

Supplying Clean Air to Industry

Let Air Quality Engineering use our decades of air cleaning experience to help solve your industrial air quality problems and improve your plant's productivity.



Air Quality Engineering uses proven technologies and a comprehensive range of equipment to handle harmful airborne industrial contaminants such as coolant mist, welding smoke, and grinding dust. Our industrial air cleaners are easily installed and available for general background air cleaning or source capture applications.



The MX-Series air cleaners are media filtration based units designed for source capture applications dealing with mist and smoke. The MX-Series is designed to provide either a self-contained unit with motor and blower (M330 and M660) or a customized package (M2660, M3660 and M4660) in which we work with you to select the best motor/blower packages to meet your source capture design.

The MX-Series provides:

- Reduced maintenance costs through extended life filters having maximum media surface area
- Reduced start-up costs with on-board controls and circuitry
- Increased speed of system deployment through Air Quality Engineering's configuration and technical support
- Increased air cleaning efficiency through the use of a wide selection of pre and primary filter options to meet specific contaminant requirements
- Superior product quality and workmanship from a U.S.A. manufacturer

MX-Series solutions provide airflow capacities ranging from 1250 CFM to 10,000 CFM. Solutions are designed with multi-stage filtration customized to handle your specific contaminants. The M660, as well as the M2660, M3660, and M4660, can be equipped with HEPA filtration and/or odor modules for increased filter efficiency and vapor/odor control.

Air Quality Engineering stands behind the quality of the MX-Series with a limited 36 month warranty.



**AIR QUALITY
ENGINEERING**

Air Quality Engineering, founded in 1973, is proud to offer a continued, superior level of experience in manufacturing complete air filtration systems that provide the highest performance, efficiency, and capacity for the money. Our sales and engineering team's mission is to identify the most cost-effective, high-quality solutions for our customers' needs, whether commercial, industrial or residential.

MX-Series: M330, M660, M2660, M3660 & M4660

The MX-Series is composed of both self contained systems (M330 and M660) and scalable solutions customized for airflow based on the selection of motor and blower packages (M2660, M3660, and M4660).

Need to handle one or two manufacturing processes with a source capture solution? Look to the M330 and M660 providing standard motor/blower configurations for quick deployment.

Want the maximum scalability for filter life and source capture design? Then the M2660, M3660 and M4660 are the scalable solutions providing custom motor/blower packages and a wide range of filter options.

Using the solution comparison chart below and the expertise of our application specialists we can assist you in designing *good, better, and best* options for your application.

Model	M330	M660
Maximum Recommended Airflow	1250 CFM	2500 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	115V/60/1 Phase 230V/60/1 Phase	110-120V/60/1 Phase 208-240V/60/1 Phase 208-240V/60/3 Phase 440-480V/60/3 Phase
Motor Options	1HP, 1.5HP, 2HP	1HP, 1.5HP, 2HP, 3HP, 5HP
Blower Options	Belt driven forward curved	Belt driven forward curved Direct drive backward inclined
Filter Options Prefilter	Two 12" x 24" x 2" Mist Impingers One 12" x 24" x 4" Pleated Prefilter MERV 8	Two 24" x 24" x 2" Mist Impingers One 24" x 24" x 4" Pleated Prefilter MERV 8 One 24" x 24" x 4" Pleated Prefilter MERV 11
Filter Options Primary	One 12" x 24" x 26" MERV 14 Bag Filter One 12" x 24" x 26" MERV 13 Bag Filter One 12" x 24" x 12" Polypropylene ESF MERV 14 One 12" x 24" x 12" Polypropylene ESF MERV 13	One 24" x 24" x 26" MERV 14 Bag Filter One 24" x 24" x 26" MERV 13 Bag Filter One 24" x 24" x 12" Polypropylene ESF MERV 14 One 24" x 24" x 12" Polypropylene ESF MERV 13

Specifications subject to change without notice.

