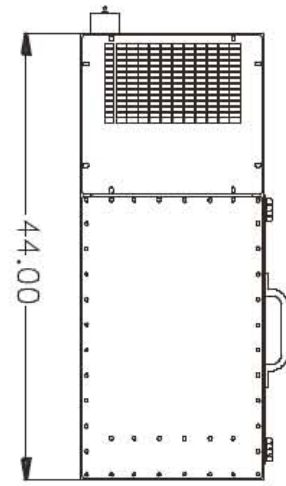


SPECIFICATIONS:



TOP VIEW

CONSTRUCTION: 18 Gauge welded steel cabinet with Powder-Coat finish. Includes filter access door on right side for right hand applications, Ultra-Seal® filter mounting system, acoustically lined B.I. blower cabinet, 2" deep sump with a 10" bottom inlet collar, on-off switch, and a 10' power cord (115V). Three phase units wired to a junction box; circuit and motor overload protection by others.

WEIGHT: 170 lbs.
AIRFLOW: 800 CFM
NOISE: 75 dBA

ELECTRICAL:

- 1 HP 115/1/60, 12 amps, std.
- 1 HP 208-230/460/3/60, 3.7-3.6/1.8 amps, opt
- 3/4 HP 115/208-230/1/60, 9.8/4.9 amps, opt.
- 3/4 HP 208-230/460/3/60, 2.7-2.6/1.3 amps, opt.

