



Product Features

- for the protection of drinking water against non-potable water of fluid category 5 in accordance with DIN EN 1717/DIN 1988-100
- wetted parts on the drinking water side made of gunmetal, stainless steel and drinking water approved plastics
- cover made of EPP
- easy operation using touch screen
- operating times can be defined
- flushing of the PWC line and cleaning of the container (optionally) possible
- readout of data, for example operating status and consumption figures, possible using USB interface
- high performance (flow rate and total head)
- for wall mounting or installation on optional rack
- rainwater utilisation can be integrated (optional)
- control of external immersion and metering pump possible
- low-noise operation
- normally closed inlet valve
- with coupling nut for flat sealing connection thread including EPDM gasket
- plastic drain connection according EN 1717
- frost protection monitor
- drain overflow monitoring (optional)
- BMS fault signal possible through a dry contact
- Connection to power supply with type F safety plug
- Connection to the pipe by enclosed flex pipe (500mm)
- discharge can be increased with a cascade setup (maximum three plants)
- maintenance requirements in accordance with DIN EN 806-5 must be complied with
- additional country-specific versions on request
- for further information on cascading, please contact your sales representative

Standards and Approvals

- DVGW approval
- KIWA approval
- plastic parts with KTW and W 270 approval
- according to accepted materials list from German environmental agency
- device cover building material class B2 in accordance with DIN 4102
- CE marking

Technical data

- pressure rating PN 10
- max. operating temperature 35 °C
- min. ambient temperature 2 °C
- max. ambient temperature 40 °C
- protection class IP54
- power supply 230 V AC
- volume of receiver tank 30 l
- Flushing volume of PWC line 10 l/min (at 3 bar)
- electrical power consumption DN 20 3.3 A/DN 25 5.5 A
- power factor 0.97

Part no.	DN	max. head (m)	max. flow rate (m ³ /h)	A1	D1 (mm)	H1 (mm)	H2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	T1 (mm)	T2 (mm)	T3 (mm)	T4 (mm)
3690002000	20	43.2	3	G 1	75	994	930	600	110	94	206	330	215	147.6	9.5
3690002500	25	57.9	6	G 1 1/4	75	994	930	600	110	94	206	330	215	147.6	9.5

Part no.	minimum flow pressure (MPa)	nominal connection diameter, waste water (mm)	flow limiter in inlet	kg
3690002000	0.10	75	50	43.6
3690002500	0.15	75	100	47.4

Accessories

- Y-strainer, figure 602 00
- FK-5 Water Supply Set Plus, figure 369 01
- FK-5 tank cleaning unit, figure 369 02
- FK-5 rack, figure 369 03
- FK-5 overflow sensor, figure 369 04
- Connection-set for FK-5, figure 369 27

Spare parts

- 3HM04P pump for FK-5 DN 20, figure 369 11 020
- 5HM05P pump for FK-5 DN 25, figure 369 11 025
- pressure transmitter type 501 for FK-5 DN 20 and DN 25, figure 369 12 001
- pressure transmitter type 525 for FK-5 DN 20 and DN 25, figure 369 12 002
- solenoid valve for FK-5 DN 20 and DN 25, figure 369 13 001
- anti-pollution check valve DN 25 for FK-5 DN 20 and DN 25, figure 369 14 001
- quarter turn stop valve for FK-5 DN 20, figure 369 15 020
- quarter turn stop valve for FK-5 DN 25, figure 369 15 025
- TMC24A actuator for FK-5 DN 20 and DN 25, figure 369 16 001
- controller for FK-5 DN 20, figure 369 17 001
- controller for FK-5 DN 25, figure 369 17 002
- cover for FK-5 DN 20 and DN 25, figure 369 18 001
- pump relay for controller FK-5, figure 369 19 001
- cone-type holder for check valve FK-5, figure 369 20 001
- quarter turn stop valve bonnet for FK-5 DN 20, figure 369 21 020
- quarter turn stop valve bonnet for FK-5 DN 25, figure 369 21 025