Model	M2660 M3660 M4660
Maximum Recommended Airflow	M2660: 5000 CFM M3660: 7500 CFM M4660: 10,000 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	208-240V/60/3 Phase 440-480V/60/3 Phase International voltages available
Motor Options	3HP; 5HP; 7.5HP; 10HP; 15HP <i>Custom motors selected per application</i>
Blower Options	Direct drive backward inclined <i>Custom blowers selected per application</i>
Filter Options Prefilter	24" x 24" x 2" Mist Impingers 24" x 24" x 4" Pleated Prefilter MERV 8 24" x 24" x 4" Pleated Prefilter MERV 11 <i>Quantity determined based on application</i>
Filter Options Primary	24" x 24" x 26" MERV 14 Bag Filter 24" x 24" x 26" MERV 13 Bag Filter 24" x 24" x 12" Polypropylene ESF MERV 14 24" x 24" x 12" Polypropylene ESF MERV 13 M2660: 2 Primary Filters Per Unit M3660: 3 Primary Filters Per Unit M4660: 4 Primary Filters Per Unit
Available Configurations	HEPA Module

Motor-blower packages sold separately

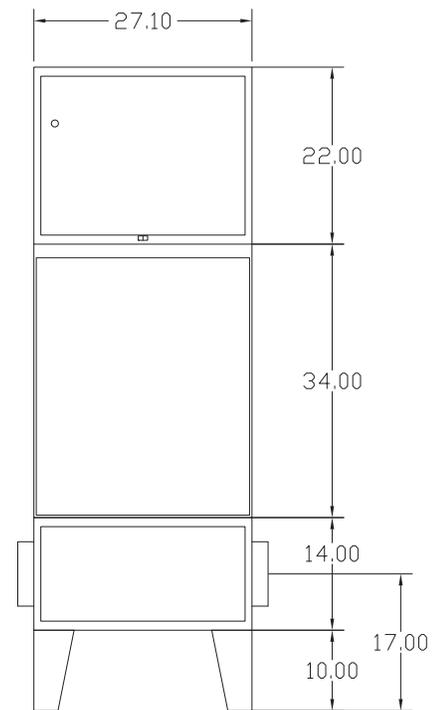
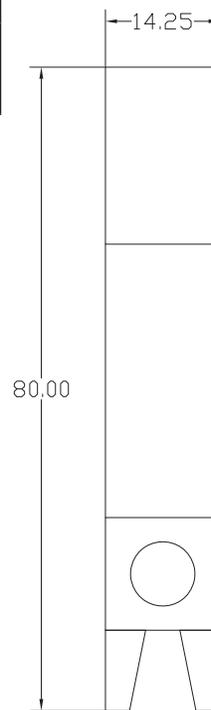
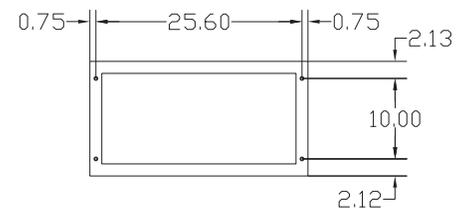
Specifications subject to change without notice.



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M330 - Mist & Smoke Collector

Model	M330
Maximum Recommended Airflow	1250 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	115V/60/1 Phase 230V/60/1 Phase
Motor Options	1HP, 1.5HP, 2HP
Blower Options	Belt driven forward curved
Standard Features	Dirty filter gauge Indicator light for motor 10-foot power cord/molded plug Drain connection Dual 8" collars for ducting
Filter Options Prefilter	Two 12" x 24" x 2" Mist Impingers One 12" x 24" x 4" Pleated Prefilter MERV 8
Filter Options Primary	One 12" x 24" x 26" MERV 14 Bag Filter One 12" x 24" x 26" MERV 13 Bag Filter One 12" x 24" x 12" Polypropelene ESF MERV 14 One 12" x 24" x 12" Polypropelene ESF MERV 13
Accessories	One to two 22 lbs. odor modules Wall mount arm



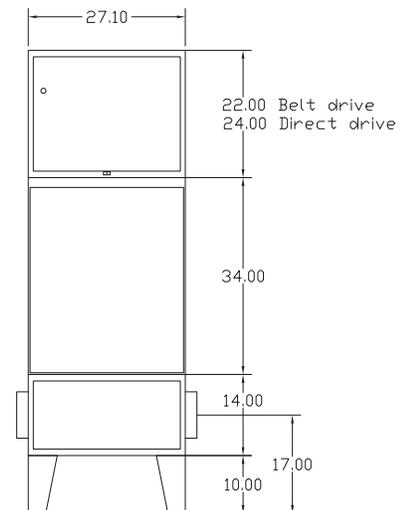
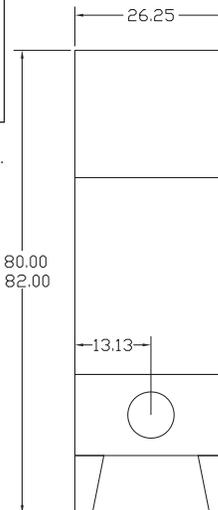
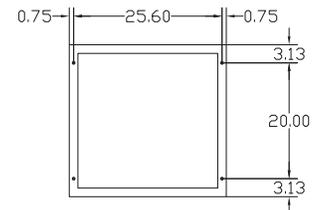
Specifications subject to change without notice.