MAIN FILTERS: (2) MistPlus® Filters
 (2) MistPlus® II Filters

UNIT EFFICIENCY: 95% Minimum on U.N.C. Oil Mist Test

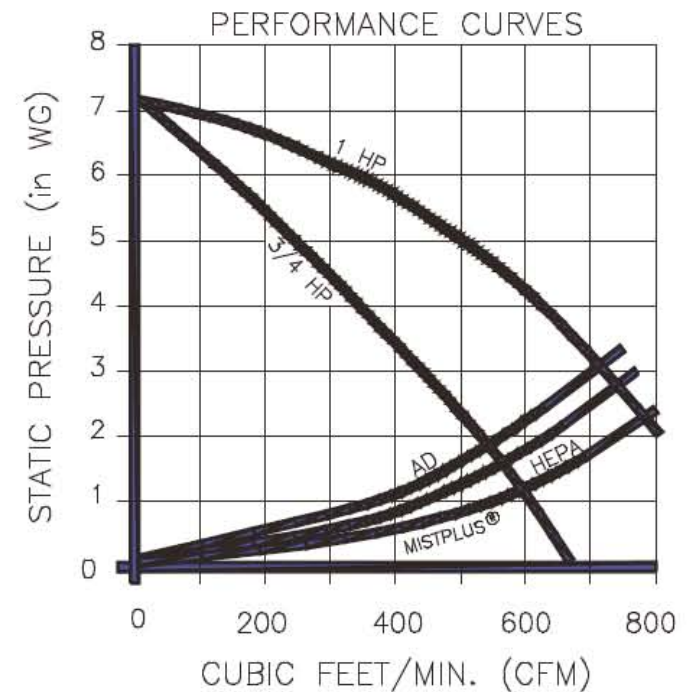
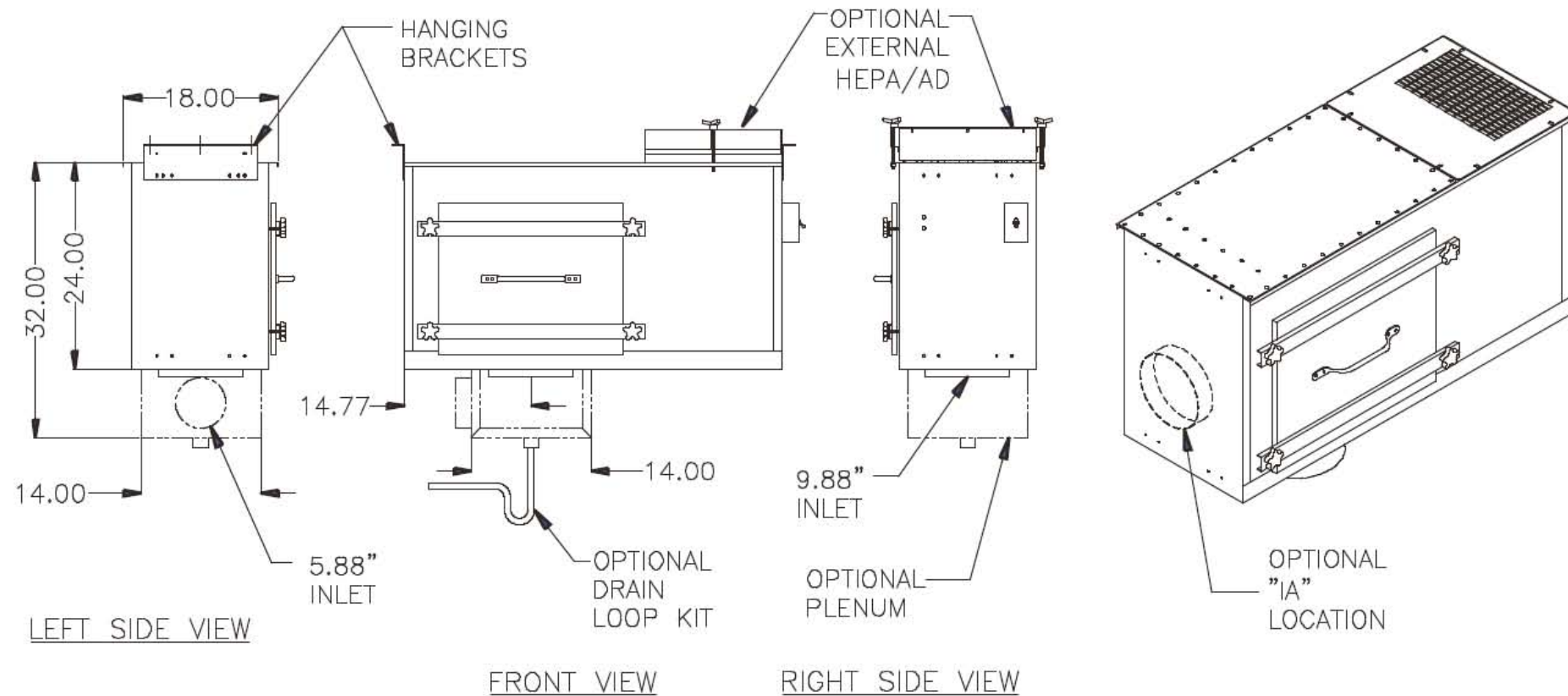
AFTER FILTERS:

- (1) External HEPA filter, 99.97%, Opt.
- (1) External DOP filter, 95%, Opt.
- (1) External adsorber, Opt.
- (1) Activated Charcoal, Opt.
- (1) KMNO4, Opt.

OTHER OPTIONS:

- Pressure gauge kit indicates filter changes
- Source capture plenum (side inlet)
- Drain loop kit
- Additional inlet

FIRE SUPPRESSION: Equipment provided by others.



11-03

NOTES:

Items designated as are included in this proposal.

CUSTOMER:	
CUSTOMER P.O.:	
PROJECT:	
ENGINEER:	
SALES REP.:	
IDENTIFICATION / TAGGING:	

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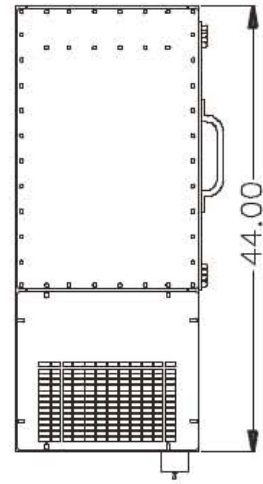


