

TECHNICAL DATA



AerPro™ C-Series Oil Mist Collectors



▶CNC MACHINE TOOLS ▶FOOD PROCESSING ▶GEAR MACHINES ▶PARTS WASHERS
▶SCREW MACHINES ▶VACUUM PUMPS ▶VENTING LUBRICATION TANKS

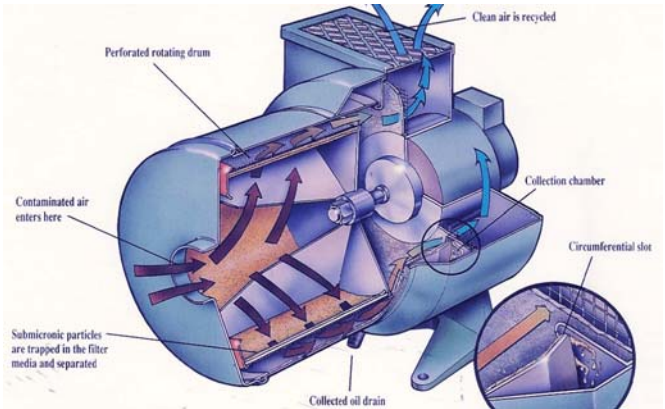
IMPROVE WORKING AND SAFETY CONDITIONS BY REMOVING IN-PLANT OIL MIST

The AerPro Models C-500 & C-1000 are compact, efficient, and economical mist collectors for mounting directly on a wide variety of machines using either petroleum-based or synthetic coolants. Centrifugal separators remove submicronic contaminants from the plant atmosphere at the source, thereby minimizing problems encountered with old-style units, unsightly ductwork, obstruction of lighting, and excessive maintenance. The Model C-500 and Model C-1000 offers options and accessories such as, mounting brackets, hoses, and floor stands – all of which make installation procedures easy and efficient. An additional reduced maintenance filter (IN-COVER TRAP) is recommended for metalworking or chip producing applications.

Outstanding performance characteristics include two sizes 500 and 1000 CFM Nom and standard operating voltages of 230/460/3/60, 190/380/3/50/ Hz. For heavy smoke/mist applications, the addition of an HEPA Filter will deliver guaranteed filtration efficiency of 99.97% down to 0.3 microns.

HOW DOES IT WORK

The oil laden mist enters from the front inlet where it impacts against the radial fan blades. The mist is then thrown by centrifugal force to the outside walls where it is driven through perforated drum. During this process the mist is stripped of contaminants from the throwaway liner and then is coalesced into large droplets as it passes through the dense polyester felt primary filter. These droplets are then thrown free of the rotating drum and are driven to the outer casing where by the liquid flows through the 360° slot. The droplets then enter a collection chamber for drainage. Clean air is returned through the exhaust grille.



Features & Benefits With over ten years of manufacturing these units, AerPro is committed to performance, quality and availability.

In-stock units for immediate delivery.

Power Coated Inside and Out for long life and appearance.

Each Unit is Run for 2 Hours to ensure quality before shipping.

Low noise 70 – 75 dBA.

Best Centrifugal Efficiency due to engineered drum face gap.

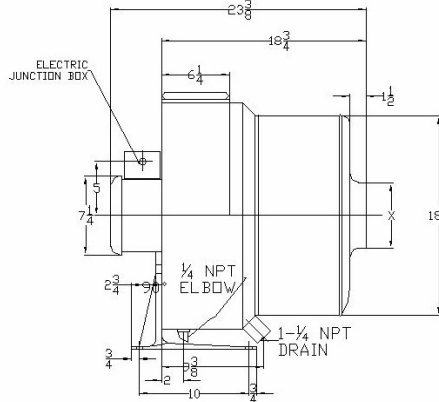
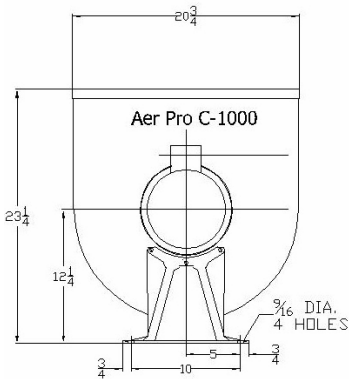
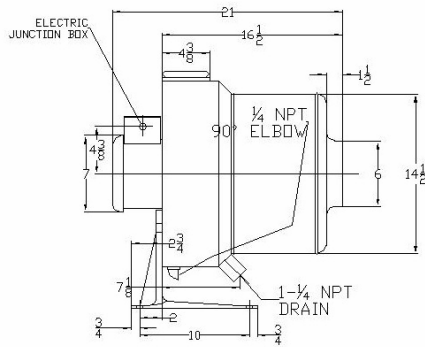
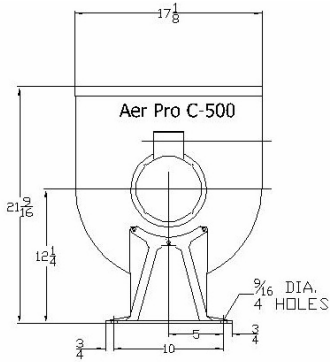
Reduces Make-up Air by recirculating clean air back to the plant.

