

BonAir valve unit

Valve manifold for domestic sewage treatment plants

Why to use the BonAir valve unit?

Due to the use of stepper motors instead of solenoids as actuators, the BonAir valve unit needs only energy for opening or closing the valve (approx. 1s). Normal solenoid valves need some 8W during all of the time one of the valves is open.

- 1 air input (3/4 inch) and 4 air outputs (1/2 inch).
- Stepper motors
- Quiet and smooth
- Very reliable and consume less energy than solenoid valves (<70%).



Technical data

Attribute	Value
Valve number	4
Input	3/4" thread without fitting
Outputs	1/2" thread without fitting
Valve Cycle Lifetime	Approx. 200.000
Gas Type	clean air - no relevant gas residuals, specially sulfur compounds)
Maximum Air Pressure	400 mbar
Maximum Air Temperature (input)	60°C
Ingress Protection	IP 54
Ambient Temperature	-20°C to +60 °C
Supply voltage	AC 230V +/-15%
Power Consumption	Max. 3.5W during operation Max. 0.23A peak for loading the capacitor
Dimensions	83 x 181 x 111 mm (without hose connectors)
Weight	0.97kg

All details are without guarantee

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