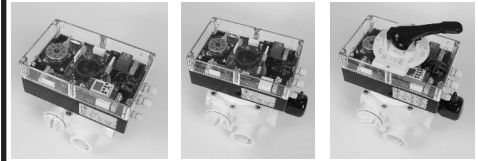


Technical data

TYPE	Control system		
	Pressure	Time	int. Filter pump control unit
E - 2000 / F2	✓	—	—
E - 3000 / F2	—	✓	—
E - 6000 / F2	✓	✓	✓



Symbolfoto
E-2000 / F2 - 3"

Symbolfoto
E-3000 / F2 - 1 1/2"

Symbolfoto
E-6000 / F2 - 1 1/2"

General:

Power supply: 230 VAC 50/60 Hz
 115 VAC 50/60 Hz
 24VAC 50/60 Hz

Digital time controlled backwash: 7 days 24 hour
 Grässlin digital clock (battery back up for timer 2 month)

only E - 3000 / F2

Pressure switch:
 MSPS-FF-100SS: 0,69 - 6,9 bar
 MSPS-FF-15SS: 0,10 - 1,0 bar

only E - 2000 / F2 UND E - 6000 / F2

Filter- and backwash clock: 7 days 24 hour
 Grässlin digital clock (battery back up for timer 2 month)

only E - 6000 / F2 VERSION

Enclosure: IP 54

Valvetype: 1 1/2" SM-TM, 2" SM-TM, 3" SM
SM = Side Mount TM = Top Mount

gradually adjustable!

Backwash time: 20 sec. - 11 min.
Rinse time: 20 sec. - 4 min. 20 sec.
 Cut in delay: 25 sec. - 23 min.

Pump cut in delay: 20 sec.

Flow rate:

1 1/2" 18 m³/h (80 Gpm)
 2" 35 m³/h (155 Gpm)
 3" 75 m³/h (330 Gpm)

Operating pressure:

Valve ABS: max. 3,5 bar (20°C); GFK: 5 bar (20°C)

Top Mount flange connections:

- Thread
- Bolt - down flange
- Clamp flange

Side Mount connection:

BSP - thread ports

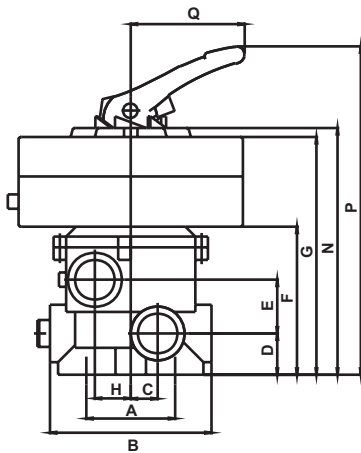
Technical specification:

for example.:
 TYPE PRAHER Superstar E-6000 / F2
 ABS 1 1/2" Side Mont valve

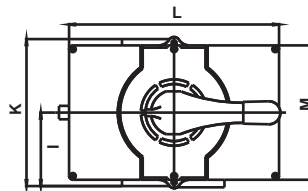
Features:

- water and chemical resistant pad switch
- CE - approved (European electrical code)
- Backwash, rinse time and cut in delay are gradually adjustable
- pleasing design
- ISO 9001
- fast and trouble free installation
- economic backwash valve solution for your filtersystem
- E 6000 / F2 1 1/2" and 2" with manual override
- free of corrosion
- suitable for all well known filter brands

Subjects to technical modification!

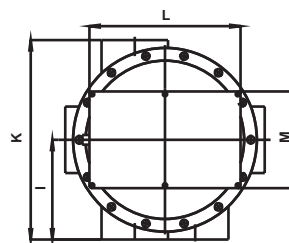
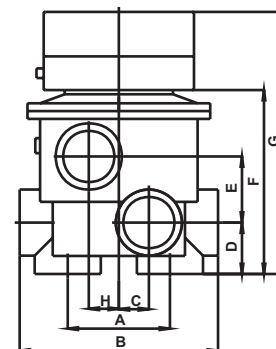


1 1/2", 2"
E-6000 / F2

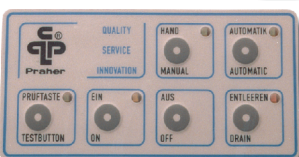


	1 1/2"	2"	3"
	mm	mm	mm
A	99,0	110,0	170,0
B	182,0	228,0	330,0
C	32,0	38,0	50,0
D	47,0	60,0	85,5
E	60,0	81,0	110,0
F	164,0	210,0	306,0
G	270,0	312,0	436,0
H	38,0	34,0	50,0
I	87,5	115,0	165,0
K	175,0	230,0	330,0
L	250,0	250,0	250,0
M	160,0	160,0	160,0
N	280,0	322,0	
P max.	378,0	420,0	
Q max.	135,0	135,0	

E-2000 / F2
E-3000 / F2 :
1 1/2", 2", 3"
E-6000 / F2: 3"