Easy Direct Machine Mount eliminates ductwork.

Maintenance is Reduced to changing inexpensive throwaway liner every few months.

3 Year Warranty

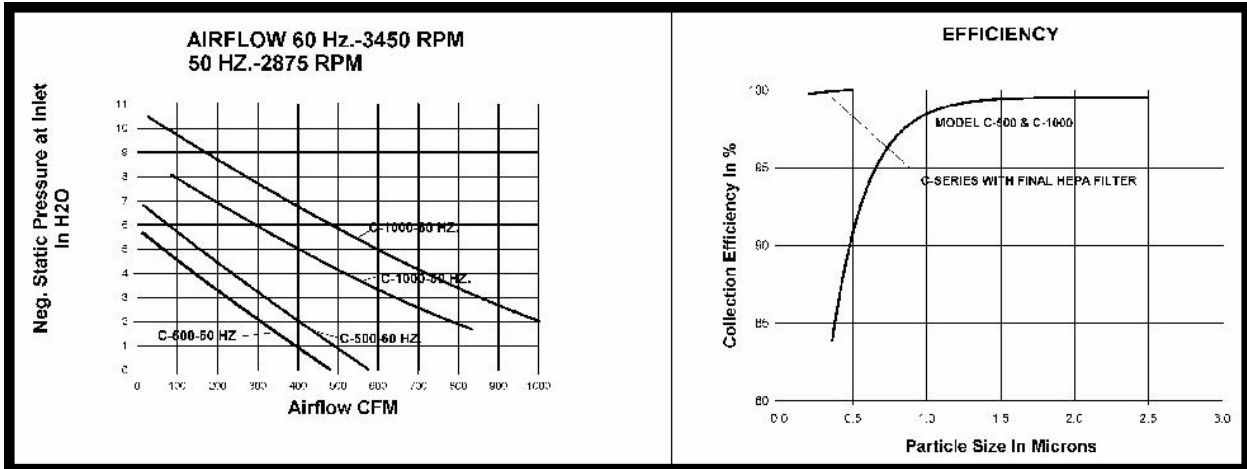
C-500/C-1000 SPECIFICATIONS



Airflow..... 500 CFM (849.5 m³/hr/) @ 60 Hz
 450 CFM (765 m³/hr/) @ 50 Hz
 Construction..... Welded 16 Ga. Steel
 Paint..... Powder Coated inside and out AerPro Blue
 Motor/Blower.... 1 HP, 3450 RPM TEFC
 Electrical..... 460/230/3/60 or 380/190/3/50
 Weight..... 95 lbs. (43 kg.)
 Sound..... 72 dBA

Airflow..... 1000 CFM (1700 m³/hr/) @ 60 Hz
 900 CFM (1530 m³/hr/) @ 50 Hz
 Construction..... Welded 16 Ga. Steel
 Paint..... Powder Coated inside and out AerPro Blue
 Motor/Blower.... 3 HP, 3450 RPM TEFC
 Electrical..... 460/230/3/60 or 380/190/3/50
 Weight..... 120 lbs. (60 kg.)
 Sound..... 75 dBA
 "X" 6" or 8"

PERFORMANCE



OPTIONS:

After filters: 99.97% @ 0.3 micron HEPA or 95% D.O.P.



In-cover pre-filters are recommended on most chip producing machines.



Floor stands and other mounting plates available.

AerPro also manufactures downdraft tables, WetAer wet dust collectors, Soldering/Fume Collectors, 800 CFM/1500 CFM Shaker bag dust collectors, and Vertical and Horizontal media collectors from 150 –12,000 CFM.

Distributed by

Another AerPro Product from:

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