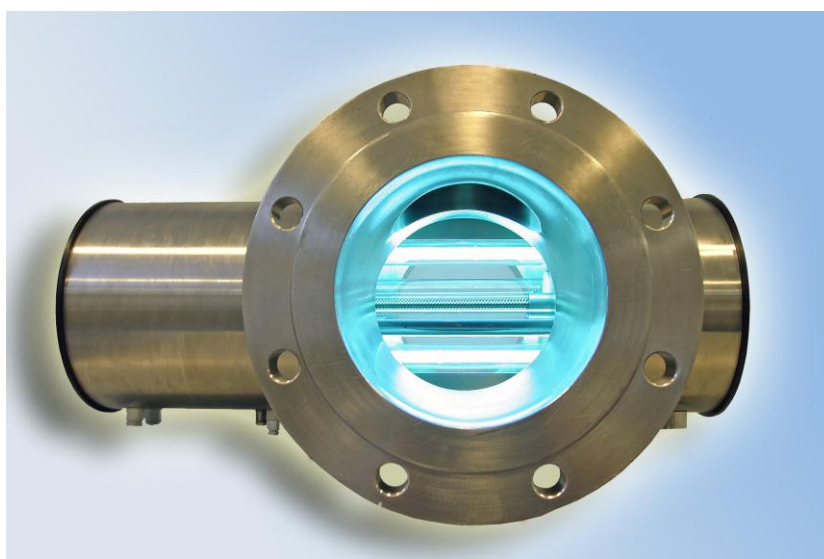


Datasheet



Berson InLine+

InLine 100+ DVGW



Type : IL+.A.C
Revision number : 130423.HK.00
Document version : 01.STD



UV reactor

Specifications	
Material:	Stainless Steel 316L, internal finish Ra _{max} 0.8 um
Degree of protection:	IP54
Connection:	Flanged, DN100 PN10 (other connections on request)
Installation dimensions:	400 mm, flange to flange
Installation orientation:	Horizontal or vertical positioning
Weight dry/wet:	42 / 52 kg
UV Lamp type:	B810 Berson Multiwave®
Number of lamps:	2
Sleeve material/grade:	Quartz / F240 nm
Sleeve cleaning system:	Auto Wipe cleaning mechanism
Temperature sensor:	PT100
UV sensor:	Absolute UV Sensor
Pressure nominal/test:	10 / 15 bar
Hydraulic flow limit:	110 m ³ /h

Electrical cabinet

Specifications	
Cabinet model:	Combined power/control cabinet, wall mounted
Dimensions & weight:	800 * 600 * 210 mm (H*W*D), 50 kg
Material & color:	Painted steel, RAL7035
Degree of protection:	IP54
Cable length, cabinet to UV reactor:	5 meters
Ambient temperature, min/max:	5 / 35 °C
Ambient humidity, max:	95 %
Control system:	ECtronic ^Ω (incl. UV intensity output signal, Modbus)
Ballast type:	Electronic, 1.4kW lamp driver
Mains supply voltage:	230V 1L+N, 50/60Hz (alternative supply on request)
Max. power consumption:	1.6 kW (±5%)

Optional features

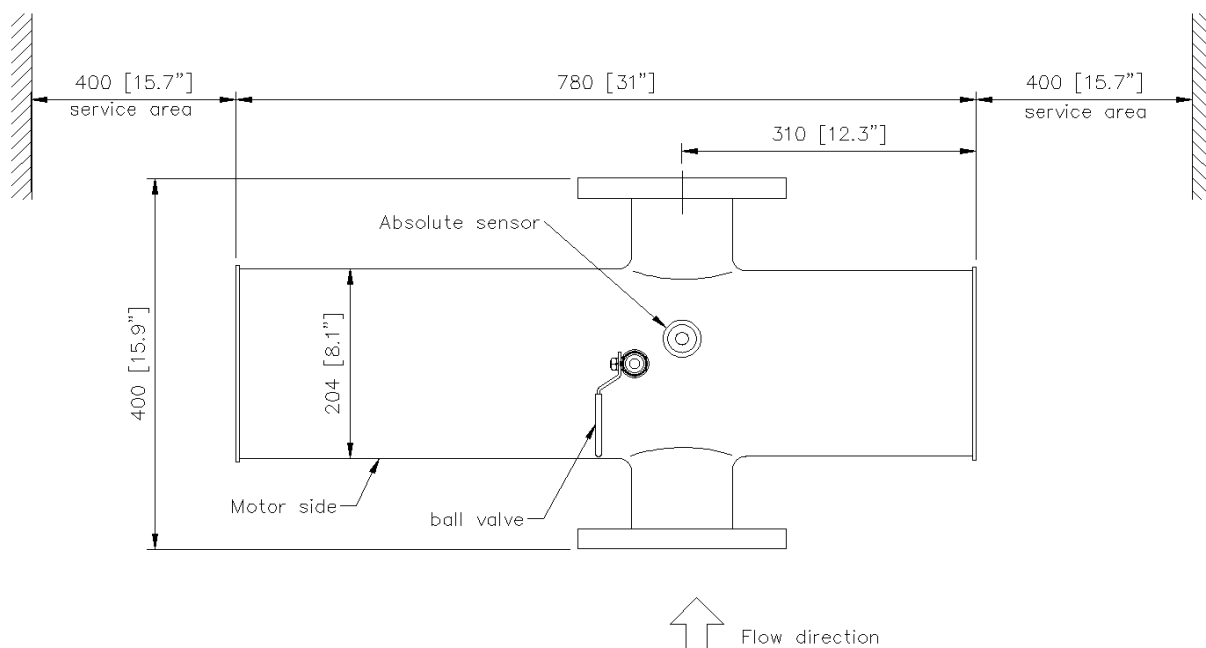
– UVTronic ⁺ control system	– Water level sensor
– IP55 / IP65 protection (electrical cabinet)	– Water leakage detection
– Stainless steel cabinet / NEMA 4(X) / ATEX protection	– Cable length > 5 meters (max. 30 m)

Note: Deviation from standard may result in change of reactor and cabinet size.

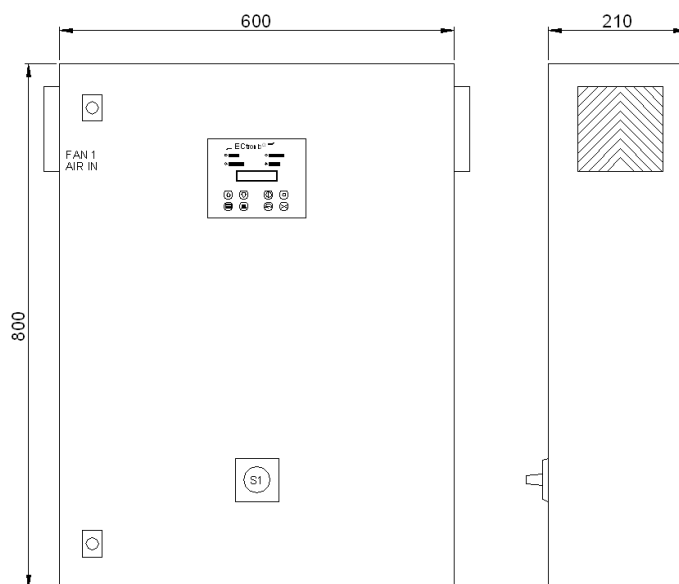
Subject to be changed without notice



UV Reactor



Power/Control Cabinet



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