SO8BMATKUV

Installation material for the quoted pre-filtration systems to pipe installation (plastic)

09WWZ0030

Water Guard

provides leakage monitoring in pre-treatment rooms to prevent water damage.

Consisting of:	sensor / control unit ball valve with electrical drive hand emergency switching float switch for power failure
Connection:	1” inside thread 230 V, 50/60 Hz, 10 W Electrical assembly with buzzer and floor sensor

SO7B008G12

DWA Water Station

Back flush filter and pressure-reducing valve

for filtration of all existing contaminations in the water, which breeds to malfunction on control and regulation devices.

Specification

- Housing made of high-class plastics
- Mounting rotary flange with bayonet connection made of brass with screw connection
- Stainless steel filter reinforcement
- Passband 0,1 mm
- Back flushing at concurrent cleaning of the gauge-glass
- Patented ceramic flush valve with hose connection
- Pressure manometer and pressure-reducing valve
- Adjustable range of the dwell pressure from 1,5 to 6 bar
- Noise controlled

Technical data:

Pipe connection:	1“
Water flow max.:	4,5 m³/h
Operation pressure max.:	16 bar
Operation temperature max.:	30°C
Pressure drop after back flushing:	0,2 bar
Mesh width:	0,1 mm
Length:	190 mm

According to DIN-DVGW

Digitally signed by Șarco Alexandru
Date: 2022.10.13 09:11:38 EEST
Reason: MoldSign Signature
Location: Moldova

12SFA0263P

Sand Filter System

For remove of particles / suspended matters

Equipment

- Time controlled programmed electronic control with fully automatic backwashing program
- Central control valve Autotrol Performa 263 and jet nozzle rod
- Possibility of manually release
- Filter unit made of ABS/GFK
- Status signal
- Filter bypass

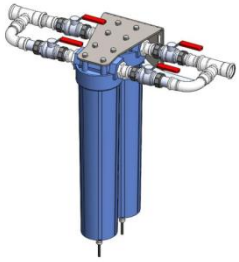
Water flow rate:	1,3 – 2,6 m³/h (max.: 4,5 m³/h)
Backwashing filter capacity:	3,9 – 4,0 m³/h
Operating pressure:	min. 2 bar; max. 6 bar (pressure-resistant up to 8 bar)
Water temperature max.:	40°C
Ambient temperature:	min. 1°C; max. 40°C
Pipe connection:	with hose clip PVC d25 for connection to bonded PVC-U tubing
Power supply:	230 V / 50 Hz
Filter unit:	Park international RT1665 ABS inside tank with GFK outer layer reinforced Tank volume 199 l; 420 x 1660 mm (diameter x height)
Filter media:	Sand/gravel bed; Filling 135 l
Required space (WxDxH):	420 x 600 x 1910 mm

Delivery includes:

2 connection pipes:	Inner diameter 25 mm, each with length 2 m for flexible connection of the system
2 hose clips:	Outer diameter 25 mm PVC for stick into tubing d25

SO7B202G20A

Filter system 2 x 20“ with 20 µm filter cartridges



Equipment

- 2 ball valves with non return valve for the change of a filter during operation
- wall mounting made of stainless steel

Operating pressure max.	8,6 bar	
Water temperature max.	30 °C	
Pipe connection	hose nozzle D 25	
Space requirement	(LxWxH)	650 mm x 300 mm x 260 mm

Delivery with wall mounting made of stainless steel and necessary assembling material.

12AFA0263P

Activated Carbon Filter System

For rest dechlorination of drinking water

Equipment

- Time controlled programmed electronic control with fully automatic backwashing program
- Central control valve Autotrol Performa 263 and jet nozzle rod
- Possibility of manually release
- Filter unit made of ABS/GFK
- Status signal
- Filter bypass

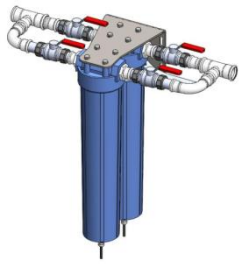
Water flow rate:	1,3 – 2,6 m³/h (max.: 4,5 m³/h)
Backwashing filter capacity:	3,2 – 4,0 m³/h
Operating pressure:	min. 2 bar; max. 6 bar (pressure-resistant up to 8 bar)
Water temperature max.:	40°C
Ambient temperature:	min. 1°C; max. 40°C
Pipe connection:	with hose clip PVC d25 for connection to bonded PVC-U tubing
Power supply:	230 V / 50 Hz
Filter unit:	Park international RT1665 ABS inside tank with GFK outer layer reinforced Tank volume 199 l; 420 x 1660 mm (diameter x height)
Filter media:	Activated carbon/gravel bed; Filling 135 l
Required space (WxDxH):	420 x 600 x 1910 mm

Delivery includes:

2 connection pipes:	Inner diameter 25 mm, each with length 2 m for flexible connection of the system
2 hose clips:	Outer diameter 25 mm PVC for stick into tubing d25

SO7B102G20A

Filter system 2 x 20“ with 10 µm filter cartridges



Equipment

- 2 ball valves with non return valve for the change of a filter during operation
- wall mounting made of stainless steel

Operating pressure max.	8,6 bar	
Water temperature max.	30 °C	
Pipe connection	hose nozzle D 25	
Space requirement	(LxWxH)	650 mm x 300 mm x 260 mm

Delivery with wall mounting made of stainless steel and necessary assembling material.

