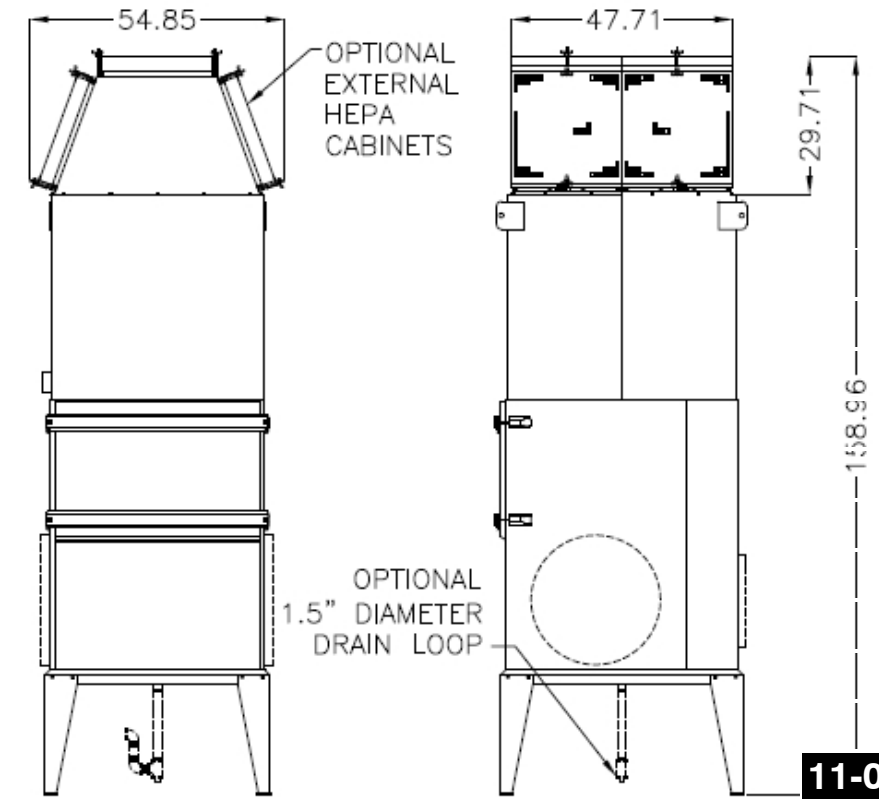
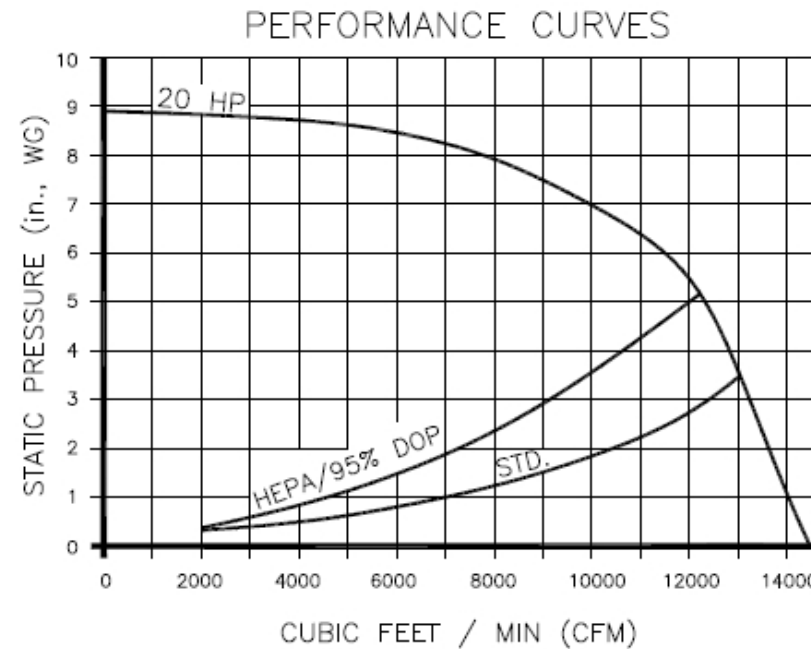
