow limitration, inlet union nut, outlet male thread, free from dead spots, for any installation position, WRAS approved under the scope of figure 684, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 65 °C

part no.	DN	flow rate (I/min)	connection	length (mm)	shipping weight (kg)	
6970101500	15	4	G 3/4	37	0.14	
6970201500	15	10	G 3/4	37	0.13	
6970301500	15	20	G 3/4	37	0.13	
6970102000	20	38	G 1	37	0.17	
6970102500	25	70	G 1 1/4	37	0.31	
6970103200	32	110	G 1 1/2	38	0.40	

KHS free drain with overflow sensor, figure 688 00

to protect against overflow due to drain block, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, easy maintenance while installed, for connection to KHS control systems, KHS timer set and leak detection systems, for use in combination with KHS quarter turn stop valves, female pipe thread, free drain according to EN 1717 with integrated overflow sensor, overflow sensor as NCC in delivery status, can be changed to NOC when turned, for vertical installation, WRAS approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, protection class IP68, switching capacity 230 V, 0,04 A, length of connection cable 1 m, wire cross section 2 x 0.25 mm²







CONTROL-PLUS flow and temperature sensor, Hz signal, union thread, figure 138 4G

frequency output signal, for the accurate measurement of flow rates and temperatures in drinking water systems, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, sensor housing for low pressure loss, up to 50% of measuring range: divergence max. 1% of full-scale reading, from 50% of measuring range: deviation max. 2% of measured value, for connection to the KHS control systems, male union thread, free from dead spots, with vortex flow sensor that includes a 2-wire Pt1000, 5-pin M12x1 interface, readout and display of values via additional available KHS potable measuring instrument, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, min. flow velocity 0.2 m/s, max. flow velocity 2.5 m/s, min. operating temperature 0 °C, max. operating temperature 100 °C, protection class IP65, power supply 5 V DC,

note: optional cable M12x1 required for connection to KHS control systems, DN 10 is recommended for use with flow limiter 2 l/min

part no.	DN	connection	measurement range (l/min)	length (mm)	shipping weight (kg)	
1384G01000	10	G 3/4	0.9 - 15	65	0.31	
1384G01500	15	G 3/4	1.8 - 32	65	0.29	
1384G02000	20	G 1	3.5 - 50	75	0.38	
1384G02500	25	G 1 1/4	5 - 85	86	0.52	
1384G03200	32	G 1 1/2	9 - 150	109	0.70	
1384G04000	40	G 1 3/4	11 - 188	109	0.89	
1384G05000	50	G 2 3/8	18 - 316	113	1.33	

accessories	page
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
CONTROL-PLUS portable measuring instrument for sensors, figure 138 00 005	51
sensor measuring module, figure 138 00 011	52
M12x1 cable with loose litz wires, figure 138 00 012	50
union connections	from 98

CONTROL-PLUS flow and temperature sensor, 4 - 20 mA signal, union thread,

standard industrial signal (4 to 20 mA), for the accurate measurement of flow rates and temperatures in drinking water systems, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, sensor housing for low pressure loss, up to 50% of measuring range: divergence max. 1% of full-scale reading, from 50% of measuring range: deviation max. 2% of measured value, for connection to the building management system (BMS), male union thread, free from dead spots, with vortex flow sensor that includes a 2-wire Pt1000, 5-pin M12x1 interface, WRAS approval, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 10, min. flow velocity 0.2 m/s, max. flow velocity 2.5 m/s, min. operating temperature 0 °C, max. operating temperature 100 °C, protection class IP65, power supply 8...33 V DC,

note: incl. M12x1 cable with loose litz wires, DN 10 is recommended for use with flow limiter 2 l/min

part no.	DN	connection	measurement range (I/min)	length (mm)	shipping weight (kg)	
1386G01000	10	G 3/4	0.9 - 15	65	0.36	
1386G01500	15	G 3/4	1.8 - 32	65	0.35	
1386G02000	20	G 1	3.5 - 50	75	0.31	
1386G02500	25	G 1 1/4	5 - 85	86	0.57	
1386G03200	32	G 1 1/2	9 - 150	109	0.74	
1386G04000	40	G 1 3/4	11 - 188	109	0.94	
1386G05000	50	G 2 3/8	18 - 316	113	1.37	

accessories	page
insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19	103
union connections	from 98

KTS Water Heater, single station and cascade, copper-soldered, figure 915

as a central domestic hot water heater according to the continuous flow principle, copper soldered stainless steel plate heat exchanger, includes thermal disinfection option according to DVGW W 551, integrated pump for primary side (heating), pulse train controlled pump, materials suitable for drinking and heating water, lime scale protection due to patented tilted position of plate heat exchanger, to control hot water heating and reloading of buffer tank, integrated MASTER/SLAVE method for cascade rotation, for hygienic supply of hot water and hot water circulation according to latest standards, wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics, wetted parts on the heating side made of gunmetal, stainless steel, cast grey iron and brass, plate heat exchanger made of stainless steel grade 1.4401/1.4404, includes option to compensate for offset in walls, insulating shell made of EPP with separated hot and cold areas to avoid heat loads on the cold water and protect the controller and pump electronics from high temperatures , with patented chimney effect to make efficient use of the pump life, Adaptive controller for high control quality, includes two temperature sensors with 7 metres pipe length for mounting on the buffer tank, Up to 8 devices possible, standard BMS compatibility via RS485 interface (Modbus-RTU), with patented measuring track to detect volume flow from 1.6 l/min, includes two vortex flow sensors with integrated 2-wire Pt1000, includes 10 bar pressure relief valve installed at factory, sample valve can be retrofitted, includes four DN 32 quarter turn stop valves with insulation shells, flush point can be integrated to avoid stagnation in the cold-water pipe in the case of interruptions in operation, Connection to power supply with type F safety plug, includes 32 GB data logger to fulfil operator's obligations, includes commissioning wizard, includes optimisation function with suggestion for reducing the flow temperature to save energy, includes sensor for detecting the return temperature, control range for 60°C drinking water from 2 K overtemperature, additional sensors can be connected for detecting the cold water and circulation entry temperature, adjustable hot water temperature for pipework contents < 3 I up to 30°C optional, with the option of BACNet connection, according to accepted materials list from German environmental agency, building material class B2 according to DIN 4102, CE marking, VDE declaration of conformity, RoHS approval, adjustable temperature range for PWH 30°C to 70°C, adjustable temperature range for thermal disinfection 70°C to 90°C, max. operating temperature primary side 95 °C, max. operating temperature secondary side 80 °C, max. working pressure 1 MPa, given abstraction rates at PWH = 60°C with PWC = 10°C and water temperature in buffer tank = 80°C, Water content per fresh water station (heating side) Device M = 2.23 litres, Device L = 3.28 litres, Water content per fresh water station (drinking water side) Appliance M = 2.48 litres, appliance L = 3.53 litres

part no.	Type of design	min. abstraction rate (l/min)	max. Abstraction Rate (l/min)	
9152010100	single unit M	1.6	75	
9152000200	2-stage cascade M	1.6	150	
9152000300	3-stage cascade M	1.6	225	
9152000400	4-stage cascade M	1.6	300	
9152000500	5-stage cascade M	1.6	375	
9153010100	single unit L	1.6	120	
9153000200	2-stage cascade	1.6	240	
9153000300	3-stage cascade	1.6	360	
9153000400	4-stage cascade	1.6	480	
9153000500	5-stage cascade	1.6	600	