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Drawn by:	Janos B
Date:	6/14/2010
Scale:	NTS
Weight:	N/A

11-03 MPH-8 (RH SIDE)	
Mist Collector	
Specification Drawing	
Drawing No.:	-
Material:	-
File Name:	(11-03) MPH-8 - SD
Sheet:	1/3

SPECIFICATIONS:



TOP VIEW

CONSTRUCTION: 18 Gauge welded steel cabinet with Powder-Coat finish. Includes filter access door on left side for left hand applications, Ultra-Seal® filter mounting system, acoustically lined B.l. blower cabinet, 2" deep sump with a 10" bottom inlet collar, on-off switch, and a 10' power cord (115V). Three phase units wired to a junction box; circuit and motor overload protection by others.

WEIGHT: 170 lbs.

AIRFLOW: 800 CFM

NOISE: 75 dBA

ELECTRICAL:

- 1 HP 115/1/60, 12 amps, std.
- 1 HP 208-230/460/3/60, 3.7-3.6/1.8 amps, opt
- 3/4 HP 115/208-230/1/60, 9.8/4.9 amps, opt.
- 3/4 HP 208-230/460/3/60, 2.7-2.6/1.3 amps, opt.

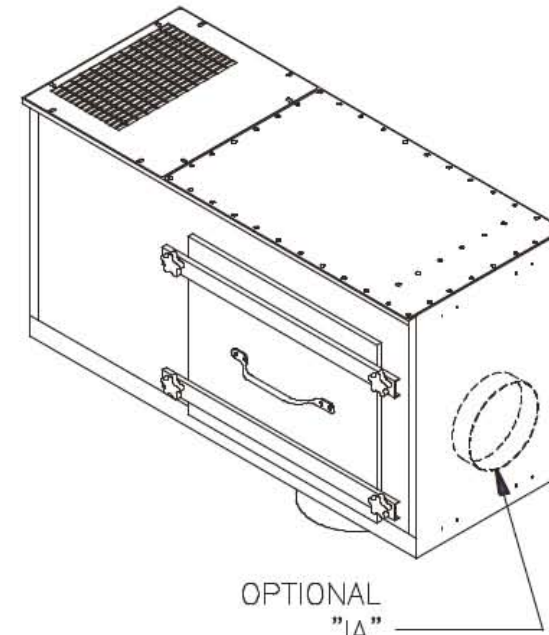
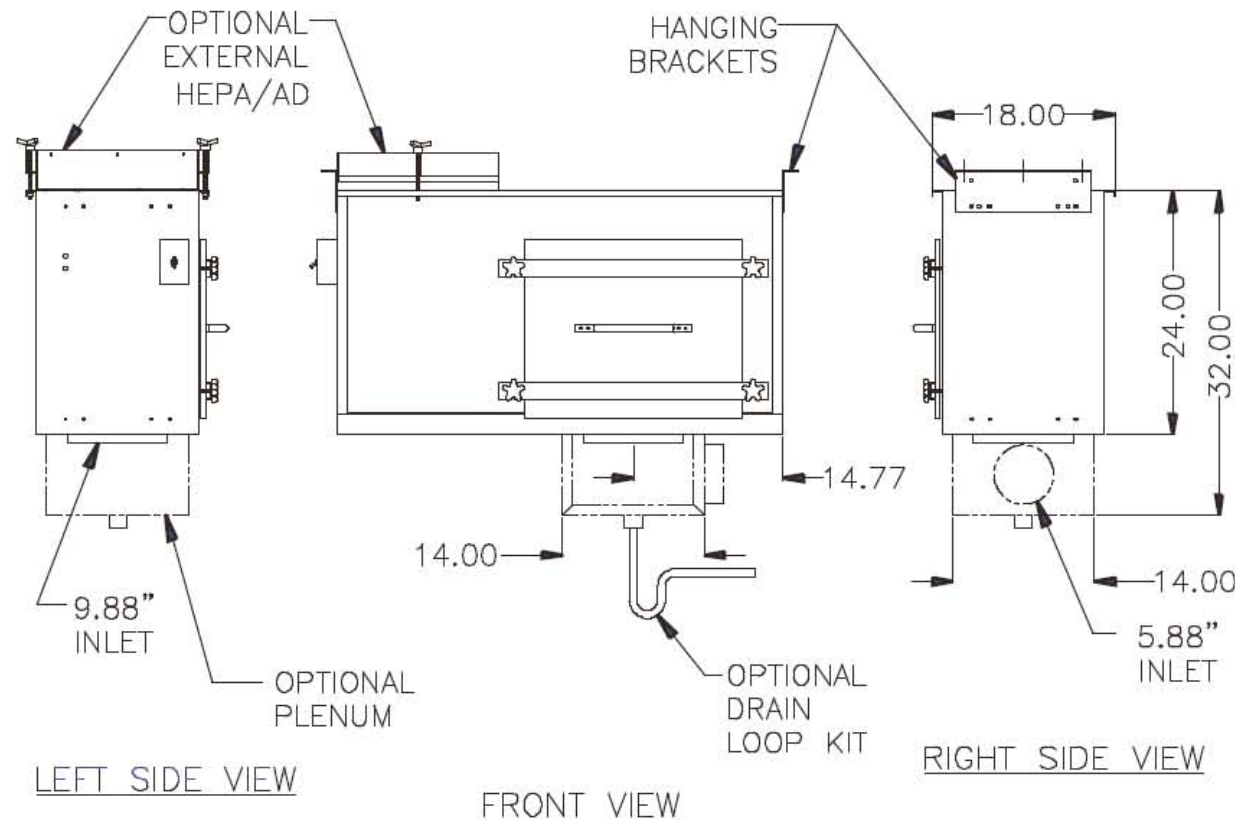
MAIN FILTERS: (2) MistPlus® Filters
 (2) MistPlus® II Filters

