

VAC-U-MAX

Distributed By:

MSC Filtration Technologies 198 Freshwater Blvd Enfield, CT 06082

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MDL55MW SUMP CLEANER



* The VAC-U-MAX Model 55MW is a heavy-duty cleaning system for 100% liquids or liquids with solid particles such as metal chips or shavings. Operators can quickly empty machine tool sumps, machining beds, oil / water separators, parts washers, rinse tanks, and clean up liquid spills.

* Solid particles are separated from collected liquid with the VAC-U-MAX Chip Basket and liner. An operator can pick up liquids at rates of 1-2 gallons *per second* (60-120 GPM = 225-450 lpm). The operator can return the coolant to the machine tool sump, or transport the vacuum to a central filtration system.

* Convert from "Pump-In" (vacuum) mode to "Pump-Out" (pressure) mode with the turn of a lever and pump out the liquid contents of the drum through the discharge hose. The operator has full control of the liquid discharge rate with the lightweight dispensing nozzle on the discharge hose.

Why Buy One?

- * Reduce coolant usage and increase machine up-time.
- * Extend coolant life, extend machine tool filtration systems by removing chips and swarf... reduce operator exposure to bacteria and dermatitis...and spill cleanup means a safe shop.
- * Heavy-Duty Construction: Rugged, fully-welded cart with large-diameter wheels for rough machine shop floors, powder coat finish with excellent chemical resistance
- * Easy to Move: Four (4) 6" swivel casters allow the 55MW to be pushed forward, sideways or diagonally to get close to machine tools and sumps to keep vacuum hoses as short as possible.
- * Plug-and-Play: Roll up to a machine tool, connect your compressed air line and you're ready to vacuum at 60-120 GPM (225-450 lpm)! Turn one lever and you're ready to pump out the liquids.
- * Versatile: 100% solids or 100% liquids, or any combination!
- * Economical: Compressed air-powered vacuums work forever without any moving parts. Available as a pump-out cart for customers who already own a 55-gallon (208 l) air-powered drum-top vacuum. If the drum needs to be replaced, YOU can do it!
- * Clean Operation: smooth-bore hoses prevent accumulation of liquids and chips...dispensing nozzle on the pump-out hose puts you in control of where and when the fluid comes out!
- * Industrial Design: Not available in Home Improvement Stores! Powered by cool-running convenient compressed air, no motors to burn out. All-steel construction! Finally...a metalworking vac that is suitable for the VAC-U-MAX name!

Technical Data:

Maximum suction power
Maximum air flow
Suction connection
Air operated, requires
Compressed Air connection
Noise level
Standard finish

55MW-02CS/CS		55DMW-02CS/CS	
16" Hg (208" H ₂ O)	5285 mm H ₂ O	16" Hg (208" H ₂ O)	5285 mm H ₂ O
100 SCFM	60 m ³ /Hr	200 SCFM	120 m ³ /Hr
1.5"	40 mm	2.0"	50 mm
35 SCFM @ 60 PSI	21 m ³ /Hr @ 4 BAR	70 SCFM @ 60 PSI	42 m ³ /Hr @ 4 BAR
1/2" NPT (female)	15 mm NPT (female)**	3/4" NPT (female)	20 mm NPT (female)**
79DBA @ 6" Hg	79DBA @ 1980 mm H ₂ O	79DBA @ 6" Hg	79DBA @ 1980 mm H ₂ O
Blue Power Coat		Blue Power Coat	

** = When requested, an MNPT x FBSP adapter can be provided.

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USES STANDARD
55 GALLON (208 l) DRUM

15' (4.5 m) of ABRASIVE RESISTANT
SMOOTH BORE VACUUM HOSE

CHIP BASKET WITH LINER

SINGLE AND TWIN VENTURI POWER UNIT
AVAILABLE (SINGLE VENTURI SHOWN)

DISPENSING HOSE AND NOZZLE



DESIGNED EXCLUSIVELY FOR THE
METALWORKING INDUSTRY



(4) 6" DIAMETER SWIVEL CASTERS

RUGGED CART WITH DOUBLE DIAPHRAGM PUMP
AND SAFETY STRAINER