Commissioning of the KEMPER KTS ThermoSystem

plant commissioning on request

KTS Water Heater, single station and cascade, stainless steel, figure 925



as a central domestic hot water heater according to the continuous flow principle, welded stainless steel plate heat exchanger, for hygienic supply of hot water and hot water circulation according to latest standards, wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics, plate heat exchanger made of stainless steel grade 1.4401/1.4404, includes thermal disinfection option according to DVGW W 551, integrated pump for primary side (heating), pulse train controlled pump, materials suitable for drinking and heating water, lime scale protection due to patented tilted position of plate heat exchanger, to control hot water heating and reloading of buffer tank, integrated MASTER/SLAVE method for cascade rotation, wetted parts on the heating side made of gunmetal, stainless steel, cast grey iron and brass, includes option to compensate for offset in walls, insulating shell made of EPP with separated hot and cold areas to avoid heat loads on the cold water and protect the controller and pump electronics from high temperatures, with patented chimney effect to make efficient use of the pump life, Adaptive controller for high control quality, includes two temperature sensors with 7 metres pipe length for mounting on the buffer tank, Up to 8 devices possible, standard BMS compatibility via RS485 interface (Modbus-RTU), with patented measuring track to detect volume flow from 1.6 l/min, includes two vortex flow sensors with integrated 2-wire Pt1000, includes 10 bar pressure relief valve installed at factory, sample valve can be retrofitted, includes four DN 32 quarter turn stop valves with insulation shells, flush point can be integrated to avoid stagnation in the cold-water pipe in the case of interruptions in operation, Connection to power supply with type F safety plug, includes 32 GB data logger to fulfil operator's obligations, includes commissioning wizard, includes optimisation function with suggestion for reducing the flow temperature to save energy, includes sensor for detecting the return temperature, control range for 60°C drinking water from 2 K overtemperature, additional sensors can be connected for detecting the cold water and circulation entry temperature, adjustable hot water temperature for pipework contents < 3 l up to 30°C optional, with the option of BACNet connection, according to accepted materials list from German environmental agency, building material class B2 according to DIN 4102, CE marking, VDE declaration of conformity, RoHS approval, adjustable temperature range for PWH 30°C to 70°C, adjustable temperature range for thermal disinfection 70°C to 90°C, max. operating temperature primary side 95 °C, max. operating temperature secondary side 80 °C, max. working pressure 1 MPa, given abstraction rates at PWH = 60°C with PWC = 10°C and water temperature in buffer tank = 80°C, Water content per fresh water station (heating side) Device M = 2.23 litres, Device L = 3.28 litres, Water content per fresh water station (drinking water side) Appliance M = 2.48 litres, appliance L = 3.53 litres

part no.		min. abstraction rate (l/min)	max. Abstraction Rate (I/min)	
9252010100	single unit M	1.6	75	
9252000200	2-stage cascade M	1.6	150	
9252000300	3-stage cascade M	1.6	225	
9252000400	4-stage cascade M	1.6	300	
9252000500	5-stage cascade M	1.6	375	
9253010100	single unit L	1.6	120	
9253000200	2-stage cascade	1.6	240	
9253000300	3-stage cascade	1.6	360	
9253000400	4-stage cascade	1.6	480	
9253000500	5-stage cascade	1.6	600	

Commissioning of the KEMPER KTS ThermoSystem

plant commissioning on request

CCESSORIES



Temperature sensor set for KTS Water Heaters, figure 916 02 021

for connecting to the KTS Water Heater, for detecting the circulation and cold water entry temperature, tolerance class A, two-wire technology, protection class IP67, operating range 0°C to 100 °C

part no.

9160202100



BACnet gateway for KTS Water Heaters, figure 916 02 022

device to expand interface the Water Heater, for connecting to the KTS system to the building management system via BACnet IP, installation on DIN TS35 top-hat rail in accordance with EN60715, CE marking, BTL certified, min. ambient temperature 0 °C, max. ambient temperature 45 °C, permissible ambient humidity 20–80%rh, non-condensing, operating voltage 12 - 24 V AC/DC

part no.	shipping weight (kg)
9160202200	0.36

ACCESSORIES

KTS ThermoTank S, buffer tank PN 6, figure 960

insulated buffer tank, for heating water, with baffle plate for temperature stratification, the tank has 8 sideways ports and one upper connecting port for pipework, female pipe thread, building material class B1 according to DIN 4102, pressure rating PN 6, max. operating temperature 95 °C, thermal conductivity 0.0316 W/mK

part no.	volume of coolant (I)	diameter (mm)	height (mm)	energy efficien- cy class	heat losses (W)	shipping weight (kg)	
9600050000	500	650	1670	В	75	144.00	
9600085000	850	750	2215	C	101	222.00	
9600100000	1000	790	2215	C	110	214.00	
9601100000	1000	850	2000	С	118	222.00	
9600150000	1500	1000	2340	С	143	337.00	
9600200000	2000	1100	2360	C	160	427.00	

Caution: "diameter" measurement w/o insulation! for further measurements, see data sheet at www.kemper-group.com/produkt-katalog



KTS ThermoTank S, buffer tank PN 10, figure 970

insulated buffer tank, for heating water, with baffle plate for temperature stratification, the tank has 8 sideways ports and one upper connecting port for pipework, female pipe thread, building material class B1 according to DIN 4102, pressure rating PN 10, max. operating temperature 95 °C, thermal conductivity 0.0316 W/mK

part no.	volume of coolant (l)	diameter (mm)	height (mm)	energy efficien- cy class	heat losses (W)	shipping weight (kg)	
9700050000	500	650	1670	В	75	133.00	
9700100000	1000	790	2215	C	110	216.00	
9700150000	1500	1000	2340	C	143	361.00	

Caution: "diameter" measurement w/o insulation! for further measurements, see data sheet at www.kemper-group.com/produkt-katalog



KTS ThermoTank S, buffer tank PN 6, for use with heating element, figure 965

insertion of three heating elements possible (ports A4), insulated buffer tank, for heating water, with baffle plate for temperature stratification, memory features 8 side connections, 1 topside connection and 3 additional connections arranged on the side for using electric heating elements, female pipe thread, building material class B1 according to DIN 4102, pressure rating PN 6, max. operating temperature 95 °C, thermal conductivity 0.0316 W/mK,

note: Maximum possible length of heating cartridges corresponds to installation dimension D1

part no.	volume of coolant (I)	diameter (mm)	height (mm)	energy efficien- cy class	heat losses (W)	shipping weight (kg)	
9650050000	500	650	1670	В	75	144.00	
9650100000	1000	790	2220	С	110	214.00	

Caution: "diameter" measurement w/o insulation! for further measurements, see data sheet at www.kemper-group.com/produkt-katalog







PLUS connecting set for KTS ThermoTank, installation with 3-way directional reversing valve, figure 955 05

to connect the KTS ThermoTank to the heating pipework, installation with 3-way changeover valve (optional extra), consisting of 5 ball valves with insulation shell, 6 carbon steel nipples, all required plugs, 1 T-piece and 1 drain valve, to connect the KTS ThermoTank to the heating pipework, for shut off for maintenance and repair, pressure rating PN 10, max. operating temperature 90 °C

part no.	for ThermoTank	
9550501000	500 l	
9550502000	850 / 1000	
9550503000	1500 / 2000	





connection kit for KTS ThermoTank, installation without 3-way directional reversing valve, figure 955 06

to connect the ThermoTank to the heating pipework, installation without 3-way changeover valve (optional extra), consisting of 4 ball valves with insulation shell, 5 carbon steel nipples, all required plugs, 1 T-piece and 1 drain valve, to connect the KTS ThermoTank to the heating pipework, for shut off for maintenance and repair, pressure rating PN 10, max. operating temperature 90 °C

part no.	for ThermoTank	
9550601000	500 l	
9550602000	850 I / 1000 I	
9550603000	1500 / 2000	





KTS 3-way valve, DN 32 to DN 50, figure 916 02

for heating water, for temperature controlled switching, for optimising layer formation in the buffer tank in combination with KTS Water Heater, female pipe thread, pressure rating PN 40, max. operating temperature 130 °C

part no.	DN	female thread	shipping weight (kg)	
9160203200	32	Rp 1 1/4	1.91	
9160204000	40	Rp 1 1/2	2.33	
9160205000	50	Rp 2	3.40	





KTS 3-way valve, DN 65 to DN 80, figure 916 02

for heating water, for temperature controlled switching, for optimising layer formation in the buffer tank in combination with KTS Water Heater, flange connection, pressure rating PN 6, max. operating temperature 110 °C

part no.	DN	shipping weight (kg)	
9160206500	65	11.35	
9160208000	80	17.44	

backing ring for stub flange, figure 410 00



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, according to accepted materials list from German environmental agency, similar to DIN 2642, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 200 °C

part no.	DN	hole pattern (PN)	bolt holes	shipping weight (kg)	
4100004000	40	10/16	4	2.07	
4100005000	50	10/16	4	2.44	
4100006500	65	10/16	4	2.92	
4100008000	80	10/16	8	3.53	
4100010000	100	10/16	8	3.92	
4100012500	125	10/16	8	4.79	
4100015000	150	10/16	8	6.03	



stub flange, figure 425 00

for use with backing ring, made of copper, according to accepted materials list from German environmental agency, pressure rating PN 10, max. operating temperature 200 °C

part no.	DN	connection (mm)	length (mm)	shipping weight (kg)	
4250001500	15	15	9	0.03	
4250001800	15	18	9	0.03	
4250002000	20	22	10.5	0.05	
4250002500	25	28	13	0.07	
4250003200	32	35	15	0.09	
4250004000	40	42	15	0.10	
4250005000	50	54	17	0.16	
4250007600	65	76	21	0.19	
4250008900	80	89	23	0.23	
4250010800	100	108	19	0.40	
4250013300	125	133	22	0.62	