UNIT EFFICIENCY: 95% Minimum on U.N.C. Oil Mist Test

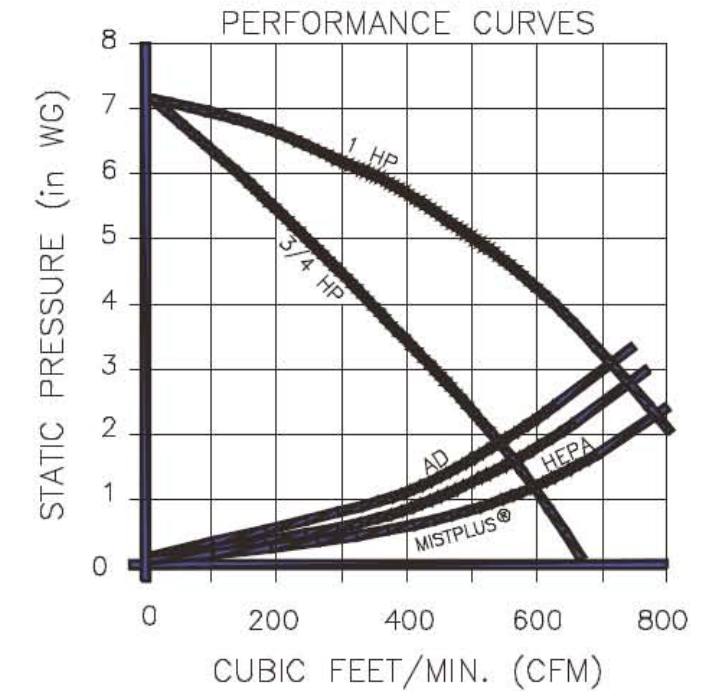
AFTER FILTERS: (1) External HEPA filter, 99.97%, Opt.
 (1) External DOP filter, 95%, Opt.
 (1) External adsorber, Opt.
 (1) Activated Charcoal, Opt.
 (1) KMNO4, Opt.

