

# D-Mr<sup>3</sup>

# FILTRABOX

Filtrabox by PAT Technology Systems

## Demister Cube

The D-Mr<sup>3</sup> is a 3 stage coolant/oil demister for CNC machines. Oversized demisting cartridges and HEPA filters ensure longer life and cleaner air. The Canted Cube design promotes faster coolant drainage for even greater filter longevity. You can expect consistent fog-free operation with the Smart-Flow controller, which monitors and maintains the ideal flow across the life of the filter. The airflow set-point can be tuned to avoid coolant starvation and accelerated evaporation of water which can throw off critical oil to water ratios. It also features easy filter access for quick filter replacements.

Adjustable airflow set-point: 350-800 cfm.

EC brushless motor for precise control and reliability.

Oversized HEPA (99.995% @ 0.3 micron) included as standard. (More than double the surface area compared to typical demisters).

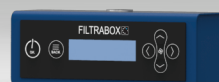
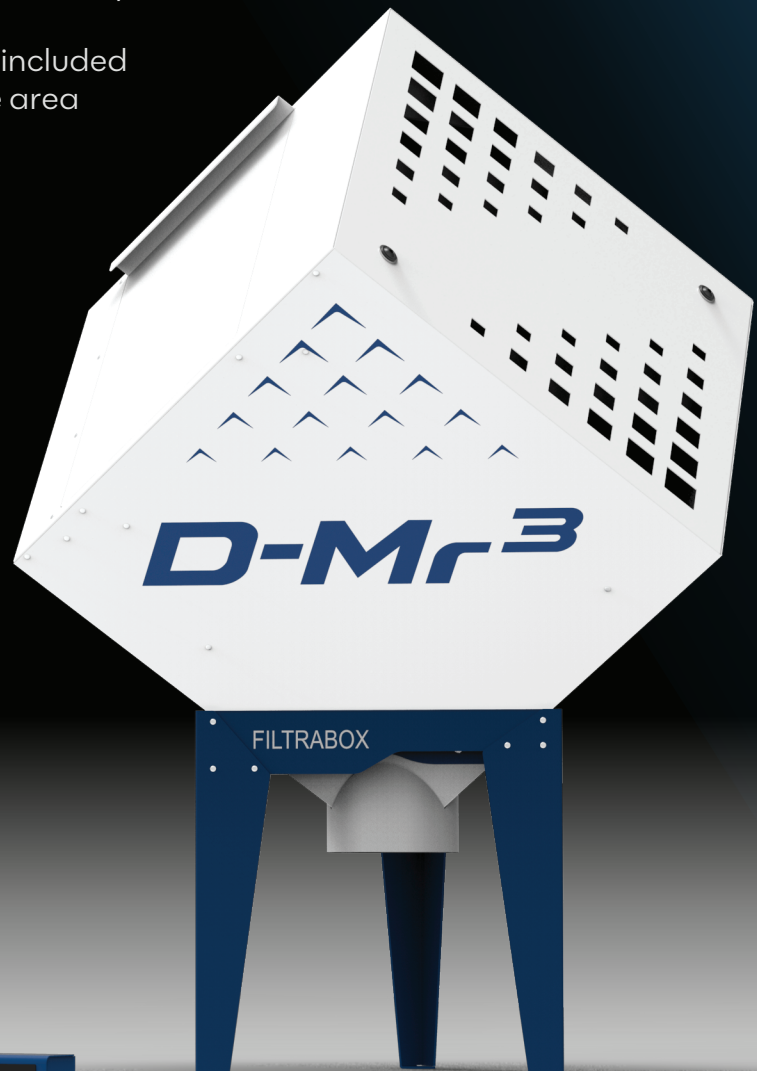
Oversized washable stainless steel mesh and baffle type demister prefilters.

Inputs for remote on/off control.

Outputs for alarms and status: filter replacement and errors.