threaded flange, figure 426 00

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, according to accepted materials list from German environmental agency, similar to DIN 2566, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 200 °C

part no.	DN	hole pattern (PN)	bolt holes	shipping weight (kg)	
4260001500	15	10/16	4	0.68	
4260002000	20	10/16	4	0.98	
4260002500	25	10/16	4	1.20	
4260003200	32	10/16	4	1.60	
4260004000	40	10/16	4	1.81	
4260005000	50	10/16	4	2.49	
4260006500	65	10/16	4	3.33	
4260008000	80	10/16	8	4.12	
4260010000	100	10/16	8	4.76	

gasket, figure 428 00



Centellen®, plastic parts according to KTW recommendations, according to accepted materials list from German environmental agency, pressure rating PN 25, max. operating temperature 200 °C

part no.	DN	shipping weight (kg)	
4280001500	15	0.01	
4280002000	20	0.01	
4280002500	25	0.01	
4280003200	32	0.01	
4280004000	40	0.02	
4280005000	50	0.02	
4280006500	65	0.03	
4280008000	80	0.03	
4280010000	100	0.03	
4280012500	125	0.03	
4280015000	150	0.05	



hexagonal bolt and nut, figure 429 M

made of stainless steel 1.4301 (304), with hex nut

part no.	for DN	diameter (mm)	length (mm)	shipping weight (kg)	
429M125000	15-25	12	50	0.07	
429M165000	32-50	16	50	0.13	
429M166000	65-125	16	60	0.15	
429M207500	150-200	20	75	0.29	

gunmetal solder union connector, figure 476 04

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with coupling nut for flat sealing connection thread including EPDM gasket, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	diameter (mm)	connection	length (mm)	shipping weight (kg)	
4760401500	15	15	G 3/4	20	0.06	
4760411800	15	18	G 3/4	19	0.06	
4760401800	20	18	G 1	21	0.07	
4760402000	20	22	G 1	21	0.07	
4760402500	25	28	G 1 1/4	24	0.12	
4760403200	32	35	G 1 1/2	29	0.15	
4760404000	40	42	G 1 3/4	36	0.25	
4760405000	50	54	G 2 3/8	43	0.41	



gunmetal union connector, union nut, FPT, figure 476 06

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with coupling nut for flat sealing connection thread including EPDM gasket, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	female thread	connection	length (mm)	shipping weight (kg)	
4760601500	15	Rp 1/2	G 3/4	57	0.14	
4760602000	20	Rp 3/4	G 1	60	0.19	
4760602500	25	Rp 1	G 1 1/4	67	0.29	
4760603200	32	Rp 1 1/4	G 1 1/2	71	0.41	
4760604000	40	Rp 1 1/2	G 1 3/4	72	0.50	
4760605000	50	Rp 2	G 2 3/8	82	0.77	
4760606500	65	Rp 2 1/2	G 3	84	1.35	
4760608000	80	Rp 3	G 3 1/2	94	1.92	



gunmetal union connector, union nut, FPT, with drain valve, figure 476 07

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with coupling nut for flat sealing connection thread including EPDM gasket, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	female thread	connection	length (mm)	shipping weight (kg)	
4760701500	15	Rp 1/2	G 3/4	57	0.20	
4760702000	20	Rp 3/4	G 1	60	0.26	
4760702500	25	Rp 1	G 1 1/4	67	0.37	
4760703200	32	Rp 1 1/4	G 1 1/2	71	0.47	
4760704000	40	Rp 1 1/2	G 1 3/4	72	0.57	
4760705000	50	Rp 2	G 2 3/8	82	0.83	



gunmetal union connector, union nut, MPT, figure 476 08



wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with coupling nut for flat sealing connection thread including EPDM gasket, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	male thread	connection	length (mm)	shipping weight (kg)	
4760801500	15	R 1/2	G 3/4	29.5	0.08	
4760802000	20	R 3/4	G 1	33	0.12	
4760802500	25	R 1	G 1 1/4	37	0.18	
4760803200	32	R 1 1/4	G 1 1/2	41	0.22	
4760804000	40	R 1 1/2	G 1 3/4	42	0.31	
4760805000	50	R 2	G 2 3/8	53	0.54	
4760806500	65	R 2 1/2	G 3	63	0.86	
4760808000	80	R 3	G 3 1/2	68	1.29	



solder / pressfit union connector, figure 476 14

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with coupling nut for flat sealing connection thread including EPDM gasket, for solder and press connection, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	diameter (mm)	connection	length (mm)	shipping weight (kg)	
4761401500	15	15	G 3/4	39	0.07	
4761401800	15	18	G 3/4	37	0.07	
4761402000	20	22	G 1	42	0.10	
4761402500	25	28	G 1 1/4	47	0.21	
4761403200	32	35	G 1 1/2	50	0.27	
4761404000	40	42	G 1 3/4	59	0.30	
4761405000	50	54	G 2 3/8	63	0.50	



pressfit union connector, MAPRESS stainless steel and copper, figure 476 22

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, with coupling nut for flat sealing connection thread including EPDM gasket, press connection for Geberit MAPRESS pipe, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	press fit (mm)	connection	length (mm)	shipping weight (kg)	
4762201500	15	15	G 3/4	31	0.08	
4762201800	15	18	G 3/4	31	0.08	
4762202000	20	22	G 1	32	0.11	
4762202500	25	28	G 1 1/4	36	0.18	
4762203200	32	35	G 1 1/2	39	0.22	
4762204000	40	42	G 1 3/4	43	0.26	
4762205000	50	54	G 2 3/8	50	0.47	

KEMPER



pressfit union connector, SANPRESS and PROFIPRESS, figure 476 30

made of silicon bronze or gunmetal, with coupling nut for flat sealing connection thread including EPDM gasket, press connection for Viega SANPRESS SST pipe and PROFIPRESS copper pipe, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	press fit (mm)	connection	length (mm)	shipping weight (kg)	
4763001500	15	15	G 3/4	34	0.07	
4763001800	15	18	G 3/4	36.5	0.08	
4763002000	20	22	G 1	39	0.11	
4763002500	25	28	G 1 1/4	41.5	0.15	
4763003200	32	35	G 1 1/2	43.5	0.20	
4763004000	40	42	G 1 3/4	58	0.35	
4763005000	50	54	G 2 3/8	54	0.55	
4763006500	65	76	G 3	97	1.66	
4763008000	80	89	G 3 1/2	97	2.00	



pressfit union connector, SANHA and NiroSan, figure 476 35

made of silicon bronze or gunmetal, with coupling nut for flat sealing connection thread including EPDM gasket, press connection for SANHA and NiroSan pipe, according to accepted materials list from German environmental agency, DIN EN 1213

part no.	DN	press fit (mm)	connection	length (mm)	shipping weight (kg)	
4763501500	15	15	G 3/4	26	0.06	
4763501800	15	18	G 3/4	28	0.08	
4763502000	20	22	G 1	33	0.10	
4763502500	25	28	G 1 1/4	36	0.15	
4763503200	32	35	G 1 1/2	41	0.18	
4763504000	40	42	G 1 3/4	48	0.27	
4763505000	50	54	G 2 3/8	54	0.43	



pressfit union connector, MAPRESS stainless steel, figure 476 20

wetted parts made of stainless steel, with coupling nut for flat sealing connection thread including EPDM gasket, press connection Geberit MAPRESS, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT

part no.	DN	press fit (mm)	connection	length (mm)	shipping weight (kg)	
4762001500	15	15	G 3/4	31	0.07	
4762001800	15	18	G 3/4	31	0.07	
4762002000	20	22	G 1	32	0.10	
4762002500	25	28	G 1 1/4	36	0.17	
4762003200	32	35	G 1 1/2	39	0.20	
4762004000	40	42	G 1 3/4	43	0.24	
4762005000	50	54	G 2 3/8	50	0.43	
4762006500	65	76	G 3	86	0.78	
4762008000	80	89	G 3 1/2	96	1.13	

pressfit union connector, SANPRESS INOX, figure 476 70

wetted parts made of stainless steel, with coupling nut for flat sealing connection thread including EPDM gasket, press connection Viega SANPRESS INOX, Screw connection made of brass, nickel plated, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT

part no.	DN	press fit (mm)	connection	length (mm)	shipping weight (kg)	
4767001500	15	15	G 3/4	34	0.06	
4767001800	15	18	G 3/4	35	0.07	
4767002000	20	22	G 1	39	0.10	
4767002500	25	28	G 1 1/4	42	0.15	
4767003200	32	35	G 1 1/2	44	0.19	
4767004000	40	42	G 1 3/4	58	0.30	
4767005000	50	54	G 2 3/8	64	0.52	



