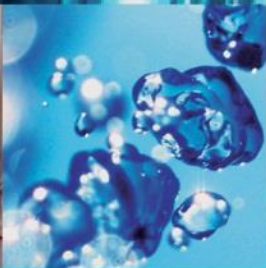
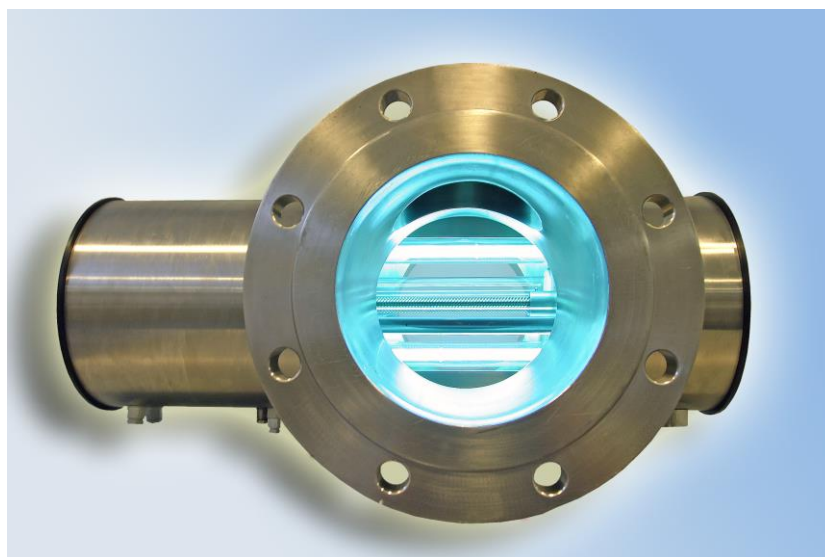


Datasheet



Berson InLine+

InLine 450+ DVGW



Type : IL+.A.E
Revision number : 190208.HK.02
Document version: 01.STD



UV reactor

Specifications	
Material:	Stainless Steel 316L, internal finish Ra _{max} 0.8 um
Degree of protection:	IP54
Connection:	Flanged, DN200 PN10 (other connections on request)
Installation dimensions:	400 mm, flange to flange
Installation orientation:	Horizontal or vertical positioning
Weight dry/wet:	78 / 100 kg
UV Lamp type:	B2520E ⁺ Berson Multiwave®
Number of lamps:	2
Sleeve material/grade:	Quartz / F240 nm
Sleeve cleaning system:	Auto Wipe cleaning system
Temperature sensor:	PT100
UV sensor:	Absolute UV Sensor
Pressure nominal / test:	6 / 9 bar
Validation flow range:	76 to 170 m ³ /h
Hydraulic flow limit:	420 m ³ /h

Electrical cabinet

Specifications	
Cabinet model:	Combined power/control cabinet, wall mounted
Dimensions & weight:	1200 * 1000 * 300 mm (H*W*D), 80 kg
Material & color:	Painted steel, RAL7035
Degree of protection:	IP54
Cable length, cabinet to UV reactor:	10 meters
Ambient temperature, min/max:	5 / 35 °C
Ambient humidity, max:	95 %
Control system:	UVTronic ⁺ (incl. UV intensity output signal, Modbus)
Ballast type:	Electronic, step less variable lamp driver 1.6 to 5.0 kW
Mains supply voltage:	230/400V 3L+N, 50/60Hz (alternative supply on request)
Max. power consumption:	5.6 kW (±5%)