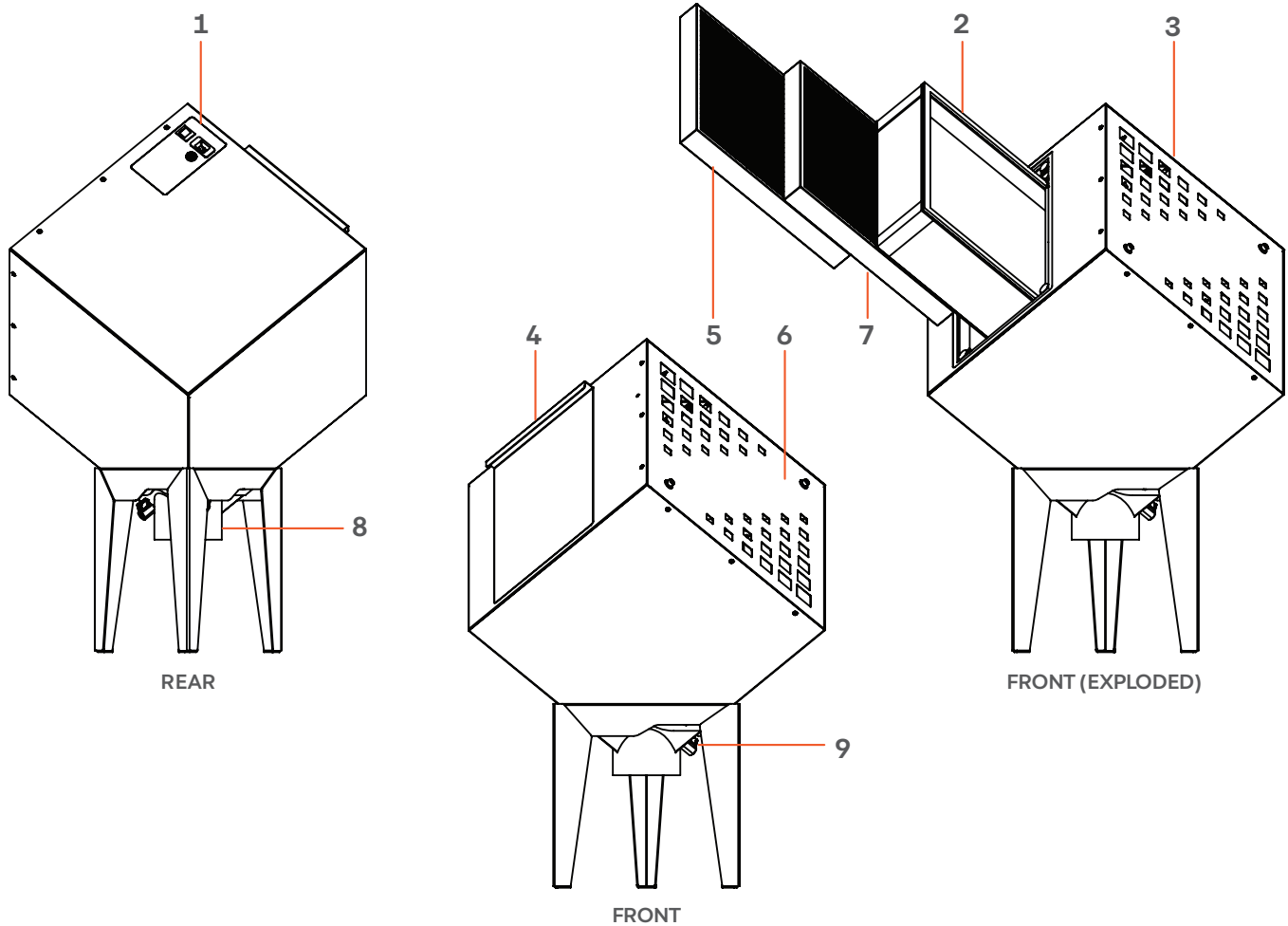
Integrated drain ports.

Remote interface is included for easy control and filter status visibility



# Specifications

## D-Mr<sup>3</sup>



Technical Specification		
Quiet Operation	50 dB	
Max. Airflow	800 CFM	
Height	49 in	
Width	32 in	
Depth	37 in	
Warranty	1 year	
Included Filters		
Type	Material	Total Media
1 Baffle Pre-Filter	Stainless Steel	19" x 19"
1 Mesh Demister	Stainless Steel	19" x 19"
1 HEPA	Glass Fiber	6 m <sup>2</sup>
Electrical		
Volts	230/120 V	
Frequency	50-60 Hz	
Rated Amps	1.2/2.4 A	

Contact us for details on hose kits.

### Legend:

- 1) Electronics Module - Power/Connectivity
- 2) HEPA Filter - 99.995% @ 0.3 micron
- 3) Exhaust Cover
- 4) Filter Access Door
- 5) Baffle Pre-Filter - Washable
- 6) Blower Module
- 7) Mesh Demister - Washable
- 8) 6" Inlet Spigot
- 9) Drain Port