pressfit union connector, MEPLA, figure 476 40

with union and gasket for flat sealing connection, press connection for Geberit MEPLA pipe, according to accepted materials list from German environmental agency, DIN EN 1213, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	da x s (mm)	connection	length (mm)	shipping weight (kg)	
4764001600	15	16 x 2.25	G 3/4	39.5	0.06	
4764001500	15	20 x 2.5	G 3/4	42	0.08	
4764002000	20	26 x 3.0	G 1	48	0.14	
4764002500	25	32 x 3.0	G 1 1/4	46.5	0.21	
4764003200	32	40 x 3.5	G 1 1/2	53	0.37	
4764004000	40	50 x 4.0	G 1 3/4	73	0.63	
4764005000	50	63 x 4.5	G 2 3/8	103	1.13	



adaptor, double union nut, figure 101 06

for combination with KEMPER valves with male thread, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	connection	length (mm)	shipping weight (kg)	
1010601500	15	G 3/4	56	0.17	
1010602000	20	G 1	60	0.26	
1010602500	25	G 1 1/4	61	0.42	
1010603200	32	G 1 1/2	64	0.48	
1010604000	40	G 1 3/4	55	0.54	
1010605000	50	G 2 3/8	67	1.10	

CESSORIES

insulation shell for inclined stop valves, figure 471 10



for stop valves, closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C,

note: not suitable for stop valve with flange connection

part no.	DN	shipping weight (kg)	
4711001500	15	0.02	
4711002000	20	0.02	
4711002500	25	0.03	
4711003200	32	0.05	
4711004000	40	0.06	
4711005000	50	0.08	



insulation shell for MULTI-THERM thermostatic balancing valve, figure 471 11

closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	DN	shipping weight (kg)	
4711101500	15	0.02	
4711102000	20	0.02	
4711102500	25	0.03	



insulation shell for MULTI-FIX-PLUS static balancing valve, as of 01/2017, figure 471 26

suitable for figure 150 6G and figure 151 06, closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	DN	shipping weight (kg)	
4712601500	15	0.02	
4712602000	20	0.02	
4712602500	25	0.01	
4712603200	32	0.01	
4712604000	40	0.03	
4712605000	50	0.09	



insulation shell for UP-PLUS and ETA-THERM valves, figure 471 14

closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	for DN	shipping weight (kg)	
4711400000	15-20	0.02	
4711400100	25-32	0.02	



insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19

closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 $^{\circ}$ C, max. operating temperature 90 $^{\circ}$ C

part no.	for DN	shipping weight (kg)	
4711902000	15-20	0.01	
4711902500	25-32	0.02	



Insulation shell for Flow-Splitter, figure 471 20

simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, one-piece molded part made of closed-cell foamed polyethylene, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	DN	shipping weight (kg)	
4712001500	15	0.10	
4712002000	20	0.11	
4712002500	25	0.12	
4712003200	32	0.15	
4712004000	40	0.20	
4712005000	50	0.21	



insulation shell for MULTI T-PIECE, figure 471 28

suitable for MULTI T-PIECE figure 128 0G, KHS temperature sensor Pt1000 figure 628 0G and temperature sensor for KHS HS2 Hygiene Flush Box figure 689 00, closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	for DN	shipping weight (kg)	
4712801500	15	0.05	
4712802000	20	0.05	
4712802500	25	0.04	
4712803200	32	0.05	
4712804000	40	0.05	
4712805000	50	0.09	



777

insulation shell for KHS CoolFlow cold water balancing valve, figure 471 27

suitable for KHS CoolFlow cold water balancing valve Figs. 615 0G, 616 0G and 617 0G, closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	DN	shipping weight (kg)	
4712701500	15	0.02	

insulation shell for ball valve, figure 471 24

suitable for Fig. 351 00, removable and re-usable insulation shell for ball valves with thread connections, made of expanded polypropylene, interlocking half-shells, to meet the requirements of GEG 2023, building material class B2 according to DIN 4102, max. operating temperature 110 °C

part no.	DN	shipping weight (kg)	
4712401500	15	0.01	
4712402000	20	0.02	
4712402500	25	0.03	
4712403200	32	0.04	
4712404000	40	0.05	
4712405000	50	0.09	

insulation shell for stop valve water meter combinations CLASSIC, figure 471 16



closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	shipping weight (kg)	
4711600000	0.08	

insulation shell for stop valve water meter combinations CLASSIC VAV, figure 471 17



closed-cell foamed polyethylene, sound insulation, simple installation using the insulation clips or diffusion-resistant lockable using standard adhesives, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, CE marking, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	shipping weight (kg)	
4711700000	0.10	

insulation shell for stop valve water meter box, figure 471 18



a one-piece moulding of expanded polystyrene, sound insulation, with perforated edges for measuring capsules, fastening in the stop valve water meter box by means of clamping based on the design, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	shipping weight (kg)	
4711800000	0.03	



drain valve made of gunmetal/plastic, figure J7109 173 00

can be attached to all Kemper valves with test/drain-port, rotatable hose connection element G 3/4 with cap and hanger, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, EPDM-seat gasket, rotating and plug-in cap, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. operating temperature 110 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
J71091730000600	8	15-50	15-25	0.08	
J71091730001000	10	65-80	32-150	0.10	



axial drain valve made of gunmetal, figure J7109 170 00

can be attached to all Kemper valves with test/drain-port, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, EPDM-seat gasket, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, max. operating temperature 110 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
J71091700000600	8	15-50	15-25	0.03	



extension element for drain valve DN 8, figure J6109 473 00

can be attached to all Kemper valves with test/drain-port, made of gunmetal, length 35 mm, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
J61094730000600	8	15-50	15-25	0.06	



drain valve, figure J7120 073 00

can be attached to all Kemper valves with test/drain-port, rotatable hose connection element G 3/4 with cap and hanger, wetted parts made of stainless steel, rotating and plug-in cap, EPDM-seat gasket, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17049, WIEN-ZERT, max. operating temperature 110 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
J71200730000600	8	15-50	15-25	0.09	



axial drain valve and immersion sleeve, figure J7109 150 00

suitable for valves with front drain port and for insertion of a temperature sensor, according to accepted materials list from German environmental agency, max. operating temperature 110 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
J71091500000600	8	15-50	15-25	0.10	

differential pressure measurement set, figure 360 99



for the prescribed annual maintenance of RPZ backflow preventers according to DIN EN 806-5, Suitable for carrying out maintenance of RPZ backflow preventers according to DN EN 1717, Suitable for the following articles: RPZ backflow preventer type BA Fig. 360 0G/361 01, FK-4 RPZ backflow preventer outlet valve type BA Fig. 367 01, RPZ backflow preventer outlet valve type BA for apartments Fig. 368 02, FILL-MATIC 4 Cobi filling valve, type BA for heating systems Fig. 365 0G and controllable anti-pollution check valve EA, A test coupling piece for FK-4 and type BA for apartments (Figure 367 06) is required for maintaining the FK-4 backflow preventer outlet valves type BA DN 20 to DN 50 (Figure 367 01), for drinking water, according to accepted materials list from German environmental agency, measurement range 0 - 0,1 MPa, increment 0.02 MPa

part no.	shipping weight (kg)		EUR
3609900100	5.62	1	2282.52



test valve with union adaptor for inspection of RPZ valves FK-4, figure 367 06

to test the function of FK-4 RPZ backflow preventer using the differencial pressure measurement set (figure 360 99), according to accepted materials list from German environmental agency

part no.	for DN	shipping weight (kg)	PG	EUR
3670601500	10-15	0.16	1	86.66
3670602000	20	0.19	1	92.84
3670602500	25	0.26	1	105.95
3670605000	50	0.40	1	129.24



locking operating handle for FK-4, figure 367 05 001

to secure the tap, for subsequent installation on FK-4 RPZ backflow preventer outlet type BA, figure 367 01, year of construction 2014 and later, consisting of polished chrome-plated operating handle with lock and two bit keys

part no.	for DN	shipping weight (kg)	PG	EUR
3670500100	15-20	0.25	1	82.88



test valve set for inspection of RPZ valves FK-4, figure 367 07

to test the function of FK-4 RPZ backflow preventer using the differencial pressure measurement set (figure 360 99), for connection to primary and reduced pressure zone, for all dimensions, according to accepted materials list from German environmental agency

part no.	shipping weight (kg)	PG	EUR
3670700200	0.19	1	73.20



water sensor, figure 620 00 001

to be connected to KEMPER leak-detection system, to detect water on ground (min. 0,5 mm), with 4 mm bolt hole for wall fastening

part no.	shipping weight (kg)	PG	EUR
6200000100	0.04	1	80.01



FK-5 Water Supply Set Plus, figure 369 01

Quarter turn stop valve with actuator and connection accessories, pre-assembled, wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics, for connecting a rainwater utilisation unit to the FK-5 safety isolation station, suitable as a second drinking water connection, Connection to the pipe by enclosed flex pipe (500mm), isolating valve with DVGW approval, plastic parts with KTW and W 270 approval, soundproofing certification according to DIN EN ISO 3822 Class 1, pressure rating PN 10, max. operating temperature 50 °C,

note: suitable for break tank station FK-5, Production until 2024

part no.	DN	connection	shipping weight (kg)	PG	EUR
3690102000	20	G 1	1.80	1	731.99
3690102500	25	G 1 1/4	2.23	1	802.23



