

SPECIFICATIONS

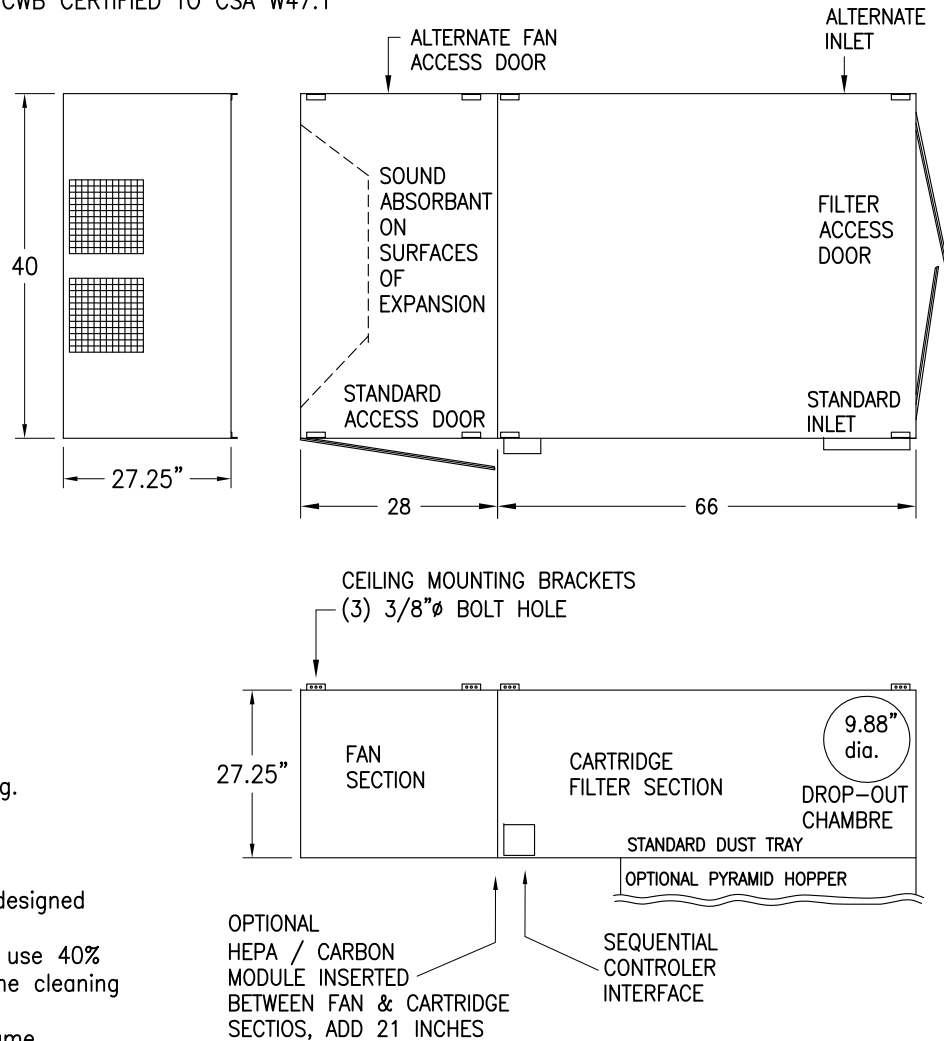
- 1600 SCFM @ 1.5 inch WC external static pressure, ducted.  
1200 SCFM with source capture arm having 2.25 inch pressure drop.
- 3HP, 208-230-460-575/3/60 volts
- Ambient air cleaner configuration available.
- 14 gauge HRS brown epoxy painted steel construction
- ceiling mount brackets standard
- 4-way deflection outlet grille
- built-in silencer plenum
- noise level: 75 to 80 DBA at 10 feet from exhaust
- access door to filter compartment and and compartment, with easy access hand wheel fasteners. Standard position shown on the drawing.
- removable dust tray for dust collection inside the filter compartment. Optional pyramidal hopper is available.
- 10 inch round inlet connection collar provided. Standard position shown on the drawing.
- Primary filters: TWO(2) pleated cartridges, 80/20 synthetic-cellulose blend designed specifically for high-ratio dust collectors and 2-7 times filter life.
- Optional filters: polyester, treated polyester to be hydro & oleophobic PTFE (Gortex) media. Extra wide pleat spacing for coarse dust collection. Other medias for difficult applications
- optional: HEPA or charcoal module
- compressed air consumption: 0.67 SCFM @ 2 grains per cu.ft of dust loading.
- Weight: 650 lbs (800 lbs with HEPA/Charcoal module).

FILTER CLEANING:

1. ENTIRELY ON-LINE Automatic self-cleaning high ratio reversed jet pulse is designed to clean 100% of media , requiring no shut down for after pulse cleaning.
2. SUPERSONIC NOZZLES on pulse pipes; The system is computer designed to use 40% less compressed air while producing 3.6 times more HP of energy to power the cleaning jet.
3. Valves are rated at 125% of required flow to insure proper back-flush volume.

UNIQUE Collector operation:

Contaminated air enters by a high inlet which leads to a large drop a section. The air then makes a 90° turn before entering the filter compartment. This causes most of the heavy dust to drop directly to the hopper or tray. Result is a downward movement of air with a very light loading of dust over the filters, preventing the adverse effects of upward can velocity and also prevents abrasion in the collector. The air is cleaned by the filters, goes through a large evase which keeps the pressure drop extremely low through the collector, resulting in 20 to 40% lower power consumption. The dropout section eliminates the need for prefilters and/or cyclones.



QAM RESERVES THE RIGHT TO CHANGE DESIGN AND SPECIFICATIONS WITHOUT NOTICE.

COMPANY:			
<b>QUALITY AIR MANAGEMENT CORP.</b>			
TITLE:			
<b>CH-1600 Ceiling Hung Dust Collector</b>			
DWG.No.		REV. No.	
CH-001		1	
DATE:		DATE:	
10/16/06		5/3/2007	
SCALE:		DRAWN BY:	
NOT TO SCALE		SMW	

ALL DIMENSIONS IN INCHES