



EVACMASTER: Troubleshooting

Instruction sheet

SYMPTOM: EvacMaster not suctioning waste oil

Possible Causes	Troubleshooting Procedures
Air to shop	Check air pressure at Overfill Valve on top of 800 Gallon Waste Oil Tank - should be in "on" position and set at 150 psi
Priming Pump (new machine or pump replacement)	See pump startup procedures for priming of EvacMaster pump (EvacMaster Start-up Instructions)
Pump running slow or not suctioning	Clean Banjo Filter at bottom of EvacMaster unit - Follow Banjo Filter Cleaning Instruction Guide
	Check wand(s) in use to make certain they are not clogged with debris, bent and/or crimped Use 3/4" ID hose to evacuate Rolling Drain Pans (do not evacuate Rolling Drain Pans using wands, as this clogs wands)
Check for air leaks	Check all air valves - all valves should be in the "on" position from compressor out to shop and behind the Evac machine
	Check/test suction hose back to the Control Nozzle (tighten where necessary to stop any air leaks)
	Check/test all push-lock air hose connections inside Evac cabinet (make sure they are tight and seated to stop any air leaks)
	Check Pump air pressure guage inside cabinet cover - should be set between 65-70 psi (5 bar)
	Check all clear air hoses inside cover - make sure no hoses are crimped, disconnected, or pinched (all of these cause air leaks)
	Check for air leaks around push/pull knob (no air should be escaping around push/pull knob)
Check all wands	Force air through wand being used to insure it is not clogged (air should enter one end and escape feely out the other end)
	If wand is clogged clear of debris (with air pressure) and retry
	If wand will not clear of debris (air does not go in one end and come out the other) - discard
	Check wand for crimps - if there are crimps in the wand, discard wand (a crimp anywhere in the wand will shut off oil flow)
Check Banjo Filter	Check filter canister to insure it is tight (hand-tight only-no wrenches - collar must be screwed on all the way - hand tight only)
	Check filter canister o'ring to make sure it is present and seated (Evac will not develop suction without o'ring in place)
	Check filter o'ring to ensure it is not pinched or crushed thus allowing an air leak
	Check filter to ensure it is filled with oil (should be filled with oil after priming)

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Check control nozzle	Check Control Nozzle (Silver metal nozzle on end of Suction Hose) to ensure black on/off lever is in the "on" position
	Check Suction Hose for air leaks - disconnect Suction Hose, put thumb over pump inlet and watch needle to insure needle rises to green zone
Excessive water problems	How To Solve Excessive Water Problems (in order of sequence):
	1) Check and service/adjust the automatic Tank Drain on the shop Air Compressor.
	2) Check and service the shop Air Dryer (if one is installed) to make sure it is in full operating condition.
	3) Check for properly configured air piping which should be sloped back towards air compressor at installation.
	4) Check and service the Filter/Regulator inside the EvacuMaster (depressurize and restart EvacMaster)
Note: to depressurize EvacMaster - disconnect air line hose and run Evac until pump stops. If all of these are functioning, there will be very little water in the Evac pump. This will also keep water from entering and collecting in your air tools and all other air driven equipment in the Auto Care Center.	

important notes

Consult Installation & Operation Guide provided with machine for further information.