FK-5 PRO supply set, figure 369 50 025

Quarter turn stop valve with actuator and connection accessories, pre-assembled, wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics, for connecting a rainwater utilisation unit to the FK-5 safety isolation station, suitable as a second drinking water connection, Connection to the pipe by enclosed flex pipe (500mm), isolating valve with DVGW approval,

note: suitable for break tank station FK-5 PRO, Production from 2025

part no.	shipping weight (kg)	PG	EUR
3695002500	2.23	1	568.54



FK-5 and FK-5 PRO tank cleaning unit, figure 369 02

solenoid valve with connection accessories, for installation in the storage tank of the FK-5 and FK-5 PRO break tank station, allows the receiver tank of the FK-5 break tank station to be cleaned and flushed, max. operating temperature 50 °C,

note: suitable for break tank station FK-5 (production until 2024) and break tank station FK-5 PRO (production from 2025)

part no.	shipping weight (kg)	PG	EUR
3690200100	0.61	1	359.35



FK-5 and FK-5 PRO overflow sensor, figure 369 04

for installation in the drain connection of the FK-5 and FK-5 PRO break tank station, to protect against overflow due to drain block,

note: suitable for break tank station FK-5 (production until 2024) and break tank station FK-5 PRO (production from 2025)

part no.	shipping weight (kg)	PG	EUR
3690400100	0.16	1	151.12

Connection-set for FK-5, figure 369 27

Accessories: backflow prevention

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, consisting of: expansion vessel 33 liters, double nipple R 1 x G 1, Y-strainer figure 602 00 Rp 1, easily replaceable double mesh made of stainless steel, for any installation position, for connection of the FK-5 break tank Figure 369,

note: suitable for break tank station FK-5, Production until 2024

part no.	shipping weight (kg)		EUR
3692700100	6.45	1	568.54



FK-5 PRO connection set, figure 369 57 001

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, easily replaceable double mesh made of stainless steel, for any installation position, for connection of the FK-5 break tank Figure 369,, plastic parts with KTW and W 270 approval, pressure rating PN 16, max. operating temperature 50 °C,

note: suitable for break tank station FK-5 PRO, Production from 2025

part no.	shipping weight (kg)	PG	EUR
3695700100	6.87	1	802.23



FK-5 and FK-5 PRO rack, figure 369 03

allows the FK-5 break tank station to be installed on the ground, sound-insulation, adjustable rubber feet, height 345-380 mm, set of 2 units,

note: suitable for break tank station FK-5 (production until 2024) and break tank station FK-5 PRO (production from 2025)

part no.	shipping weight (kg)		EUR
3690300100	5.83	1	284.39

Accessories: pressure reducing valves and filter





manometer with rear connection G 1/4, figure T5100 700 00 001

suitable for pressure reducing valve, filter, and safety groups according to figure 710, 712, 713, 714, 715 and 716, pressure scale 0 to 10 bar, connection G 1/4, according to accepted materials list from German environmental agency

part no.	shipping weight (kg)	
T51007000000100	0.10	



manometer with below connection G 1/4, figure T5100 700 00 002

suitable for pressure reducing valve, filter, and safety groups according to figure 710, 712, 713, 714, 715 and 716, pressure scale 0 to 10 bar, connection G 1/4, according to accepted materials list from German environmental agency

part no.	shipping weight (kg)	
T51007000000200	0.11	



automatic backwash module for filter F and DMF, figure 712 99 004

for filter F figure 712 0G and DMF figure 713 0G, fully automated electronic backwash, with motorized isolation function, electric supply via Schuko plug, delayed automatic shut off by battery in case of power cut (accessorie), settings will be conserved in case of power cut, including system check and interval indicator, interval for back flush adjustable via display between 1 hour and 61 days, radio shielded, min. ambient temperature 0 °C

part no.	shipping weight (kg)	
7129900400	1.27	

REGULATING VALVES

MEASURING VALVES

SAMPLING VALVES

FLUSH-MOUNTED VALVES

WATER METER

OUTDOOR TAP

Accessories: balancing- and measuring valves





Pt 1000 temperature sensor, figure T5100 140 00

temperature sensor for connection to BMS, temperature range 0 - 100 °C, four-wire technology, tolerance class A, for insertion in the isolating unit of the MULTI-THERM circulation balancing valve, the measuring nozzles of the MULTI-FIX-PLUS circulation balancing valve and the measuring nozzles of the MULTIT-PIECE, for all dimensions, can be used for all valves with frontal drain opening in combination with drain valve with immersion sleeve (part no. J7109150000600), pressure rating PN 16, min. operating temperature 0 °C, max. operating temperature 100 °C, protection class IP67

part no.	shipping weight (kg)	
T510014000003KP	0.10	



dial thermometer, figure T5100 150 00

for display of water temperature, display range 0-80 °C, tolerance class 2, for insertion in the isolating unit of the MULTI-THERM circulation balancing valve, the measuring nozzles of the MULTI-FIX-PLUS circulation balancing valve and the measuring nozzles of the MULTI T-PIECE, for all dimensions, can be used for all valves with frontal drain opening in combination with drain valve with immersion sleeve (part no. J71091500000600)

part no.	shipping weight (kg)	
T51001500000100	0.02	



axial drain valve and immersion sleeve, figure J7109 150 00

suitable for valves with front drain port and for insertion of a temperature sensor, according to accepted materials list from German environmental agency, max. operating temperature 110 °C

part no.	DN	for DN	for flanged valves DN	shipping weight (kg)	
J71091500000600	8	15-50	15-25	0.10	

CCESSORIES



Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019

wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics, pressure independent limitation of flow, free from dead spots, plastic parts with KTW and W 270 certification, operating pressure PN 10, 5l/min,10l/min,15l/min, a flow limiter 10l/min is pre-assembled, all functional components can be maintained without tools, according to UBA (Federal Environmental Agency) valuation basis

part no.	shipping weight (kg)	
6890401900	0.15	



Reversible cover against unauthorised access for KHS Hygiene Flush Box PRO/ PURE/LITE, figure 689 04 026

Reversible cover against unauthorised access incl. fastening parts, for installation in all installation situations (flush or surface mounted), for installation in dry- or prewall installation systems, large service opening

part no.	shipping weight (kg)	
6890402600	1.72	



temperature sensor for KHS HS2® hygiene flushing box, figure 689 00

for temperature controlled operation of the KHS HS2® hygiene-flushing box, to be connected to KHS HS2® hygiene-flushing box, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, male union thread, free from dead spots, according to accepted materials list from German environmental agency, DIN EN 60751, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, pressure rating PN 16, max. operating temperature 105 °C, length of connection cable 5 m

part no.	DN	connection	length (mm)	shipping weight (kg)	
6890001500	15	G 3/4	65	0.49	
6890002000	20	G 1	67	0.55	
6890002500	25	G 1 1/4	72	0.70	
6890003200	32	G 1 1/2	77	0.77	
6890004000	40	G 1 3/4	82	0.87	
6890005000	50	G 2 3/8	90	1.29	



cover for KHS HS2® hygiene flushing box, figure 689 07 001

for covering KHS HS2® hygienic flushing box when surface mounted, DC 01 fine sheet steel, powder-coated RAL 7035, Incl. fixing

part no.	shipping weight (kg)	
6890700100	8.40	

CONTROL-PLUS flow measurement valve for KHS HS2® hygiene flushing box, figure 689 4G 001

for optional flow measurement in the KHS HS2® hygiene-flushing box, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, for installation in KHS HS2® hygiene-flushing box, free from dead spots, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, pressure rating PN 10, max. operating temperature 100 °C

part no.	shipping weight (kg)	
6894G00100	0.31	



connection set surface-mounted CAN bus for KHS HS2® hygiene flushing box, figure 689 06 001

