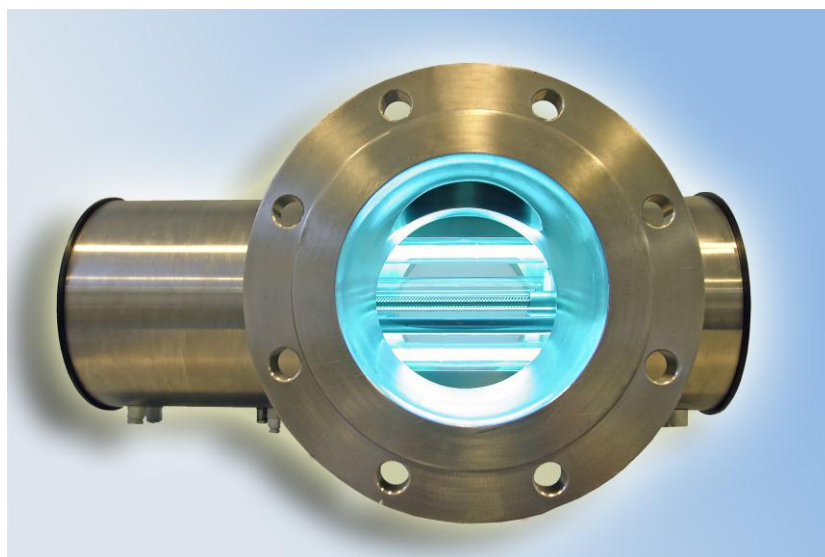


# Datasheet



## Berson InLine

### InLine 1250 Summit



Type : IL.1S  
Revision number : 130329.HK.00  
Document version : 01.STD



## UV reactor

Specifications	
Material:	Stainless Steel 316L, internal finish Ra <sub>max</sub> 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:	70 / 95 kg
UV Lamp type:	B2520E <sup>+</sup> Berson Multiwave®
Number of lamps:	6
Sleeve material/grade:	Quartz / F200 nm
Sleeve cleaning system:	Optional
Temperature sensor:	PT100
UV sensor:	Absolute UV Sensor
Pressure nominal/test:	10 / 15 bar
Hydraulic flow limit:	530 m <sup>3</sup> /h

## Electrical cabinet

Specifications	
Cabinet model:	Combined power/control cabinet, wall mounted
Dimensions & weight:	1200 * 1200 * 400 mm (H*W*D), 165 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 <sup>Ω</sup> (incl. UV dose output signal, Modbus)
Ballast type:	Electronic, step less variable lamp driver 5.0 to 15.0 kW
Mains supply voltage:	230/400V 3L+N, 50/60Hz (alternative supply on request)
Max. power consumption:	16.4 kW (±5%)

