

**MODEL DCS CAOR**  
Media Air Cleaner



*The Clean Air and Odor Reducer is a self-contained media air cleaning system designed for general background or ducted for source capture applications. The CAOR can be ordered with three-stage filtration which will effectively remove a broad range of airborne contaminants including fine dusts, smoke, soot, vapors, mist and VOC's from Fluidized bath parts cleaning applications.*

*The CAOR is recommended for light to medium duty applications of bi-weekly tools and parts cleaning. The air inlet temperature to the dust collector must be reduced to below 175°F by the use of bleed in air ducting (supplied by Duct Inc). Units are sized at 1000cfm for a 50% bleed in cooling air.*

# CAOR FEATURES & SPECIFICATIONS

DIMENSIONS: 27<sup>1</sup>/<sub>2</sub>"H x 14<sup>1</sup>/<sub>2</sub>"W x 56"L

WEIGHT: 200 lbs. installed  
240 lbs. shipping weight

CABINET: 16 gauge welded steel cabinet with a baked enamel, textured coated finish.

POWER INPUT: 110 - 120 Vac, 60 hz, 1 phase, 12 amps

208-240 Vac, 60 hz, 1 phase, 6 amps

PRIMARY FILTER: Dimensions on the bag filters are 12" x 24" x 26"

AIRFLOW/EFFICIENCY:

Stock #	Filter*	CFM = Cubic Feet Per Minute	
		1 HP	WG
41128	95-98% Bag	1125 CFM	1.3
41129	85-90% Bag	1250 CFM	1.1
41130	65-70% Bag	1270 CFM	1.0
41131	45-50% Bag	1315 CFM	1.0

\*Efficiency based on ASHRAE Dust Spot 52-76.

INLET AIR TEMPERATURE: 175°F maximum.

MOUNTING: Standing or hanging cabinet with horizontal airflow. Ceiling mount brackets – standard.

PREFILTER: 30-35% efficiency, pleated 12" x 24" x 4". Filter media is a cotton and synthetic blend. Total prefilter media area is 15 sq. ft.

MOTOR: 1 HP sealed ball bearings and thermally protected. Adjustable motor sheave allows for field adjustments to the rated air flow.

BLOWER: Forward curved, ball bearing, belt driven centrifugal blower. This blower is capable of moving 2250 cfm free air.

INSTRUMENTATION: **Dirty Filter Gage** – Factory installed pressure gage designed to determine filter replacement cycle.

**Indicator Light** – Light indicates that blower motor is energized properly.

FILTER ACCESS: Side load track system with hinged access door.

SOUND LEVELS: 72 dBa at 9', 70 dBa at 12'.

## STANDARD FEATURES:

- 36 month parts warranty.
- One HP maintenance-free motor.
- Dirty filter gage.
- 35% efficient 4" pleated prefilter.
- 10' power cord with molded plug.

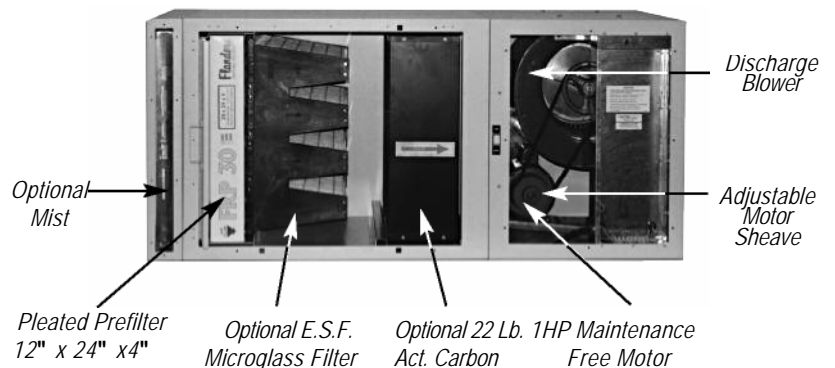
## OPTIONAL EQUIPMENT:

- Impinger assembly for mist applications.
- Plenum, ducting and hood accessories.
- 2 HP motor upgrade.
- Extended service filter upgrade.
- 65% ASHRAE prefilter.
- Minihelic® upgrade
- Bulk refillable carbon module

COAR SHOWN WITH OPTIONAL PLENUM



COAR SHOWN WITH OPTIONAL 22 LB. CARBON MODULE & E.S.F. FILTER



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