for connecting KHS HS2® hygienic flushing box to the KHS Mini Control System, for wall fastening, 5 m connection cable

part no.	shipping weight (kg)	
6890600100	0.42	



connection set flush-mounted CAN bus for KHS HS2® hygiene flushing box, figure 689 06 002

for connecting KHS HS2® hygienic flushing box to the KHS Mini Control System, for flush-mounted installation, 5 m connection

part no.	shipping weight (kg)	
6890600200	0.32	



BMS connecting cable via digital I/O for KHS HS2® hygiene flushing box, figure 689 05 001

for connecting KHS HS2® hygienic flushing box to the KHS LOGIC control system or to the building management system (BMS) via digital I/O, 5 m connection cable

part no.	shipping weight (kg)	
6890500100	0.17	



service set (4, 10, 15 l/min) for KHS HS2® hygiene flushing box, figure 689 99 001

pressure independent limitation of flow, plastic parts with KTW and W 270 certification, operating pressure PN 10, 4 l/min, 10 l/ min, 15 l/min, according to accepted materials list from German environmental agency

part no.	shipping weight (kg)	
6899900100	0.02	

ACCESSORIES



Connection-set, figure 619 01 001

for connecting the KHS CoolFlow chiller, figure 618 01 and of the KHS Cool Flow cooler, figure 610 01, for shut off for maintenance and repair, selected components suitable for both KHS CoolFlow chiller 4.7kW (1.6–5.6) and 7.6kW (2.0–10.0), consisting of: two pipework compensators G 1, one safety valve Rp 1/2 x Rp 3/4, 6 bar, one double nipple R 1/2, two reducing T-pieces Rp 1 x Rp 1/2, two shut-off valves Rp 1, two shut-off valves Rp 1 with drain plugs on both sides, five extensions for pressure gauges and drain valves G 1/4, three pressure gauges with vertical connection G 1/4, two drain valves G 1/4 x G 3/4, one strainer Rp 1, two double nipples R 1, one diaphragm expansion vessel 12 litres, R 1/2, one screw connection R 1/2 x Rp 1/2, one manual regulating valve Rp 1, four ball valves with extended T-handle, wetted parts made of gunmetal and drinking-water-approved plastics, according to UBA (Federal Environmental Agency) valuation basis

part no.	shipping weight (kg)	
6190100100	13.00	



Vibration damper set for chiller, figure 619 02 000

vibration damper set for the KHS CoolFlow chiller for body and vibration isolation, consisting of 4 square mounting bases with die-cast-aluminium device fastening with rubber vibration element in between, incl. screws and washers, dimensions (H/W/D) mm 48/65/65

part no.	shipping weight (kg)	
6190200000	0.97	



Data logger and gateway for KHS Cold Water Cooler, figure 611 00

data logger and gateway for the KHS CoolFlow cooler for connection to the building management system, saves all analysable parameters and serves as interface device for the BMS/BA via Modbus TCP/IP, plug-and-play thanks to prepared installation space and connection cable for power and data connection in the KHS CoolFlow cooler, data storage on micro SD card, supplied, readable and writeable data points provided via Ethernet using Modbus TCP/IP protocol, serves as u rade device for the KHS CoolFlow cooler, lifetime storage capacity through large 4GB SD card, LAN RJ45 10/100 MBit/s Ethernet, micro SD card slot, LED status display, min. operating temperature 0 °C, max. operating temperature 40 °C, min. ambient temperature 0 °C, permissible ambient humidity < 85 % rF, protection class IP20, power supply 5 V DC

part no.	shipping weight (kg)	
6110000000	0.27	



KHS CoolFlow cold water balancing valve, without actuator and flushing function, figure 617 0G

as an automatic circulation balancing valve, thermostatic balancing valve for cold water return branches with kv-min ≥ 0.03, for thermostatic, hydraulic balancing, thermostatic balancing unit, wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water, maintenance-free EPDM spindle seal, PTFE seat gasket, free from dead spots, with isolating, balancing and pre-setting function, male union thread, plastic parts with KTW and W 270 approval, according to accepted materials list from German environmental agency, ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT, control range 15 °C - 22 °C, pressure rating PN 10, max. operating temperature 50 °C, max. ambient temperature 50 °C

part no.	DN	connection	length (mm)	shipping weight (kg)	
6170G01500	15	G 3/4	73	0.48	

PRVs / FILTER

REGULATING

MEASURING SAMPLING

FLUSH-MOUNTED

OUTDOOR

AC/DC converter, figure 686 01 001

for the operation of the KHS full flow stop valve with spring-reset servo drive 24 V DC with 24 V AC supply voltage figur 686 01, for installation next to the actuated valve

nart no	chinning weight (kg)	

6860100100

shipping weight (kg)

0.21



KHS BACnet Gateway L for MASTER 2.0/2.1, figure 686 02 023

interface device for the KHS MASTER 2.0/2.1 mini control system for connection to the building management system, protocol translation into in BACnet IP/MSTP, for flushing systems with up to 24 slaves, LAN RJ45 10/100 MBit/s Ethernet, installation on DIN TS35 top-hat rail in accordance with EN60715, CE marking, BTL certified, min. ambient temperature 0 °C, max. ambient temperature 45 °C, permissible ambient humidity 20-80%rh, non-condensing, operating voltage 12 - 24 V AC/DC

part no.	shipping weight (kg)		
6860202300	0.35		



KHS BACnet Gateway XL for MASTER 2.0/2.1, figure 686 02 024

interface device for the KHS MASTER 2.0/2.1 mini control system for connection to the building management system, protocol translation into in BACnet IP/MSTP, for flushing systems with up to 62 slaves, LAN RJ45 10/100 MBit/s Ethernet, installation on DIN TS35 top-hat rail in accordance with EN60715, CE marking, BTL certified, min. ambient temperature 0 °C, max. ambient temperature 45 °C, permissible ambient humidity 20-80%rh, non-condensing, operating voltage 12 - 24 V AC/DC

part no.	shipping weight (kg)	
6860202400	0.37	



Modbus TCP/IP licence for MASTER 2.0/2.1, figure 99 3590

licence code for activating the Modbus TCP/IP protocol on the KHS MASTER 2.0/2.1 mini control system, enables connection to the building management system via Modbus TCP/IP, license code can be obtained with MASTER 2.0/2.1 serial number by calling +49 (0) 2761 891-556 or e-mail to Lizenz@kemper-group.com

part no.		
part no.		

993590

handle for flush-mounted valves, figure 590 00



for UP-PLUS, UP-ETA-THERM, UP quarter turn stop valves and water meter combinations CLASSIC, chrome-plated collar, chrome-plated collar, with fixing set for mounting in plastic shaft of flush-mounted valves, including red and blue indicator plates to indicate hot or cold water,

note: for UP quarter turn stop valves, please select DN 25

part no.	for DN	shipping weight (kg)	
5900001500	15-20	0.19	
5900002500	25-32	0.20	



operating cover for flush-mounted valves, figure 591 00

for UP-PLUS, UP-ETA-THERM, UP quarter turn stop valves and water meter combinations CLASSIC, chrome-plated collar, chrome-plated collar, with fixing set for mounting in plastic shaft of flush-mounted valves, allen key 6 mm operated to protect against unauthorized handling, including red and blue indicator plates to indicate hot or cold water,

note: for UP quarter turn stop valves, please select DN 25

part no.	for DN	shipping weight (kg)	
5910001500	15-20	0.10	
5910002500	25-32	0.12	



Socket wrench for flush-mounted valves, figure 590 00 005

for UP-PLUS, UP-ETA-THERM, UP quarter turn stop valves and water meter combinations CLASSIC, for operating the UP-spindle with complete disassembly of the prefabricated assembly kits, made of black plastic, with multiple internal teeth, for all dimensions

part no.	shipping weight (kg)	
5900000500	0.01	



fixing set UP-PLUS, figure 597 00

for UP-PLUS, UP-ETA-THERM, UP quarter turn stop valves and water meter combinations CLASSIC, to fix flush-mounted valves in pre-wall-installations, for installation on the plastic shaft of flush-mounted valves, consisting of check nuts, insulation washers, adhesive collar and pressure disc,

note: for UP quarter turn stop valves, please select DN 25

part no.	for DN	shipping weight (kg)	
5970001500	15-20	0.05	
5970002500	25-32	0.04	



