

Air filtration with UV-C Disinfection

Aero UVtron ATP-Systems

- Dry, particle free and sterile air for storage tanks
- Dry, particle free and sterile air for clean air rooms and storage halls
- Dry, particle free and sterile air for air conditioning systems

Applications

- Storage tanks for beverage and breweries industry
- Storage tanks and halls in the food industry
- Clean air room treatment for laboratories
- Clean air room treatment for hospitals

Characteristics

- Compact design made of SS304, V4A 1.4301
- F5 and F8 particle pre-filter with air pressure booster before the HEPA H13 sterile filter
- Post-disinfection reaction chamber with DIN 11851 screw connection
- Mounted control panel made of SS304, V4A 1.4301 including differential air pressure measurement of the Pre-filters and HEPA H13 sterile filter
- Selective UV-C intensity monitoring according to DVGW W-294 and Ö-Norm 5873-1 with 4-20 mA signal output, LCD display with indication of the absolute UV-C intensity in W/m^2 , operating hours, power-on and power-failure counters, potential free relay contacts for alarm and pre-alarm signals
- Remote control
- Power failure safety with back battery
- Integrated transformer for 400, 440, and 480 VAC power supply
- Temperature supervision with automatic shutdown



Options / Accessories

- Upstream adsorption air drying equipment
- Buildup framework
- Other aseptic air outlet connections DIN11864, Din 11853 available

Technical Data

Device Type	ATP-20-1-64	ATP-80-4-64	ATP-120-6-64	
Air volume	10 - 40	40 -100	100 - 200	m ³ /h
Power consumption	210	340	470	Watt
Connection Voltage	230 or 400	230 or 400	230 or 400	VAC
Power frequency	47 - 63	47 - 63	47 - 63	Hz
Quantity of Pre-filter Type / Masse in mm	2 F5 / F8 305 * 305	2 F5 / F8 305 * 305	2 F5 / F8 457 * 457	units mm
Quantity of HEPA Filter Type / Masse in mm	1 H13 305 * 305	1 H13 305 * 305	1 H13 457 * 457	units mm
UV-C output @ 254 nm	18	72	108	Watt
UV-C Lamps	1	4	6	units
Log Reduction after HEPA filter	> 99.99	> 99.99	> 99.99	%
Dimensions - height	1'222	1'222	1'340	mm
- width * depth	815 x 362	869 x 362	890 x 497	mm
Weight	< 65	< 67	< 75	kg

Technical data alterations subject to change without previous notice

Dimensions ATP-80-4-64