Weight

Shipping	Installed
340 lbs.	305 lbs.

M660 - Mist & Smoke Collector

Model	M660
Maximum Recommended Airflow	2500 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	110-120V/60/1 Phase 208-240V/60/1 Phase 208-240V/60/3 Phase 440-480V/60/3 Phase
Motor Options	1HP, 1.5HP, 2HP, 3HP, 5HP
Blower Options	Belt driven forward curved Direct drive backward inclined
Standard Features	Dirty filter gauge Indicator light for motor 10-foot power cord/molded plug (single phase only) Drain connection Dual 8" collars for ducting
Filter Options Prefilter	Two 24" x 24" x 2" Mist Impingers One 24" x 24" x 4" Pleated Prefilter MERV 8 One 24" x 24" x 4" Pleated Prefilter MERV 11
Filter Options Primary	One 24" x 24" x 26" MERV 14 Bag Filter One 24" x 24" x 26" MERV 13 Bag Filter One 24" x 24" x 12" Polypropelene ESF MERV 14 One 24" x 24" x 12" Polypropelene ESF MERV 13
Accessories	45 lbs. odor module(s) HEPA filter Additional pre-filtration Wall mount arm Silencer



Weight

Shipping

430 lbs.

Installed

360 lbs.

Specifications subject to change without notice.

Belt drive 80.00
Direct drive 82.00

M2660 – Mist & Smoke Collector

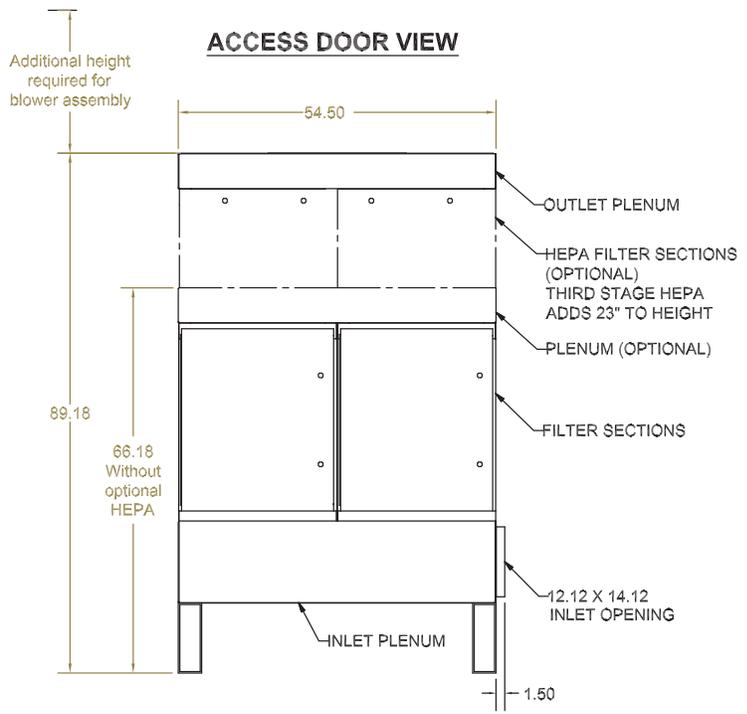
Model	M2660
Maximum Recommended Airflow	5000 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	208-240V/60/3 Phase 440-480V/60/3 Phase International voltages available
Motor Options	3HP; 5HP; 7.5HP; 10HP; 15HP <i>Custom motors selected per application</i>
Blower Options	Direct drive backward inclined <i>Custom blowers selected per application</i>
Standard Features	Dirty filter gauge Drain connection Inlet flange
Filter Options Prefilter	24" x 24" x 2" Mist Impingers 24" x 24" x 4" Pleated Prefilter MERV 8 24" x 24" x 4" Pleated Prefilter MERV 11 <i>Quantity determined based on application</i>
Filter Options Primary	24" x 24" x 26" MERV 14 Bag Filter 24" x 24" x 26" MERV 13 Bag Filter 24" x 24" x 12" Polypropelene ESF MERV 14 24" x 24" x 12" Polypropelene ESF MERV 13 2 Primary Filters Per Unit
Available Configurations	HEPA Module
Accessories	45 lbs. odor module(s) Additional pre-filtration Wall mount arm Silencer

