

TRION®

AIR BOSS

Model: IMP 38



FEATURES AND BENEFITS

A practical and economical method to eliminate oil mists is to apply Trion's AIR BOSS Model 38 unit. Under normal mechanical and thermal stresses, petroleum based and synthetic oils in the lubrication systems break down into fine mist and smoke particles.

These particles, under pressure, escape through bearing seals to breather vents where they are exhausted, these airborne oil mists can create health and fire hazards.

Trion's Model 38 is ideal for collecting fumes and oil mists from Gas Turbines, Diesel Engines, Vacuum Pumps, Compressors, Auxiliary Engines and Storage Tanks.

- Removes fumes and oil mist from discharged air - helps maintain a cleaner work environment and reduces costly maintenance clean-ups of oil
- Spiked Ionizers - no ionizing wires to replace, which reduces maintenance costs
- Low and constant static pressure - insures machinery performance
- 3-speed selector switch - easy control for economic and effective results
- Easily installed and maintained - installed within 30 minutes to 1 hour

Specifications	VENT FOG / IMP
Airflow Max Volume	1020 m ³ /hr
No. of Cells	1
Power (watts)	50
Noise Level dB(A)	50-70
Output Voltage (Kv)	12/6
Input Voltage	110V/1ph/50Hz - 230V/1ph/50Hz
Dimensions	Height (mm) 1273 - 1727 Width (mm) 311 - 349 Length (mm) 390 - 714
Cell Weight (kg)	5.7 / 12.5
Weight (kg)	71 / 153

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General Specification

Cabinet: Constructed of heavy gauge steel with welded seams

Finish: High Bake Epoxy Powder

Airflow: Horizontal. Right/Left or Left/Right

Installation: Suspended, wall or frame mounted

Electrical Connection: Direct to junction box on unit

Pre-/after-filter: Washable aluminium mesh

Controls: On/Off Switch with operating light

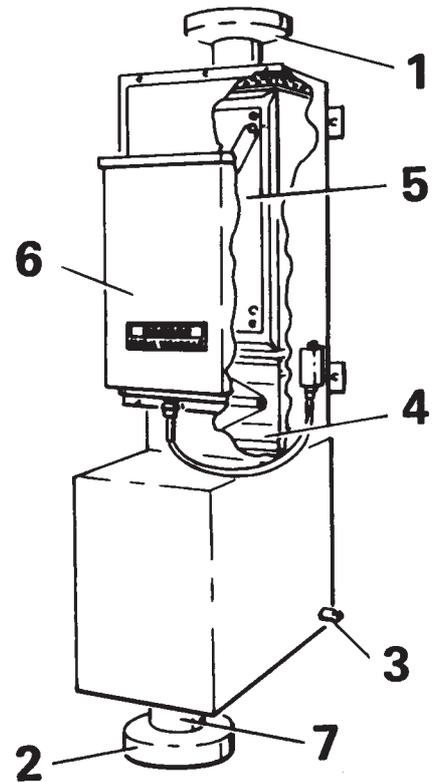
Pre-Filter Options: Extended surface wraparound with 10 sq. ft of 2" thick polyester media
2" thick polyester pad in metal frame

Main Filter: 66 sq.ft. multi pocket with variable stitching sealed against air leakage
Material: Borosilcate glass fibres with bonded laminated backing
Efficiency to 95%

Main Filter Options: 65% efficiency filter bag
95% efficiency filter bag
Texwood: Polyester single pocket with cleanable fibreglass liner

Optional: Filter change indicator gauge

Mounting: 4 eyebolts



1. Clean Air Outlet
2. Dirty Air Outlet
3. Drain Outlet
4. Ionizer
5. Collector
6. Power Supply
7. Flame Arrestor