12WTES200P

Softener system 200°dHm³ with volume control

System for softening of drinking and process water according to principle of ion exchange operation at neutral exchange.

The system has the advantage of the precise utilisation of the capacity provided constant raw water quality. The flow meter in the soft water outlet measures the water volume issued and provides the result of the measurement in terms of impulses to the control system. After consumption of the preset soft water quantity the regeneration is prefaced.

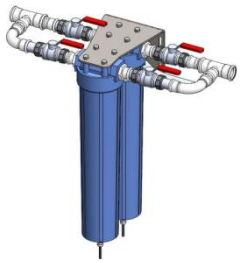
Equipment

- Interchanger alternation
- Including bypass-system
- Type of controlling: hardness dependent programmable electrical control with fully automatic back flush program
- 2 filter cases of fibre-glas reinforced polyester with internal water dispense system
- Salt dissolving and brain tank
- Sole valve and suction pipe
- Filter filling: ion exchanger resin

Capacity per regeneration:	2 x 200°dH x m³
Salt consumption per regeneration:	approx. 12 kg
Flow pressure:	min. 2 bar
Operation pressure:	max. 6 bar
Water temperature:	max. 30°C
Power supply:	220 V / 50 Hz
Pipe connection:	1” inner thread
Dimensions salt container:	1050 mm x 530 mm (height x diameter)
Salt reservoir:	200 litres with sieve bottom
Dimensions per filter container:	1380 mm x 257 mm (height x diameter)

SO7B052G20A

Filter system 2 x 20“ with 5 µm filter cartridges



Equipment

- 2 ball valves with non return valve for the change of a filter during operation
- wall mounting made of stainless steel

Operating pressure max.	8,6 bar	
Water temperature max.	30 °C	
Pipe connection	hose nozzle D 25	
Space requirement	(LxWxH)	650 mm x 300 mm x 260 mm

Delivery with wall mounting made of stainless steel and necessary assembling material.

ZG02M0801

Pressure Reducer

For limitation and stabilization of the inlet pressure of pre-filtration and RO system

Inlet pressure up to 25 bar
Outlet pressure adjustable up to 6 bar
Connection 1“ outside thread

Reverse Osmosis Systems

01MODULA1

modula

Single Pass Central Reverse Osmosis

Central Reverse Osmosis for dialysis centres. Designed for operation in the distribution ring. The system is modular extendable from one pass to twin pass or redundant as a duty standby RO.

Equipment

- Water saving technology
- Microprocessor controlled & monitored
- Permeate recirculation
- Autoflush system
- Back-lit display and 4-button control panel
- 3-way valve for permeate to ring or drain
- Automatic timing
- 2 sampling and disinfection points (raw water and permeate)
- Monitoring of permeate and concentrate flow, raw water and permeate conductivity,
- raw water, permeate and membrane pressure, permeate temperature

Hygienic

- Complete stainless steel tubing and frame (V4A/316L)
- Deadleg free stainless steel module housing
- Hygienic pipe connections

Performance data: 1750 l/h at 12°C
98% retention rate of inorganic substances
2-5 bar permeate pressure
Supply pressure: min 4bar at 3000l/h dyn., max 6 bar static
Ambient temperature: max. 35°C
Recovery rate 75%

Mechanical connections: Raw water inlet 1” thread outside
Permeate outlet and backflow pipe DN 20
Drain DN 50, max. height over the floor 10 cm

Electrical data: 230 / 400 Volt, 3-phase, 50 Hz / 60 Hz, 16 A
115 / 200 Volt, 3-phase, 60 Hz, 16 A
4 kW power input

Electrical connections: CEE-Socket, 16 A
Remote control shut-on / shut-off
2 status output
Control of raw water- and permeate tank
Control of *nephro SAFE*

Dimensions / Weight: (WxHxD): 1000 x 1500 x 550 mm / max. 190 kg

Optional: Softener und pre-filtration as required
External hardness measurement
Disinfectionpump

Possibility of combination with Heat disinfection and ultrafiltration system *nephro SAFE*

Installation includes all necessary fittings, setting of System parameters and user introduction. Use suitable non metallic drain pipe work. Floor drain is highly recommended.

SO8B99087 **H-Valve**

for connection with Reverse Osmosis System modula

SO7B110G10 **Disinfectant pump**

Delivery rate: 54 l/h at 10 bar
Suction connection: PVC tube
Pressure connection: PVC-tube without safety against membrane break
Material of pump head: PVC

Designed as membrane dosing pump

SO7B110G11 **Extension set for disinfection pump**

In connection with Reverse Osmosis System *modula*