## Optional features

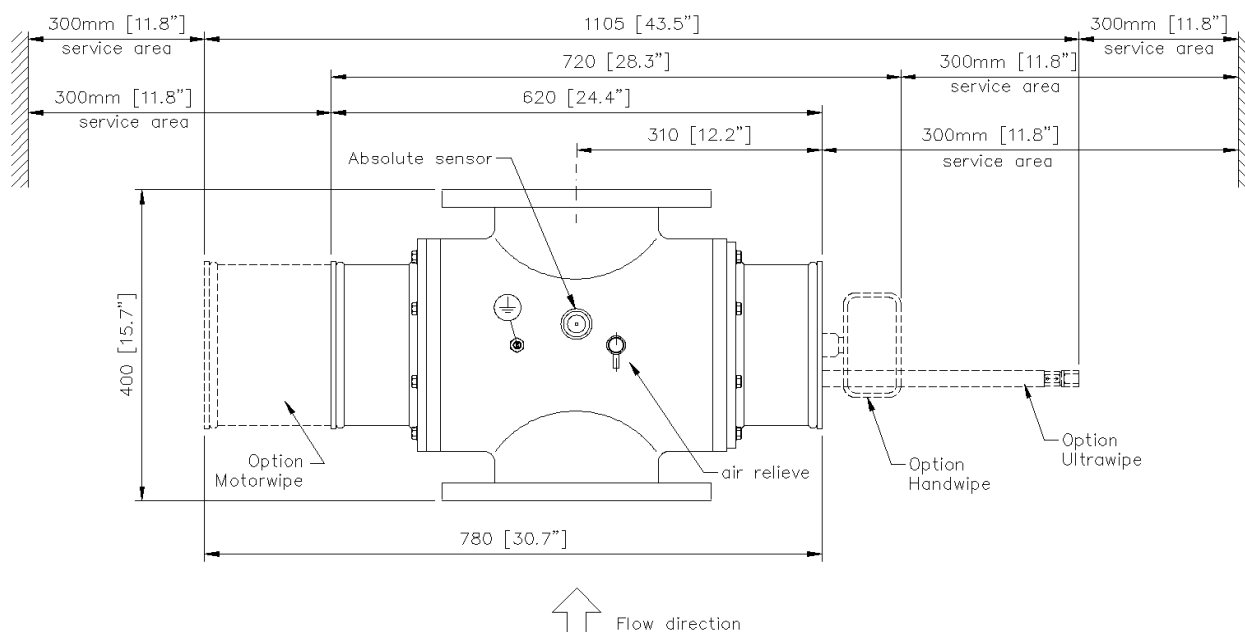
– UVTronic <sup>+</sup> control system	– Water level sensor
– IP55 / IP65 protection (electrical cabinet)	– Water leakage detection
– Stainless steel cabinet / NEMA 4(X) / ATEX protection	– Cable length > 5 meters (max. 30 m)
– Hand Wipe cleaning mechanism	– Auto Wipe cleaning mechanism
– Ultra Wipe chemical cleaning mechanism	– Inspection hatch

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

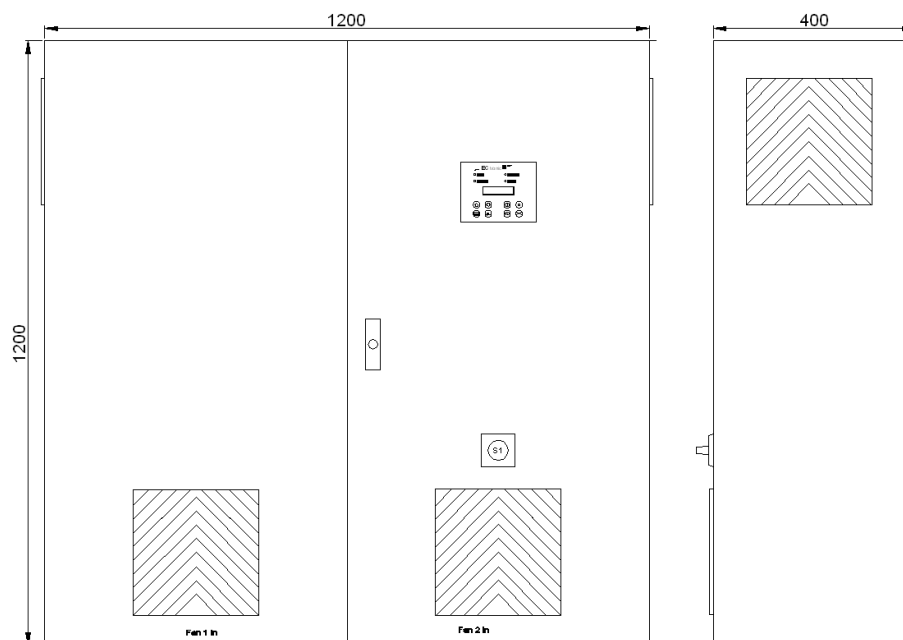
Subject to be changed without notice



## UV Reactor



## Power/Control Cabinet



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