



Environmental Work Cell

- 12 Gauge All Welded Construction
- DTM Durathane Mastic Industrial Finish
- Integral Direct Driven, High Efficiency Fan Assemblies
- Removable, Aluminum Louvered Anti-Spark Intake Panels
- Sliding Dust Drawers for Easy Clean-Out
- Digital Filter Cleaning Controller
- NANO Web Fire Retardant Filters - MERV 15 Efficiency
- Various Power Options Available

Single throw filter seal technology prevents particulate bypass and makes filter changes simple.



ENVIRONMENTAL WORK CELL

Fugitive dust, smoke and fumes are removed from the open production area and contained within the booth dust collection system. The work area is continuously filtered by high efficiency cartridge filters with capabilities of MERV 15, 95% efficiency down to 1 micron. The clean air can be discharged back in the interior work space providing energy savings.



Specifications

Model	EWC-4	EWC-6	EWC-8	EWC-10	EWC-12	EWC-16
Air Flow	4,000	6,000	8,000	10,000	12,000	16,000
Static Pressure (in. Wg)	3	3	3	3	3	3
Dry Weight (lbs)	1,800	2,800	3,000	3,500	3,800	4,200
TEFC Motor, HP	3	5	10	15	15	25
Motor Full Load Amps	4.8	7.6	14	21	21	27
Motor / Fan RPM	1750	1750	1750	1750	1750	1750
Primary Voltage	460 Volt 3 Phase 60 Hertz					
Fan Size	182 BC, 100%	200 BC 100%	245 BC, 63%	270 BC, 56%	270 BC, 56%	270 BC, 89%
Fan Type	AMCA Rated, Backward Curved, Single Width, Mild Steel					
Housing Construction	12,10 Gauge and 3/16", Solid Welded					
Motor Controls	NEMA 12 Start / Stop with Overload Protection					
Filter Media Square Foot	1080	1,800	2,700	3,600	3,600	5,400
Filter Media / Cartridge	NANO Web Fire Retardant MERV 15					
Filter Cartridge	(6x) 26" L W/ 14 x 16" Top Flange	(5x) 52" L W/ 14 x 16" Top Flange	(5x) 52" L , (5x) 26L W/ 14 x 16" Top Flange	(10x) 52" L W/ 14 x 16" Top Flange	(10x) 52" L W/ 14 x 16" Top Flange	(15x) 52" L W/ 14 x 16" Top Flange
Filter Cleaning	(1) Digital Sequencer / Timer with Internal DP Switch for On-Demand and Off-Line Pulse Cleaning. Includes Digital DP gauge; (2x) 1" Diaphragm Valves.					
Compressed Air	80-90 PSI Required Hook-Up; 1/2" NPT Coupling					
Clean-Out Drawer Dim.	(2x) 23" W x 30" D x 6" T	(4x) 18" W x 30" D x 6" T	(4x) 22" W x 39" D x 6" T	(4x) 22" W x 39" D x 6" T	(4x) 22" W x 39" D x 6" T	(4x) 2" W x 55" D x 6" T
External Coating	Durethane DTM by PPG is a Direct-To-Metal Urethane Mastic Coating that is Chemically Resistant and Extremely Durable. It Provides Excellent Corrosion Resistance and has Superior Color and Gloss Retention, Excellent Adhesion, UV Protection, and is Abrasion Resistant.					

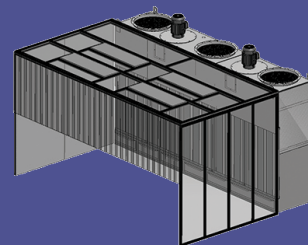
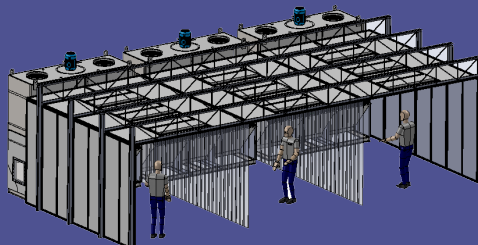
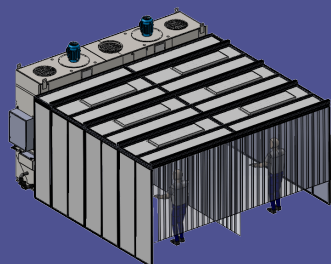
ENCLOSURES

ProVent booth enclosures are constructed of sturdy galvanized panels. Panels are 2 feet wide with 2 inch bent flanges.

Booths are shipped broken down and easily bolted together on site.

Explosion rated LED lights are included

Sizes from 6'W x 8'D x 8'H and increased by 2' Lengths in all directions.



BOOTH OPTIONS

Curtaining—Increases the speed of air into the booth

Crane Slot—Allows for the use of a crane to move heavy items into the booth

Sound Insulation—Reduces noise inside and outside the booth

Interior Partitions—Available as needed