Motor-blower packages sold separately

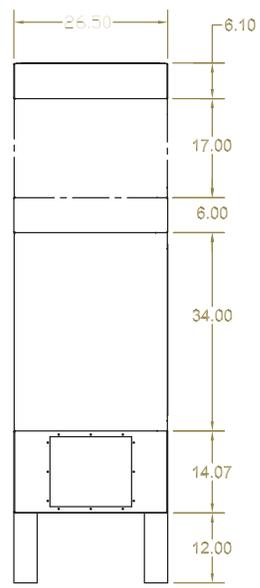
Specifications subject to change without notice.

Weight

Shipping	Installed
2 stage (w/o HEPA) 640 lbs.	2 stage (w/o HEPA) 600 lbs.
3 stage (with HEPA) 875 lbs.	3 stage (with HEPA) 830 lbs.



SIDE VIEW



M3660 – Mist & Smoke Collector

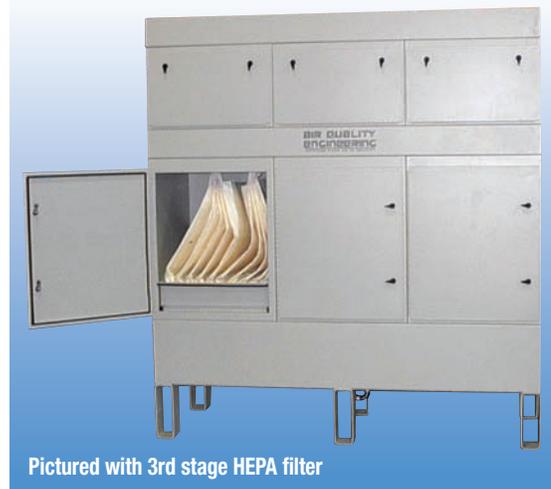
Model	M3660
Maximum Recommended Airflow	7500 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	208-240V/60/3 Phase 440-480V/60/3 Phase International voltages available
Motor Options	3HP; 5HP; 7.5HP; 10HP; 15HP <i>Custom motors selected per application</i>
Blower Options	Direct drive backward inclined <i>Custom blowers selected per application</i>
Standard Features	Dirty filter gauge Drain connection Inlet flange
Filter Options Prefilter	24" x 24" x 2" Mist Impingers 24" x 24" x 4" Pleated Prefilter MERV 8 24" x 24" x 4" Pleated Prefilter MERV 11 <i>Quantity determined based on application</i>
Filter Options Primary	24" x 24" x 26" MERV 14 Bag Filter 24" x 24" x 26" MERV 13 Bag Filter 24" x 24" x 12" Polypropelene ESF MERV 14 24" x 24" x 12" Polypropelene ESF MERV 13 3 Primary Filters Per Unit
Available Configurations	HEPA Module
Accessories	45 lbs. odor module(s) Additional pre-filtration Wall mount arm Silencer

Motor-blower packages sold separately

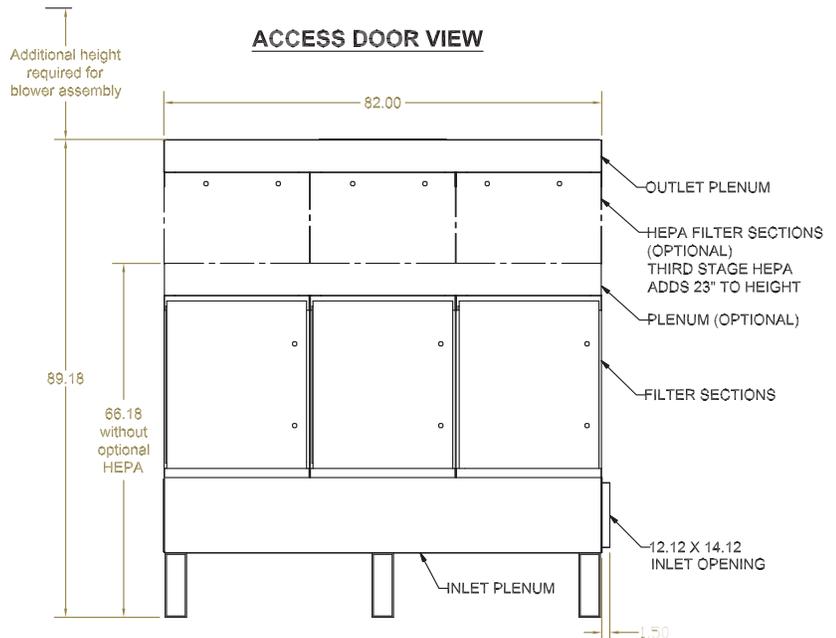
Specifications subject to change without notice.

