

AFM24

ULTRAPURE CLEANROOM FOGGER



Portable Ultrapure water cleanroom fogger AFM24, for producing High-density Water fog for Air Flow visualization in Cleanrooms.

The new series foggers provide a high volume, density and purity of fog based on pure water. The water fog is generated by atomizing DI water into water droplets, which are nominally from 2µm to 4µm in size. The generated fog is ultrapure leaving no trace particles after its evaporation behind. The high density of the fog increases the duration and travel distance of the fog.

The Ultrapure water cleanroom fogger system is the only CE-certified system available on the market and IP 68 protected. The Ultrapure Cleanroom fogger can be used in any class of cleanroom environment at rest and in operation.

FEATURES

- Small (all in one solution), portable and secure
- Unmatched fog output with up to 24 piezos
- Fog generated without time delay (ultrasonic heating)
- The water droplets leave no residue after evaporation
- Up to 3 meters hose



Power	240V 60HZ
Fog Outlet	Ø 80 mm
Fog Intensity/Density	0 - 100% adjustment possible
Fluid	DI water/WFI
Dimensions	420 x 260 x 280 mm
Weight Filled (Empty)	21,84 (17,64) kg



SPECIFICATIONS

Average water droplet size at fog outlet (tubing end) of AFM SERIES
2 – 4 μm (considering recombination effects during droplet transport)

Dotmatrix display (alphanumeric user interface) for indication of operating state and all operating functions

Electronical water fill level survey via capacitive sensor

Flexible tube (L x \varnothing 3.000 x 80 mm)

Designed and suitable for FDA compliant production areas

CE-certificate

24 months warranty

AFM24

Ultrasonic module with 24 piezos

Max. visualization distance (volume) 18 m (162 CBM) (depending site conditions)

AFM18

Ultrasonic module with 18 piezos

Max. visualization distance (volume) 15 m (135 CBM) (depending site conditions)

ACCESSOIRES

Fog lance apollo 32

1 - 2m (\varnothing 80 mm)

Fog lance standard version for fog curtains (L x \varnothing 800 x 60 mm) plus butterfly throttle valve w/handle 60 (\varnothing 60 mm) for a 0-100% performance adjustment

Transport trolley fitted with handles and heavy duty foam for AFM unit and accessories, dimensions 560 x 480 x 505 mm



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