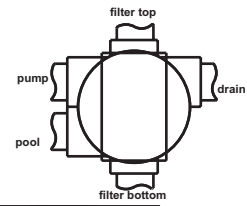
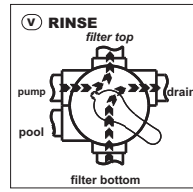
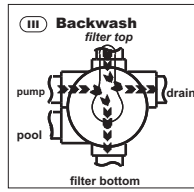
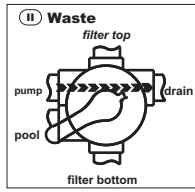
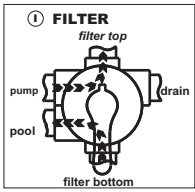
E - 2000 / F2;
E - 3000 / F2



E - 6000 / F2

- **durable**
- **100 % water resistant**
- **long working life**
- **chemical resistant**

Technical data



I : Filtration of medium (i.e. water)
 Pool - pump - valve (to filter) - filter - Valve (from filter) - pool

II : Drainage of pool with pump:
 Pool - pump - valve - drain

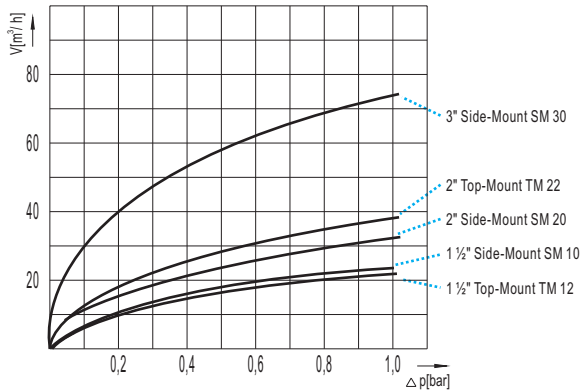
III : Cleaning up filter medium (i.e. sand) in upstream (reversed flow in filter):
 Pool - pump - valve (from filter) - filter - valve (to filter) - drain

V : Cleaning of filter medium (i.e. sand) after backwash
 Pool - pump - valve (to Filter) - filter - valve (from filter) - drain

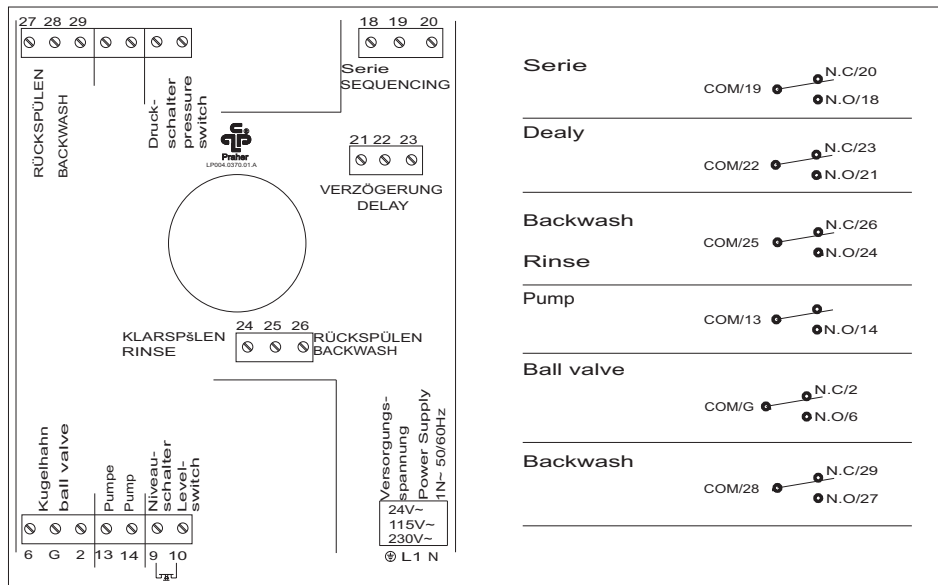
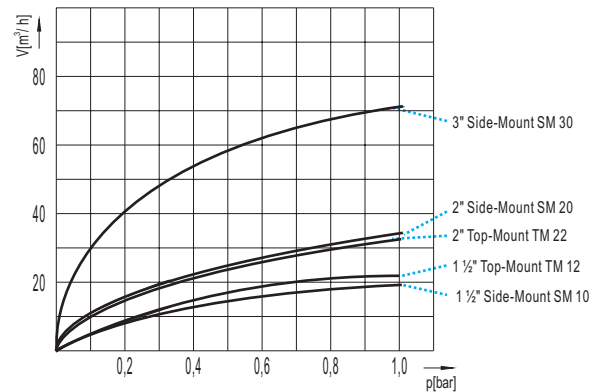


Field of application: Water treatment plant

Flow - pressure loss diagramm (Filter position)



Flow - pressure diagramm (backwash position)



CONTACTS

Contacts for valve sequencing of multiple valves:
4 amperes max.

Contacts for fireman switch (heater will shut off prior to backwashing)
4 amperes max.

Contacts for pump in all actuator positions (**Filter, Backwash, Rinse, Drain**):
8 amperes max.

Contacts for position backwash and rinse (for secondary backwash pump or blower or two speed pump):
4 amperes max.

Contacts for auxilliary valve or backwash monitoring:
8 amperes max.

Contacts for position backwash only:
4 amperes max.