REGULATING VALVES

MEASURING SAMPLING

FLUSH-MOUNTED

OUTDOOR TAP

UP-PLUS extension set, figure 599 00



90 mm, can be cut to lenght, for UP-PLUS, UP-ETA-THERM, UP quarter turn stop valves and water meter combinations CLASSIC, consisting of plastic shaft and spindle extension,

note: for UP quarter turn stop valves, please select DN 25, a maximum of two extensions is recommended

part no.	for DN	shipping weight (kg)	
5990001500	15-20	0.04	
5990002500	25-32	0.04	



chrome-plated plastic collar for flush-mounted valves, figure 860 00 015

for UP-PLUS, UP-ETA-THERM, UP quarter turn stop valves and water meter combinations CLASSIC, to be plugged in the shaft of flush-mounted valves, allen key 6 mm operated to protect against unauthorized handling, including red and blue indicator plates to indicate hot or cold water

part no.	for DN	shipping weight (kg)	
86000015CH	15-20	0.02	

CCESSORIES

RG120 grip top die-cast zinc set-up dimensions to 32 mm, figure 596 11



chrome-plated zinc diecasting, for stop valve water meter series RG120 Fig. 854 02/05/07 and Fig. 855 47 as well as for stop valve water meter mounting block ECO-DUO Fig. 853 07, chrome-plated sleeve, chrome-plated collar, easy assembly with 90° rotation, including red and blue indicator plates to indicate hot or cold water

part no.	for DN	shipping weight (kg)	
5961102000	20	0.31	



RG120 grip top die-cast zinc set-up dimensions 30 mm to 110 mm, figure 596 12

chrome-plated zinc diecasting, for stop valve water meter series RG120 Fig. 854 02/05/07 and Fig. 855 47 as well as for stop valve water meter mounting block ECO-DUO Fig. 853 07, plastic sleeve, chrome-plated collar, easy assembly with 90° rotation, including red and blue indicator plates to indicate hot or cold water

part no.	for DN	shipping weight (kg)	
5961202000	20	0.30	



RG120 grip top plastic set-up dimensions up to 32 mm, figure 596 16

chrome-plated collar, for stop valve water meter series RG120 Fig. 854 02/05/07 and Fig. 855 47 as well as for stop valve water meter mounting block ECO-DUO Fig. 853 07, chrome-plated sleeve, chrome-plated collar, easy assembly with 90° rotation, including red and blue indicator plates to indicate hot or cold water

part no.	for DN	shipping weight (kg)	
5961602000	20	0.22	



RG120 grip-top plastic, set-up dimensions 30 mm to 110 mm, figure 596 17

chrome-plated collar, for stop valve water meter series RG120 Fig. 854 02/05/07 and Fig. 855 47 as well as for stop valve water meter mounting block ECO-DUO Fig. 853 07, plastic sleeve, chrome-plated collar, easy assembly with 90° rotation, including red and blue indicator plates to indicate hot or cold water

part no.	for DN	shipping weight (kg)	
5961702000	20	0.18	



RG120 change stopper including extension for set-up dimensions to 110 mm, figure 596 15

chrome-plated cap, for stop valve water meter series RG120 Fig. 854 02/05/07 and Fig. 855 47 as well as for stop valve water meter mounting block ECO-DUO Fig. 853 07, plastic sleeve, chrome-plated collar, easy assembly with 90° rotation, with turnable top

part no.	for DN	shipping weight (kg)	
5961502000	20	0.14	





PRVs / FILTER

REGULATING VALVES

MEASURING SAMPLING

FLUSH-MOUNTED

OUTDOOR TAP

base plate for stop valve water meter combination CLASSIC for figur 855 27 and figur 885 27, figure 855 00 001

made of black plastic, to be connected at the lug of the water meter combination bodys type CLASSIC, sound decoupling with sidewise bolts

part no.	shipping weight (kg)	
0550000100	0.12	



cap for stop valve water meter combinations and mounting blocks, figure 855 00 002

consisting of black plastic blind cap and chrome-plated cover collar, adhesive for sticking onto tile to conceal the mounting opening with subsequent mounting of the water meter measuring capsule

part no.	shipping weight (kg)	
8550000200	0.06	



plastic cover panel, white, for stop valve water meter box, figure 870 00 004

suitable for radio readout of water meter, including two magnets and pole screws for adjustment, magnets with 200 N tensile force, size 280 x 280 mm

part no.	shipping weight (kg)	
8700000400	0.34	



stainless steel panel for stop valve water meter box, figure 870 00 006

including two magnets and pole screws for adjustment, magnets with 200 N tensile force, size 280 x 280 mm, not for radio read-

part no.	shipping weight (kg)	
8700000600	0.83	



galvanised sheet steel cover panel, white, for stop valve water meter, figure 870 00 008

including two magnets and pole screws for adjustment, magnets with 200 N tensile force, size 280 x 280 mm, not for radio readout of water meter

part no.	shipping weight (kg)	
8700000800	0.88	

Accessories: flush-mounted and water meter valves





bracket set for stop valve water meter box, figure 870 00 002

for easy installation of the water meter combination box, with slot holes for variable installation depth of appx. 25 mm, including screws, washers and nuts, consisting of 2 brackets (multiple sets can be used for one box if required)

part no.	shipping weight (kg)	
8700000200	0.21	



insulation shell for stop valve water meter box, figure 471 18

a one-piece moulding of expanded polystyrene, sound insulation, with perforated edges for measuring capsules, fastening in the stop valve water meter box by means of clamping based on the design, to meet the requirements of GEG 2023, building material class B1 according to DIN 4102, min. operating temperature -40 °C, max. operating temperature 90 °C

part no.	shipping weight (kg)	
4711800000	0.03	

PRVs / FILTER

REGULATING VALVES

MEASURING VALVES

SAMPLING VALVES

FLUSH-MOUNTED

OUTDOOR TAP

FROSTI® socket key operated head part with socket key, figure 578 00 001

to secure the tap, for subsequent mounting on the discharge body of the frost-proof outdoor valve according to Figures 578 and 579, consisting of matt chrome-plated cover sleeve and multiple toothed control key, for all dimensions

part no.	shipping weight (kg)	
5780000100	0.02	



FROSTI® lockable handle, figure 578 00 003

to secure the tap, For subsequent installation on the discharge body of the frost-proof outdoor valves according to figures 578 and 579, for subsequent mounting on the discharge body of the frost-proof outdoor valve according to Figures 574/577 (from year of manufacture 2009), consisting of a matt chromed-plated handle with lock and two bit keys, with over-twist protection

part no.	shipping weight (kg)	
5780000300	0.13	



FROSTI® lockable handle, for uniform key, figure 578 02 003

to secure the tap, for subsequent mounting on the discharge body of the frost-proof outdoor valve according to Figures 578 and 579, for subsequent mounting on the discharge body of the frost-proof outdoor valve according to Figures 574/577 (from year of manufacture 2009), consisting of a matt chromed-plated handle with lock and two bit keys, with over-twist protection, old uniform keys fit to several handles

part no.	shipping weight (kg)	
5780200300	0.13	



FROSTI® extension, figure 578 00 002

for subsequent surface-mounted extension of the frost-proof outdoor valve according to Figures 578, consisting of screwable extension shaft and snap-on spindle extension, Possibility of extending at least 30 mm up to a maximum of 250 mm, can be shortened in infinitely adjustable increments, incl. fastened anti-twist protection, for all dimensions, according to accepted materials list from German environmental agency

part no.	shipping weight (kg)	
5780000200	0.45	



FROSTI® fastening set, figure 578 00 005

for fastening with two double-sheet wall structure or brickwork with external insulation, for optimal stabilisation of the valve, Suitable for all pipe sizes of frost-proof outdoor valves according to figures 574 and 578

part no.	shipping weight (kg)	
5780000500	0.10	

Accessories: FROSTI® frost-proof outdoor taps



FROSTI® socket key

Suitable for FROSTI® frost-proof outdoor tap figure 578 and 579, suitable for FROSTI® frost-proof outdoor tap according to figures 574 and 577,

note: Pull out lock bushing for figures 574 and 577

part no.	shipping weight (kg)	
5780000400	0.01	



FROSTI® special extension, figure 578 03 005

Suitable for all pipe sizes of frost-proof outdoor valves according to figures 574 and 578, For subsequent extension if the FROSTI pipe is too short (<20 mm from the façade), incl. two-part drop ear elbow for wall-flush closing

part no.	shipping weight (kg)	
5780300500	0.33	



FROSTI® -sealing collar, figure 574 00 006

adhesive and moisture repellent, applicable as moisture barrier, to seal lead-througs in concrete, brick, stone, metal, plastic, wood , can be plastered , working temperature min. 4 °C , suitable for all pipe sizes of frost-proof outdoor valves according to Figure 574/578, hole for outlet pipe R 3/4

part no.	dimensions (mm)	shipping weight (kg)	
5740000600	150 x 150	0.05	



FROSTI collar XL, figure 577 12 015

for covering wall damage, made of brass, nickel plated, Incl. fixing material, with sealing collar, Suitable for figures 577 and 579

part no.	shipping weight (kg)	
5771201500	0.29	

PRVs / FILTER

REGULATING VALVES

MEASURING VALVES

SAMPLING

FLUSH-MOUNTED VALVES

WATER METER

OUTDOOR TAP

TRESOR

 Claims under the German Product Liability Act (Produkthaftungsgesetz – ProdHaftG) and from a quarantee shall not be affected.

