

Clean Your Coolant Sumps in Less Than Two Minutes

The Royal PneuVac pump is a simple device that uses a compressed air-powered venturi to create a vacuum. All you have to do to operate the unit is: attach the pump and hose to a standard 55-gallon drum, hook up your compressed air supply to the pump, insert the free end of the suction hose into the sump or storage tank, and open the air valve. The coolant and sludge is drawn through the hose and deposited into the drum — quick, clean, and hassle free!

Designed to remove liquids, (and sludge and chips suspended in liquids) from:

- Lathes
- EDM Machines
- Screw Machines
- Spills
- Grinders
- Coolant Sumps
- Machining Centers
- Open Pits



The Royal PneuVac pump filled this 55-gallon drum with coolant in less than two minutes.

Heavy Duty Construction — Entire pump (except ball valve, float and O-ring) is made from either stainless steel or aluminum. Other brands are made from rust-prone carbon steels and light-duty plastics.

Very Safe — The PneuVac pump is powered by compressed air. This eliminates the possibility of electric shocks often associated with motor-driven pumps. An automatic shut-off valve activates when the drum is full.

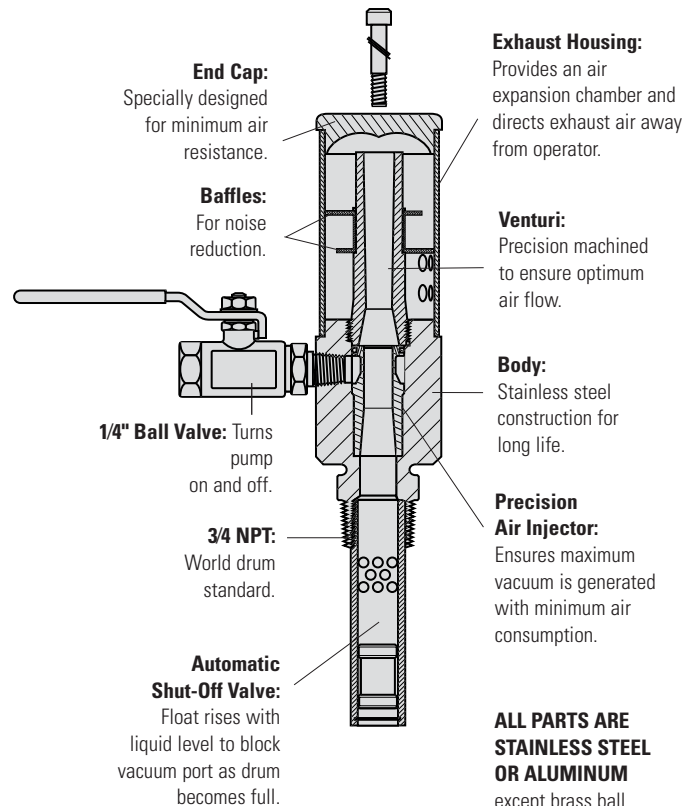
Fast — The Royal PneuVac pump can fill a 55-gallon drum in just **90 seconds**. Conventional electric pumps can take up to one hour to move the same amount of liquid.

Thorough — This pump not only removes liquid but will also pick up sludge, metal chips and other debris which often clog or wear out impeller-type pumps.

Quiet — Unique baffle system limits noise level without compromising performance.

Low Maintenance — The PneuVac pump requires very little maintenance because only compressed air flows through the pump body itself.

Great Warranty — Royal Products provides a **3-year warranty** against failure of this product due to manufacturing defects.



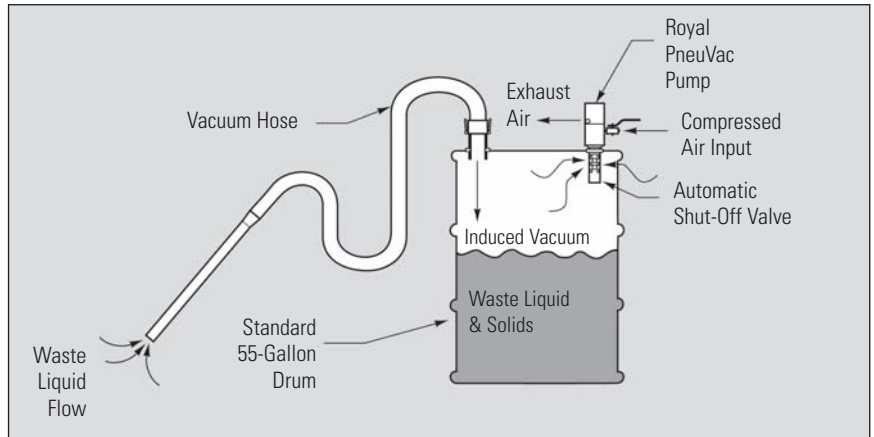
ALL PARTS ARE STAINLESS STEEL OR ALUMINUM except brass ball valve, Delrin float and Buna-N O-ring.

Recycling Tip:

When recycling coolant, often it is more economical to separate the liquid and solid waste before processing. This is easily done when the PneuVac Pump is used on a drum with a removable lid.

Just follow these easy steps:

- Attach pump to removable-lid drum and empty coolant sump of all liquid and solid waste.
- When drum is full, remove lid and connect pump to a second drum.
- Now use pump to remove only the liquid from the original drum.
- The result will be two drums — one containing liquid and one containing solid waste. These can then be easily recycled.



Performance Specification Chart

		60	70	80	90	100
Pressure	(PSI)	60	70	80	90	100
Air Consumption	(CFM)	5.4	5.8	6.0	6.3	6.5
Vacuum	(In Hg)	7.0	7.8	8.5	9.5	10.1
Noise Level	(DB) ¹	90	91	92	92	93
Flow Rate (Water)	(Gals/Min.) ²	35	39	42	44	46
Flow Rate (Oil)	(Gals/Min.) ²	30	34	37	40	42

¹Noise levels measured one meter from pump under full vacuum.

²Flow rate measured without accessories.

Royal PneuVac Pump Kit

Consists of pump, 1/4" ball valve, automatic shut-off valve, 10 ft. of smooth-bore hose, quick-disconnect drum fittings, and one 18" aluminum wand.

DESCRIPTION	CAT. NO.	PRICE
Stainless Steel Pump Kit	48010	\$498
Aluminum Pump Kit	48017	422
10ft. Smooth Bore Replacement Hose (1 1/2" Dia.)	48019	45

CAUTION:

1. Do not use the PneuVac pump with flammable or volatile liquids such as gasoline, alcohol, kerosene, aviation fuel, mineral spirits or any similar liquid with a low flash point.
2. Do not modify this product to pressurize drum to pump liquids out. Pressurizing drum could cause an explosion that might result in a serious injury.

