



AF3 - 0051

Technical Specifications



Illustration shows IND model

Multiple design configurations to meet your requirements

UV Chamber Specification

Treatment capacity *	51 m ³ /hr
Material	StSt 316L / 1.4404
Passivated & electro-polished	Yes
Process connections	Flange
Degree of protection	DN80 3" IP65 / NEMA 4
Chamber length	1437 mm
Chamber external diameter	168 mm
Weight dry /wet	25 Kg / 50.5 Kg
Number of lamps	1
Lamp type/power	Amalgam 270 W
Expected lamp Life	12 000 hours
Temperature sensor	No
UV monitor	Optional
Maximum working fluid temp.	40°C
Hydrostatically pressure tested	Yes (for 30 minutes)
Suitable for 80°C CIP	Yes (130°C by request)

Available Configurations

Model	IND	HYG	SF6	SF4	SF4 cGMP
Internal finish µm	1.0	1.0	0.63	0.375	0.375
BSPT / NPT connection	○	○	○	○	○
PN16 flange	●	○	○	○	○
ANSI 150 flange	●	○	○	○	○
JIS 10K flange	●	○	○	○	○
Tri clamp connection	○	●	●	●	●
Removable end cap	○	○	○	○	●
Manual cleaning wiper	●	○	○	○	○
Automatic cleaning wiper	●	○	○	○	○
FDA compliance pack	●	●	●	●	●

● Available ○ Not Available

Additional Information

Vertical mounting option available on most models.

Operating pressure 7 bar (10 bar option available)

*Capacity at 98% transmittance in T10 = 1.5 m³/hr based on an average dose of 30 mJ/cm², at end of lamp life (non - wiper systems).

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

Hanovia has a policy of continuous product development.

All specifications are subject to change without notification.

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UV BY DESIGN



AF3 - 005I

Technical Specifications



Electron Model B



Electron Models RC / RCM

Electron Model Specifications

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 230 V systems 600 x 400 x 210 mm (excluding brackets) for 115 V and all wiped systems
Weight	B cabinet 9 kg RC / RCM models 11 kg
Voltage / Frequency	220 / 240 V or 110 / 120 V & 50 / 60 Hz (please specify with order)
Cable length cabinet to chamber	5 m / 16 feet supplied (maximum permitted)
Total connected power	305 W (+/-5%)
Safety door interlock	Yes
Operating temperatures	+ 5 °C to + 40 °C

Electron Model Features

	B	RC	RCM
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	○	○	●

Installation and technical drawings available on request. (120187 series)

● Available ○ Not Available

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