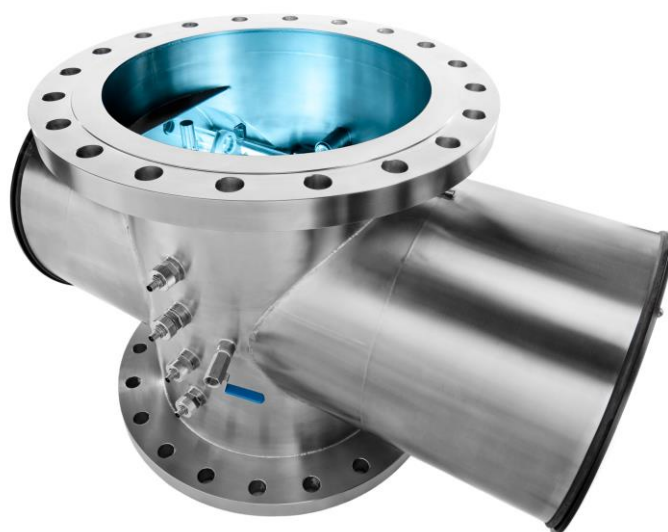


Datasheet



Berson InLine+

InLine 450+ USEPA



Type : IL+.B.E
Revision number : 160304.HK.01
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 mechanism
Temperature sensor:	PT100
UV sensor:	Absolute UV Sensor
Pressure nominal/test:	10 / 15 bar
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:	5 meters
Ambient temperature, min/max:	5 / 35 °C
Ambient humidity, max:	95 %
Control system:	UVtronic ⁺ (incl. UV dose output signal, pfc signals, 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

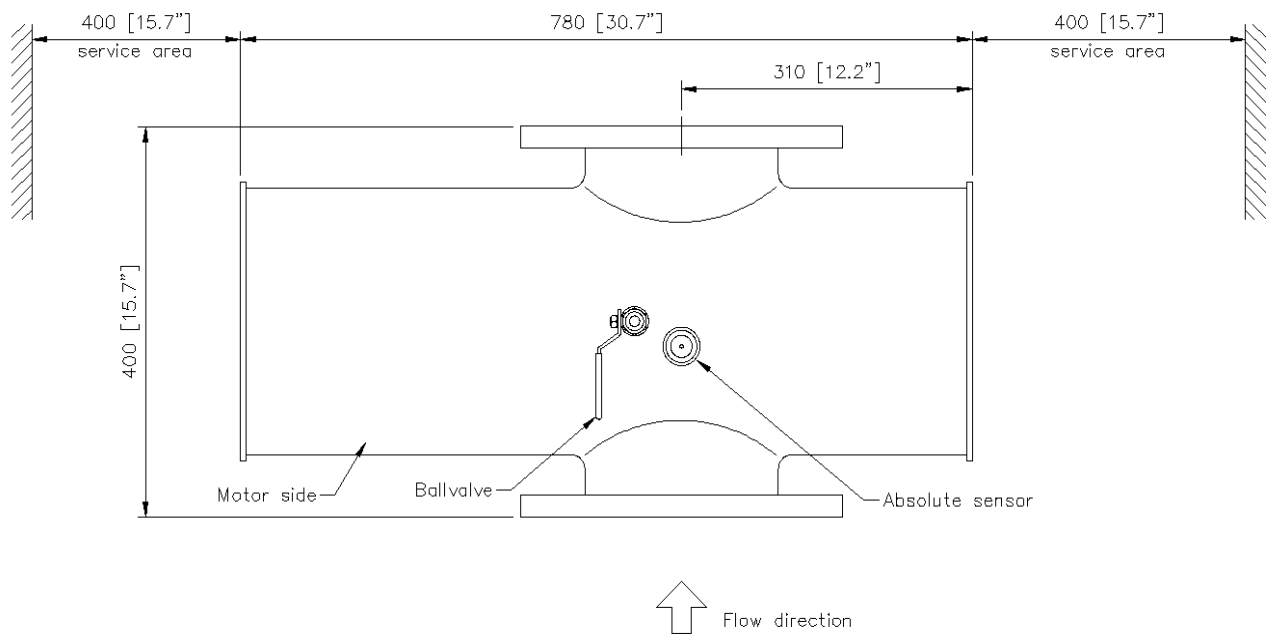
– UVT Online monitor	– Water level sensor
– IP55 / IP65 protection (electrical cabinet)	– Water leakage detection
– Stainless steel cabinet / NEMA 4(X) / ATEX protection	– Ultra Wipe chemical cleaning mechanism
– Cable length > 5 meters (max. 30 m)	

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

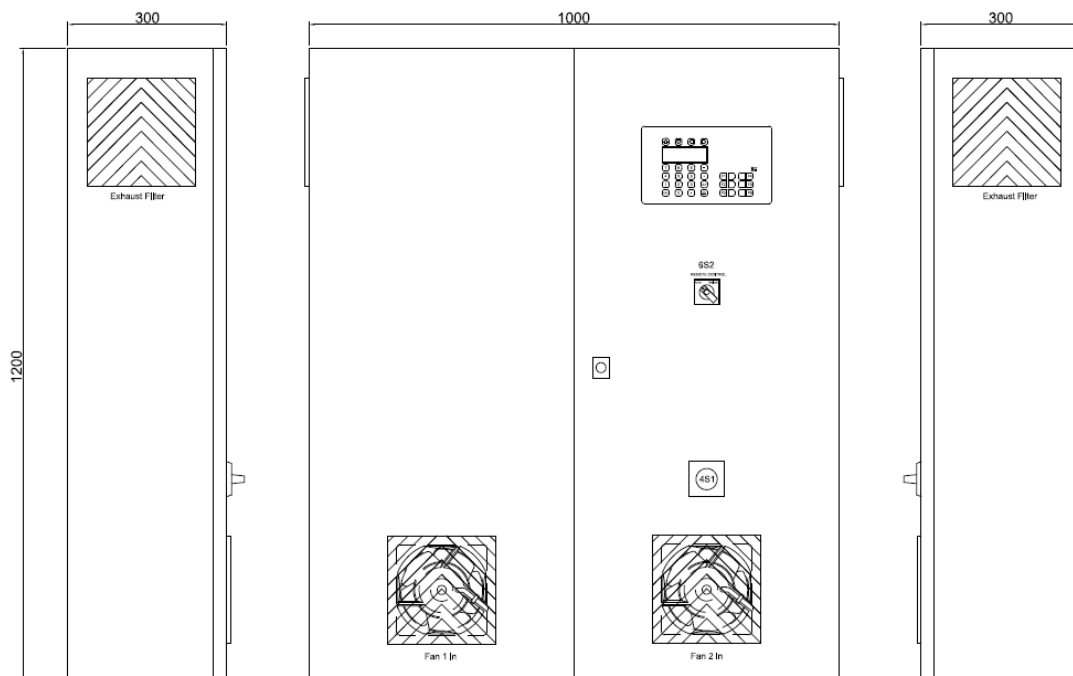
Subject to be changed without notice



UV Reactor



Power/Control Cabinet



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