Weight

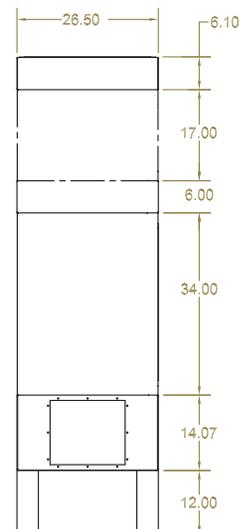
Shipping	Installed
2 stage (w/o HEPA) 950 lbs.	2 stage (w/o HEPA) 890 lbs.
3 stage (with HEPA) 1300 lbs.	3 stage (with HEPA) 1240 lbs.



Pictured with 3rd stage HEPA filter



SIDE VIEW



M4660 – Mist & Smoke Collector

Model	M4660
Maximum Recommended Airflow	10,000 CFM
Cabinet	16 gauge welded steel cabinet; baked enamel, textured coated finish.
Power Input	208-240V/60/3 Phase 440-480V/60/3 Phase International voltages available
Motor Options	3HP; 5HP; 7.5HP; 10HP; 15HP <i>Custom motors selected per application</i>
Blower Options	Direct drive backward inclined <i>Custom blowers selected per application</i>
Standard Features	Dirty filter gauge Drain connection Inlet flange
Filter Options Prefilter	24" x 24" x 2" Mist Impingers 24" x 24" x 4" Pleated Prefilter MERV 8 24" x 24" x 4" Pleated Prefilter MERV 11 <i>Quantity determined based on application</i>
Filter Options Primary	24" x 24" x 26" MERV 14 Bag Filter 24" x 24" x 26" MERV 13 Bag Filter 24" x 24" x 12" Polypropylene ESF MERV 14 24" x 24" x 12" Polypropylene ESF MERV 13 4 Primary Filters Per Unit
Available Configurations	HEPA Module
Accessories	45 lbs. odor module(s) Additional pre-filtration Wall mount arm Silencer

Motor-blower packages sold separately

Specifications subject to change without notice.

Weight

Shipping

2 stage (w/o HEPA)

1268 lbs.

3 stage (with HEPA)

1728 lbs.

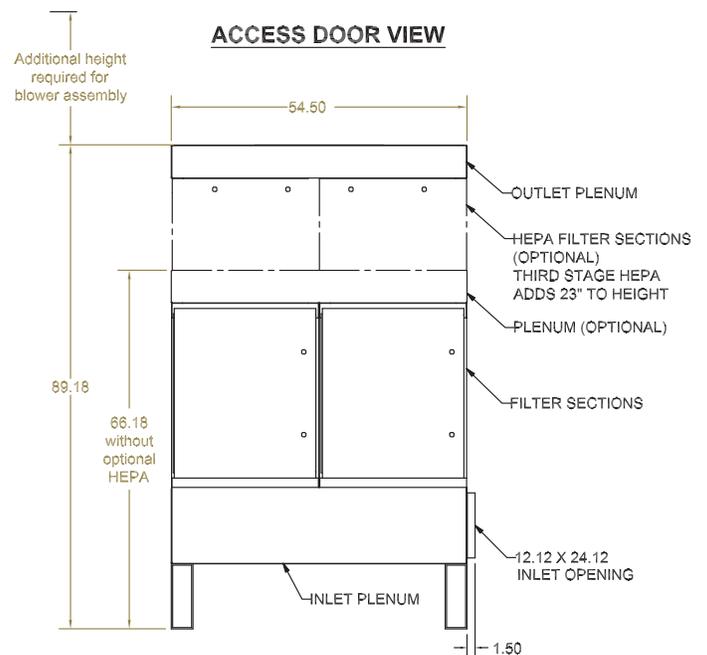
Installed

2 stage (w/o HEPA)

1195 lbs.

3 stage (with HEPA)

1655 lbs.



SIDE VIEW

