



AF3 - 0027

Technical Specifications



Illustration shows SF4cGMP model

Multiple design configurations to meet your requirements

UV Chamber Specification

Treatment capacity *	26.5 m ³ /hr
Material	StSt 316L / 1.4404
Passivated & electro-polished	Yes
Process connections	DN50 (2") BSPT / NPT / JIS / Triclamp
Degree of protection	IP65 / NEMA 4
Chamber length	1388 mm
Chamber external diameter	102 mm
Weight dry /wet	9 kg / 17.5 kg
Number of lamps	1
Lamp type/power	Amalgam 270W
Expected lamp life	12,000 hours
Temperature sensor	No
UV monitor	Optional
Working fluid temp.	+5°C to +40°C
Hydrostatically pressure tested	Yes (for 30 minutes)
Suitable for 130°C CIP	Yes

Available Configurations

Model	IND	HYG	SF6	SF4 cGMP
Internal finish µm	1.0	1.0	0.63	0.375
BSPT / NPT connection	●	○	○	○
JIS 10K flange	●	○	○	○
Tri clamp connection	○	●	●	●
Optional ANSI 150 screw on flange	●	○	○	○
Optional PN16 screw on flange	●	○	○	○
Removable end cap	○	○	○	●
Manual cleaning wiper (incl. removable end cap)	●	○	○	○
Automatic cleaning wiper ** (incl. removable end cap)	●	○	○	○
Vertical mounting option	●	●	●	●
Validation support pack	●	●	●	●

- Available
- Not Available

Additional Information

* Capacity at 98% transmittance in T_{10} based on an average dose of 30 mJ/cm², at end of lamp life.

Operating pressure 7 bar (10 bar option available) .

** Compressed air is required for automatic wiper.

Your Hanovia account manager or distributor can advise on correct dose, and specific requirements.

Hanovia has a policy of continuous product development.

All specifications are subject to change without notification.

Installation and technical drawings are available on request.





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Technical Specifications



Electron Model B



Electron Models RC / RCM

Cabinet illustrations shown relate to non auto wipe systems

Electron Model Specification

Enclosure material	Powder coated steel / stainless steel (304) optional
Environmental protection	IP65 / NEMA 4
Dimensions H x W x D	400 x 300 x 155 mm (excluding brackets) for 230V systems [with no auto wiper] 600 x 400 x 210 mm (excluding brackets) for 115V systems, all variants [or 230V with auto wiper]
Weight	B model: 17 kg., RC / RCM models: 18 kg
Voltage / Frequency	220 - 240V or 110 - 120V, 50 / 60Hz (please specify with order)
Cable length cabinet to chamber	5m / 16 feet supplied (maximum permitted)
Total connected power	305W
Safety door interlock	Yes
Operating temperatures	+ 5 °C to + 40 °C

Electron Model Features

	B	RC	RCM
Text status display	○	●	●
Relative intensity display	○	○	●
Lamp on indicator	●	○	○
Lamp fail indicator	●	○	○
Power on indicator	○	●	●
VFC output - lamp on	●	●	●
VFC output - low UV	○	○	●
Reset button	○	●	●
Remote start / stop	○	●	●
4 - 20mA output - UV intensity	○	○	●

● Available ○ Not Available