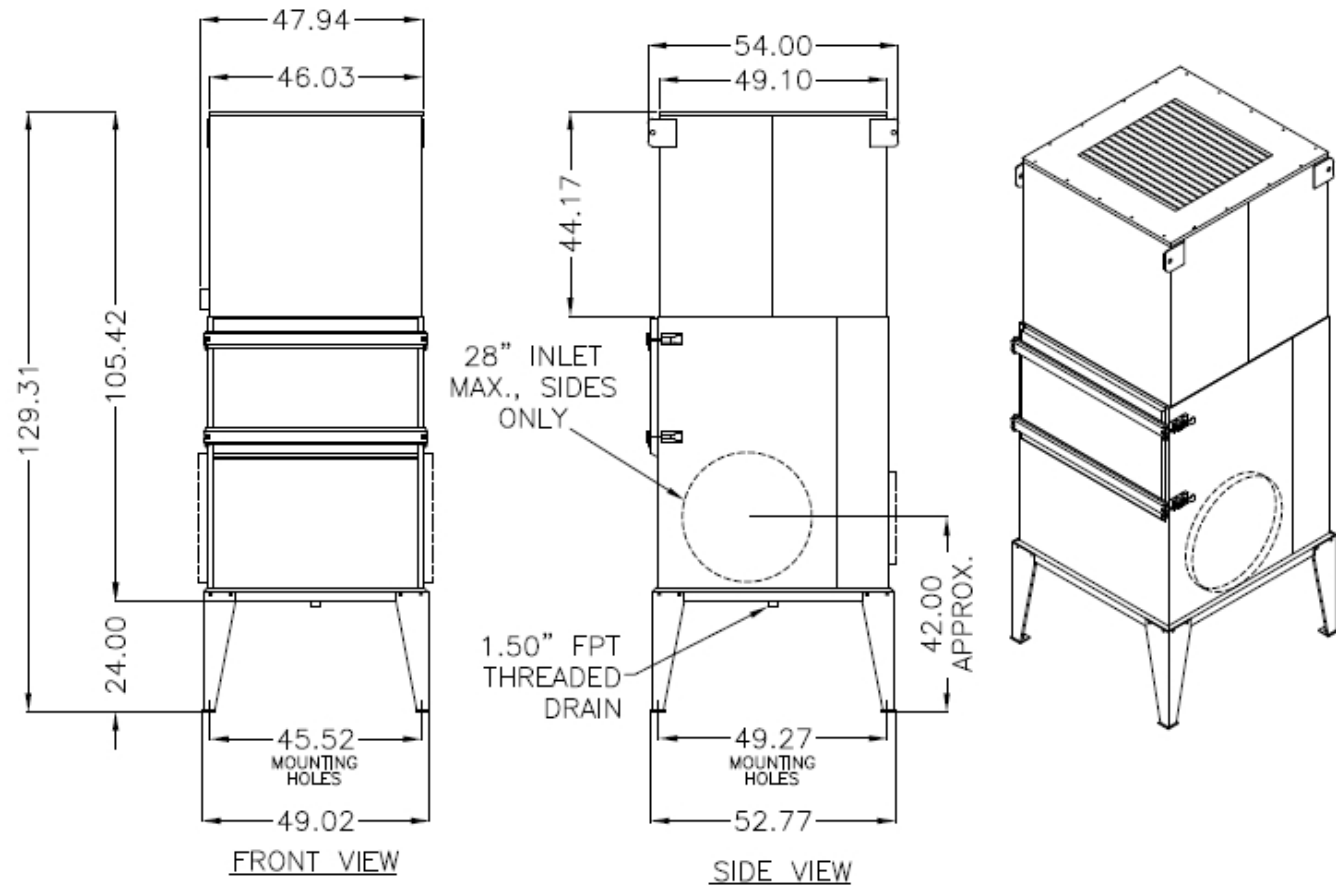
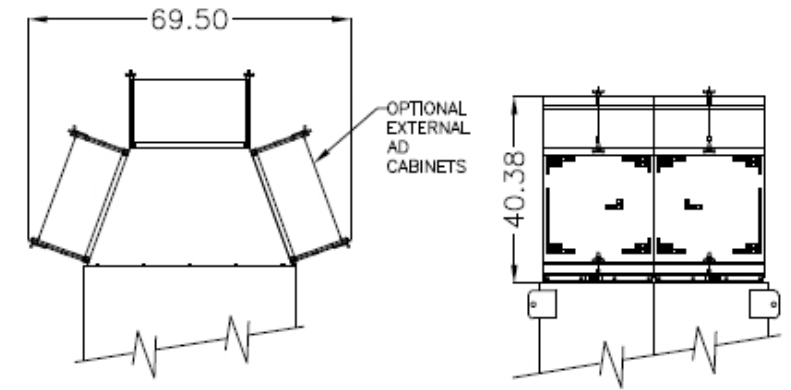