OTHER OPTIONS: Pressure gauge kit indicates filter changes
 Source capture plenum (side inlet)
 Drain loop kit
 Additional inlet

FIRE SUPPRESSION: Equipment provided by others.



OPTIONAL "IA" LOCATION



NOTES:

Items designated as are included in this proposal.

11-03

CUSTOMER:	
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ENGINEER:	
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Date:	6/14/2010
Scale:	NTS
Weight:	N/A

11-03 MPH-8 (LH SIDE)	
Mist Collector	
Specification Drawing	
Drawing No.:	-
File Name:	(11-03) MPH-8 - SD
Material:	-
Sheet:	2/3

MODELS & OPTIONS

Main System / Part	
<input type="checkbox"/> MPH8-1	Low profile 800 cfm NEW VERSION source capture mist collector with (2) MIST PLUS™ main filters, 1.0 HP TEFC motor, 115/1/60Hz, with high flow, backward incline blower Painted Airflow Gray with 10 BOTTOM INLET COLLAR. PLEASE SPECIFY RIGHT OR LEFT HAND DOOR
<input type="checkbox"/> MPH8-2	Low profile 800 cfm NEW VERSION source capture mist collector with (2) MIST PLUS™ main filters, 1.0 HP TEFC motor, 230/460/3/60Hz, with high flow, backward incline blower Painted Airflow Gray with 10 BOTTOM INLET COLLAR. PLEASE SPECIFY RIGHT OR LEFT HAND
<input type="checkbox"/> MPH8-3	Low profile 800 cfm NEW VERSION source capture mist collector with (2) MIST PLUS™ main filters, 1.0 HP TEFC motor, 575/3/60Hz, with high flow, backward incline blower Painted Airflow Gray with 10 BOTTOM INLET COLLAR. PLEASE SPECIFY RIGHT OR LEFT HAND DOOR

Filter Options (when ordering main unit)	
<input type="checkbox"/> MPH24244DC	24"x24"x4" Hepa Filter, Paper Frame
<input type="checkbox"/> MPH8-EXAD	External adsorber module, 650 cfm, 25 lbs charcoal capacity. Order charcoal separately. (Adds 5" to outlet height and 12 lbs to shipping weight). For PG-6 use 2PG6-HEPA
<input type="checkbox"/> MPH8-EXDOP	External 95% @ 0.3 micron DOP filter, 700 cfm (Adds 5" to outlet height and 10 lbs to shipping weight). For PG-6 use 2PG6-HEPA
<input type="checkbox"/> MPH8-EXHE	External 99.97% @ 0.3 micron HEPA filter, 700 cfm (Adds 5" to outlet height and 10 lbs to shipping weight). For PG-6 use 2PG6-HEPA
<input type="checkbox"/> MPH8-EX-MERV 14	External MERV 14 pleated synthetic, washable filters. (Adds 40 lbs. to ship weight). For PG6- use 2PG6-HEPA.

Hose Clamps - Bridge Type (Necessary to go over the helix of the hose)	
<input type="checkbox"/> MD-530-050-100	2" Ø Bridge Clamp. Clamping range of 50mm-70mm
<input type="checkbox"/> MD-530-075-100	3" Ø Bridge Clamp. Clamping range of 70mm-90mm
<input type="checkbox"/> MD-530-100-100	4" Ø Bridge Clamp. Clamping range of 100mm-120mm
<input type="checkbox"/> MD-530-125-100	5" Ø Bridge Clamp. Clamping range of 120mm-140mm
<input type="checkbox"/> MD-530-150-100	6" Ø Bridge Clamp. Clamping range of 150mm-170mm
<input type="checkbox"/> MD-530-200-100	8" Ø Bridge Clamp. Clamping range of 200mm-220mm
<input type="checkbox"/> MD-530-250-100	10" Ø Bridge Clamp. Clamping range of 250mm-270mm

Hose Rings	
<input type="checkbox"/> HR-10-OM	10" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> HR-2-OM	2" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> HR-3-OM	3" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> HR-4-OM	4" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> HR-5-OM	5" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> HR-6-OM	6" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> HR-8-OM	8" dia. Hose Ring to connect oil mist hose to CNC machine