Optional features

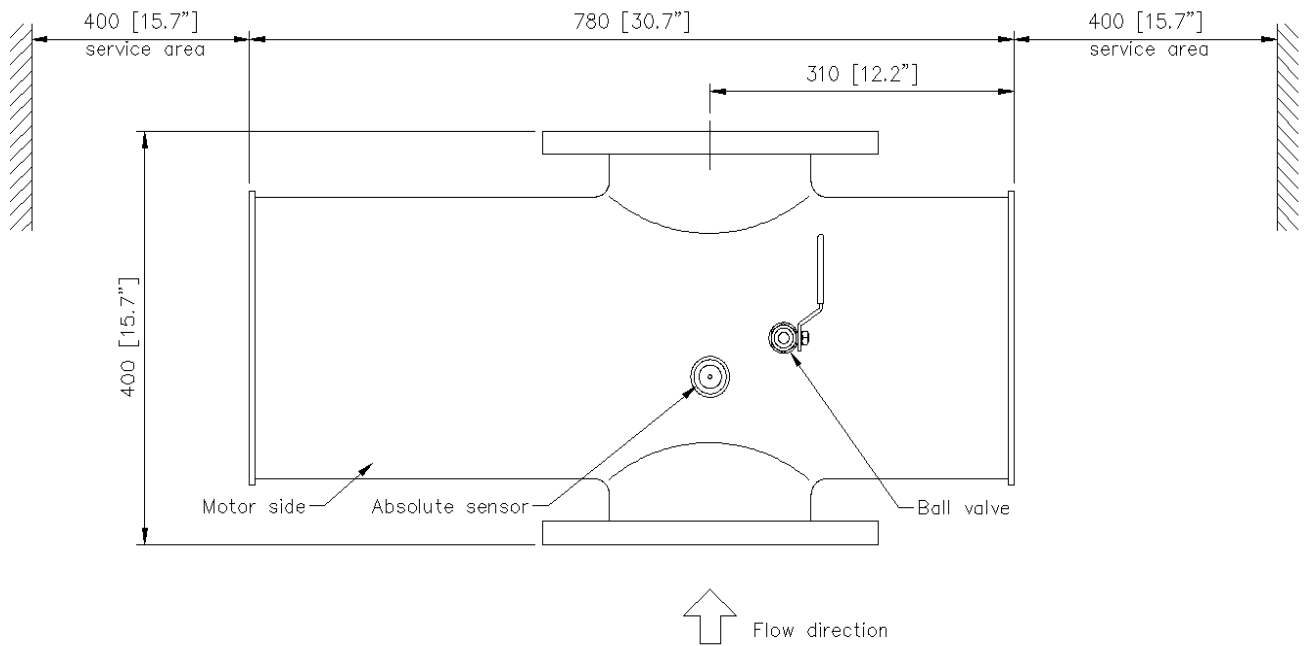
– AB800 series PLC controller with touchscreen	– Reactor pressure 10 / 15 bar (nominal / test)
– Cabinet Stainless Steel (SS 304)	– Connection flanges DN PN16 / ANSI / AS / JIS
– Cabinet protection IP55 or IP56 / NEMA4X	– Full water level sensor
– Interconnection cable length 20 / 29 meters	– Water leakage detection
– UL508A certification	

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

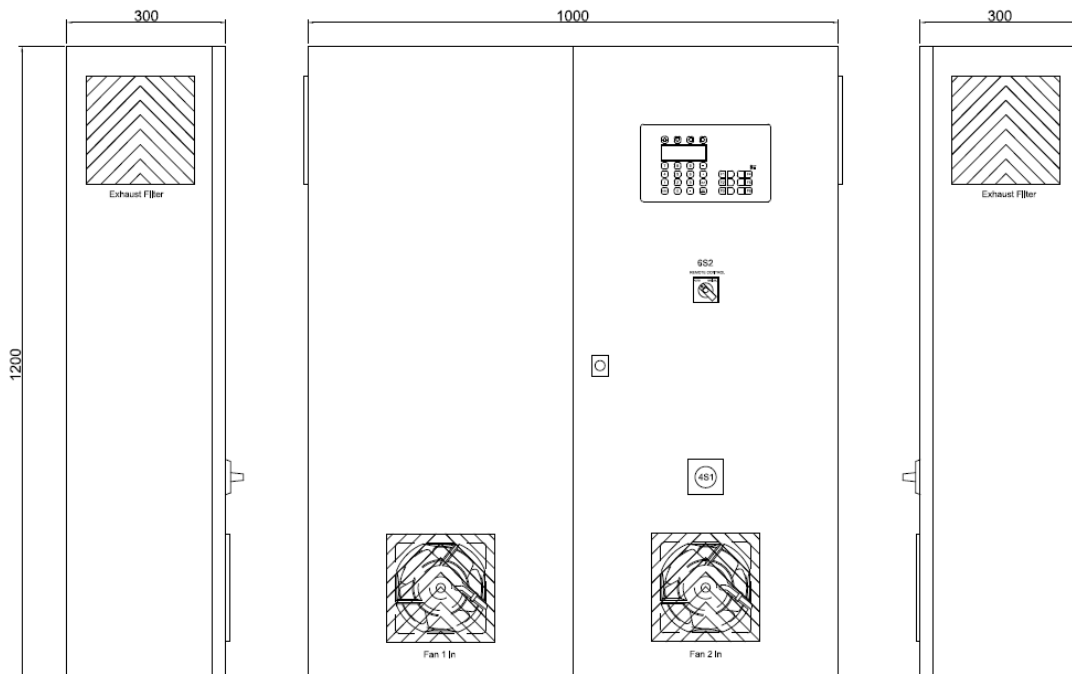
Subject to be changed without notice



UV Reactor



Power/Control Cabinet



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