**CONSTRUCTION:** 14 Gauge welded cabinet with zinc coated steel and Powder-Coat Finish. Includes a hinged filter access door, 28" max. inlet collar mounted on sides (20" max. on back), sloped bottom sump with a 1.5" FPT threaded drain, Ultra-Seal filter mounting system, and a direct drive, backward inclined motor/blower assembly. Circuit and motor over-load protection by others. Acoustical lining standard in blower compartment. 24" stand included.

**WEIGHT:** 1550 lbs.  
**AIRFLOW:** 12,000 CFM (B.I. blower @ 1725 rpm)  
**ELECTRICAL:** 20 HP 460/575/3/60, 26/22 amps, std.  
**NOISE:** 79 dBA, 5' from door  
**FILTER SEAL:** Ultra-Seal, positive sealing filter locking mechanism for all main filters.

**SPECIFICATIONS:**

- PREFILTERS:**  
 (2) 2" aluminum mesh, std.  
 (2) 2" polyester prefilter, opt.
- MAIN FILTERS:**  
 (16) MistPlus filters, std.
- UNIT EFFICIENCY:** 95% Minimum on U.N.C. Oil Mist Test.
- AFTER FILTERS:**  
 (6) 4", 95% D.O.P. filter, opt.  
 (6) 4", 99.97% HEPA filter, (Rated 2000 CFM, ea.) opt.  
 (12) 12" AD Modules
- OTHER OPTIONS:**  
 Pressure gauge kit indicates filter changes  
 Drain loop, 1.5" NPT
- FIRE SUPPRESSION:** Equipment provided by others.



11-08

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

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Drawn by:	Janos B
Date:	5/1/2008
Scale:	NTS
Weight:	N/A

**11-08 MP120**  
**Mist Collector**  
 Specification Drawing

Drawing No.: - File Name: (11-08) MP120 - SD  
 Material: Product manufactured by: Sheet: 1/2



**MODELS & OPTIONS**

Part #	Description
<b>Main System / Part</b>	
<input type="checkbox"/> ___ MP120-1	12,000 CFM source capture industrial air cleaner with a 20 Hp TEFC motor 230-460/3/60 Hz
<input type="checkbox"/> ___ MP120-2	12,000 CFM source capture industrial air cleaner with a 20 Hp TEFC motor 575/3/60 Hz
<b>Filter Options (when ordering main unit)</b>	
<input type="checkbox"/> ___ MP120-2P	2" Polyester Pad Option for Standard MP120 Unit
<input type="checkbox"/> ___ MP120-EX-MERV14	Internal MERV14 pleated, synthetic filter option. Six (6) 95% DOP filters in a top mounted cabinet, 12,000 cfm. (Adds 30" to height)
<input type="checkbox"/> ___ MP120-EXHE	External 99.97% HEPA option. Six (6) 24" x 24" x 12" 99.97% HEPA filters in a top mounted cabinet, 12,000 cfm. (Adds 30" to height)
<input type="checkbox"/> ___ MP120-EXAD	External AD option. Twelve (12) external adsorber modules, 25 lbs. capacity each, 300 lbs. total capacity, 1100 CFM in a cop mounted cabinet (Adds 38" to height).
<b>Bridge Clamps</b>	
<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
<input type="checkbox"/> ___ MD-530-300-100	12" Ø Bridge Clamp. Clamping range of 300mm-320mm
<input type="checkbox"/> ___ MD-530-350-100	14" Ø Bridge Clamp. Clamping range of 350mm-370mm
<input type="checkbox"/> ___ MD-530-400-100	16" Ø Bridge Clamp. Clamping range of 400mm-420mm
<b>Hose Rings</b>	
<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
<input type="checkbox"/> ___ HR-10-OM	10" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> ___ HR-12-OM	12" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> ___ HR-14-OM	14" dia. Hose Ring to connect oil mist hose to CNC machine
<input type="checkbox"/> ___ HR-16-OM	16" dia. Hose Ring to connect oil mist hose to CNC machine

Part #	Description
<b>Hose for Oil Mist</b>	
<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. Minimum 5 times wear life improvement over PVC and TPR. Price per ft. (10' Length Minimum)
<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)
<input type="checkbox"/> ___ MD-311-300-401	12" Ø Master Pur-SL-FG 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-311-350-401	14" 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-311-400-401	16" 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)
<b>Installation Accessories</b>	
<input type="checkbox"/> ___ MP120-DL-1.5	Drain Loop Kit. Includes 1.5" galvanized pipe drain trap with cleanout.
<input type="checkbox"/> ___ MP-1.5DL	1.5" dia. Drain Loop kit c/w PVC pipe, fittings, ball valve and glue
<input type="checkbox"/> ___ MP-SEAL	Astroseal Sealant
<b>Installation Option &amp; Accessories</b>	
<input type="checkbox"/> ___ MP120-IA	Additional Inlet Collars Option for Standard MP120 Unit

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<b>11-08 MP120</b>	
<b>Mist Collector</b>	
<b>Specification Drawing</b>	
Drawing No.:	File Name: (11-08) MP120 - SD
Material:	Product manufactured by:  Sheet: 2/2