IX. Statute of limitations, time limits

- 1. The claims under clause VII. (1) and (2) shall become statute-barred within one year of the delivery being handed over to the ordering party.
- 2. As an exception, these claims shall become statute-barred within the statutory period of limitation
 - in the case of an intentional, fraudulent or grossly negligent breach of obligations by us, our legal representatives or vicarious agents;
 - in the case of damages resulting from injury to life, body or health, due to a negligent breach of obligations on our part or due to an intentional or negligent breach of obligations by our legal representatives or vicarious agents;
 - for claims arising from a guarantee for the guality of the item;
 - in the case of a direct sale to a private consumer;
 - insofar as we are obliged to reimburse the expenses which the ordering party has to bear in relation to a private consumer and/or a subcontractor in the supply chain due to the sale of a new item for the purpose of rectification (section 478 para. (2) of the German Civil Code);
 - if the item delivered by us has been used for a building in accordance with its normal use and has resulted in the defectiveness of the building and Part B of the German Contracting Rules for Building Works (Teil B der Verdingungsordnung für Bauleistungen) was not the overall basis of the contractual relationship.
- 3. In all cases, the limitation period shall commence in accordance with statutory provisions. The statutory provisions on suspension of the statute of limitations, suspension and recommencement of the periods shall remain unaffected. In the case of claims for damages under the German Product Liability Act, the statutory limitation regulations shall apply. The statutory limitation rules shall also apply in the case of intentional and grossly negligent breaches of obligations.
- 4. To the extent that we are liable pursuant to clause VIII. because the damage in question is of a kind that can usually and typically be insured subject to reasonable terms and conditions through a liability insurance policy to be taken out by us, the limitation period shall be 1 year.

X. Property rights, equipment, models and drawings

- If deliveries are made according to drawings or other information provided by the ordering party, the ordering party shall be responsible for their correctness and for ensuring that the property rights of third parties are not infringed; the customer shall indemnify us against all claims of a property right owner.
- 2. Tools, moulds, models and equipment required for the ordered goods can be charged by us in full or proportionately. They shall remain our property unless expressly agreed otherwise with the customer. If they are manufactured according to specifications of the ordering party, they shall be used exclusively for deliveries to the ordering party as long as the ordering party meets his acceptance and payment obligations and the business relationship continues.
- 3. The costs for the maintenance, modification and use of the models or casting equipment including the subsequent moulds shall be borne by the ordering party. If the patterns or moulds are provided by the ordering party, the ordering party shall be liable for ensuring that they are correctly designed for the casting process and that the models and casting equipment are executed in a way that fits the intended use. We shall not be obliged except by written agreement to check the conformity of the casting equipment provided with the attached drawings. We may modify production equipment provided by the ordering party after consultation and approval if this appears necessary to us for reasons related to the casting process. Models, moulds, die-casting equipment and other materials provided to us by the ordering party shall be stored by us with the necessary care. We shall accept no liability in the event of a possible loss, not even for consequential damage, unless we, our legal representative or vicarious agents are guilty of an intentional, fraudulent or grossly negligent breach of obligations.
- The ordering party shall bear the costs of modification, maintenance and replacement of his production equipment.
- 5. Drawings and documents handed over to the ordering party by us shall not be passed on to third parties unless we have given our written consent. We shall be entitled to demand the return of these drawings and documents at any time.

XI. Reservation of title

- 1. We shall reserve title to the delivery item (reserved goods) until all our claims against the ordering party arising from the business relationship, including future receivables, also those arising from contracts concluded at the same time or later, have been settled. In the case of a current account, the reserved property and all rights shall be deemed securities for our entire outstanding balance in addition to interest and costs. In the event of seizure or other interventions by third parties, the ordering party shall notify us promptly.
- 2. The ordering party shall be entitled to process and resell the delivery item in the ordinary course of business. This power shall end if the ordering party is in default of payment, or if the ordering party caeses to make payments, or if an insolvency petition is filed against the ordering party. He shall be obliged to resell the reserved goods only subject to a reservation of title and to ensure that the receivables from the resale are transferred to us in accordance with clauses 5 and 6. The use of the reserved goods for the fulfilment of contracts for work and contracts for work and materials shall also be deemed to be a resale. He shall not be entitled to dispose of the reserved goods in any other way, in particular to pledge them or assign them as security. An assignment of the receivables from the resale of our reserved goods shall not be permitted, unless it is an assignment by way of genuine factoring that is reported to us and in which the factoring proceeds exceed the value of our secured receivables. On the crediting of the factoring proceeds, our receivable shall be due immediately.
- 3. By processing the reserved goods, the ordering party shall not acquire ownership of the new item pursuant to section 950 of the German Civil Code. The processing and transformation of the goods by the ordering party shall always be carried out in our name and on our behalf,

but without any obligation on our part. From then on, the processed goods shall be deemed to be reserved goods.

- 4. If the reserved goods are processed, combined or intermixed with other goods, we shall be entitled to co-ownership of the new item in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used. If our ownership expires due to combination, intermixing or processing, the ordering party hereby already assigns to us the ownership and expectant rights to the new stock or item within the scope of the invoice value of the reserved goods, in the case of processing in the ratio of the invoice value of the reserved goods to the invoice value of the other goods used, and shall store them for us free of charge. Our co-ownership rights shall be deemed reserved goods.
- 5. The ordering party's receivables from the resale of the reserved goods are hereby already assigned to us. They shall serve as security to the same extent as the reserved goods.
- 6. If the reserved goods are resold by the ordering party together with other goods, the receivable from the resale shall be assigned to us in the ratio of the invoice value of the reserved goods to the invoice value of the other goods. In the event of a resale of goods in which we have co-ownership shares in accordance with clause 4, a part of the receivables corresponding to our co-ownership share shall be assigned to us.
- 7. If a secured event occurs (objective insolvency, non-payment, suspension of payments, insolvency, etc.), the ordering party undertakes to provide us with an exact list of his receivables with names and addresses, to notify his customers of the assignment promptly and to provide us with all information necessary for the assertion of the assigned receivables.
- 8. If the value of the existing securities exceeds the secured receivables by a total of more than 20 per cent, we shall be obliged to release securities of our choice at the ordering party's request, taking into account the ordering party's interests.
- 9. Based on the reservation of title, we may demand the return of the delivery item if we have withdrawn from the contract. We shall be entitled to withdraw from the contract without regard to the further requirements of section 323 of the German Civil Code from the point in time when the customer is in default of payment in whole or in part; in particular, no further deadline need be set by us to exercise our right of withdrawal. The same shall apply if the customer ceases to make payments or if an insolvency petition is filed against him. All costs arising from the repossession of the delivery item shall be borne by the ordering party. We shall be entitled to freely dispose over the returned delivery item.

XII. Place of performance, legal venue, governing law

- 1. The place of performance shall be our registered place of business, unless otherwise stated in the order confirmation.
- 2. The place of jurisdiction in the case of contracts with merchants and legal entities shall be the competent court at our registered place of business. However, we shall also be entitled to take legal action against the ordering party at the court of his registered place of business.
- 3. The legal relations between the parties shall be governed exclusively by German law to the exclusion of the UN Convention on Contracts for the International Sale of Goods (UNCITRAL/ CISG) and the UN Statute of Limitations.

XIII. Data processing

We are entitled to process personal data within the scope of the business relationship. The rights of data subjects are very important to us. Our entire privacy statement, as well as the rights of data subjects, can be viewed at any time on our website under the link https://www.kemper-olpe.de/de/meta-navigation/datenschutz/.

XIV. Final provisions, miscellaneous

- Personal data of the supplier shall be stored by us in accordance with the provisions of the General Data Protection Regulation (GDPR).
- The contractual language shall be German. Insofar as the contract partners additionally use another language, the German wording shall take precedence.
- 3. Weight measurements shall be determined using calibrated measuring instruments and originate from freely programmable additional equipment. The calibrated measured values shall be stored unchanged for at least three months after receipt of delivery and can be viewed by the customer.

Last updated: September 2021