Hose for Oil Mist	
<input type="checkbox"/> MD-311-050-401	2.0" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)
<input type="checkbox"/> MD-311-075-401	3" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)
<input type="checkbox"/> MD-311-100-401	4" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)
<input type="checkbox"/> MD-311-125-401	5" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)
<input type="checkbox"/> MD-311-150-401	6" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)
<input type="checkbox"/> MD-311-200-401	8" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Min 25' Length
<input type="checkbox"/> MD-311-250-401	10" Ø Master Pur-SL Hose. Super lightweight polyester/polyurethane w/wire reinforcement. Very flexible and clear. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)

Installation Accessories	
<input type="checkbox"/> MP-1.5DL	1.5 dia. Drain Loop kit c/w PVC pipe, fittings, ball valve and glue
<input type="checkbox"/> MPH8-DL	Drain loop kit for MPH8
<input type="checkbox"/> MPH8-IA	Cover the bottom inlet, and install a 8" collar to FRONT ONLY of unit and install a drain loop, 1" x 3/4" reduce fitting with 3/4" copper p-trap pipe fittings and instructions.
<input type="checkbox"/> MP-SEAL	Astroseal Sealant
<input type="checkbox"/> TUBING-3/4-CLEAR	3/4" I.D. Clear Plastic Tubing. Priced per foot.

Replacement filters - (Quantity discounts available upon request)	
<input type="checkbox"/> 2AF73007	Adsorber module, refillable (15.5" x 15.5" x 3.25"); holds 12 lbs of charcoal for MPH8
<input type="checkbox"/> 2AF8-4000	MIST-PLUS filter assembly set. Consists of (2) MIST-PLUS filters on mounting plate (1 assembly required / MPH-8 unit)
<input type="checkbox"/> 2AF84002	Mist-Plus II, filter assembly set. Consists of (2) Mist-Plus II filters on mounting plate. (1 assembly required / MPH-8 unit)
<input type="checkbox"/> 3FM8-4701	Filter Media Pack ReFill kit (Mist-Plus) for MPH-8 units (2 kits required per MPH-8 unit). Price is per KIT.
<input type="checkbox"/> 3FM8-4702	Media Pack ReFill kit (Mist-Plus II) for MPH-8 units (2 kits required / MPH-8 unit). Each kit consists of 2 filter packs.
<input type="checkbox"/> 7FJ95007	95% @ 0.3 microns DOP filter for MP4 & MPH-8.
<input type="checkbox"/> 7FJ99007	HEPA 99.97% @ 0.3 micron replacement filter for MP4 & MPH-8.
<input type="checkbox"/> 7FP14506	Pleated filter MERV 14, Synthetic, Washable for MPH8

- Replacement Parts	
<input type="checkbox"/> Charcoal-CP40	40 lb of CP Blend of chemisorbant and activated carbon blend.
	Purafil CP Blend® Media shall consist of an equal mix (by volume) of Purafil® Chemisorbant Media and Purakol® activated carbon media. The Purafil® Chemisorbant Media shall be manufactured, generally spherical, porous pellets formed from a combination of p
	Target Contaminants: Hydrocarbons VOC's Oxides of sulfur Formaldehyde Nitric Oxide Hydrogen Sulfide Lower molecular weight aldehydes and organic acids

Preventative Maintenance Pressure Gauges, etc. (when ordering main unit)	
<input type="checkbox"/> MPH8-PG-6	0-6" Magnahelic dial pressure gauge with AFS logo with mounting bracket, painted "Airflow Gray". Specify Location or it will ship loose.

11-03

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Date:	6/14/2010
Scale:	NTS
Weight:	N/A

11-03 MPH-8 Mist Collector	
Specification Drawing	
Drawing No.:	-
File Name:	(11-03) MPH-8 - SD
Material:	-
Sheet:	3/3