

International High-performance vacuum pumps

Designed and engineered in
the USA for peak efficiency



Robinair and VacuMaster™ vacuum pump features:

- › Angled oil drain valve at the bottom of the reservoir for faster, more complete draining
- › Top oil fill port for better access and front sight glass to easily see oil levels
- › Lightweight, durable die-cast aluminum housing
- › Wide power, capacity and CFM ratings for fast, thorough evacuation
- › Performance-tested to meet Robinair's quality, durability and longevity standards
- › Intake screen prevents foreign matter from entering pumping chamber. External exhaust filter separates oil vapor from exhaust flow
- › Backed by an exclusive "No Hassle" over-the-counter replacement warranty. Robinair pumps can be returned to a distributor for an immediate exchange. U.S. and Canada only. In other locations, see your Robinair distributor

Robinair pump features:

- › Iso-Valve™ isolates the pump from the system with just a quarter-turn
- › Gas ballast allowing moist air passing through the pump to mix with dry air, reducing condensation
- › Heavy-duty motor with a high-torque design for easy startup and efficient operation
- › Two-stage design to clean systems more thoroughly and pull a deeper vacuum
- › Offset rotary vanes build more compression, reducing system pressure and removing more moisture
- › Molded polycarbonate base reduces vibration and provides balance during operation

Robinair VacuMaster™ pump features:

- › Rotary vane design for powerful, quiet high vacuum capability for maximum moisture removal and reduced evacuation time
- › Heavy-duty motor with a high-torque design for easy startup and efficient operation (2-stage pumps only)

Robinair International Vacuum Pumps



	Robinair pumps			VacuMaster pumps by Robinair	
	15401	15601	15121A	15301	15501
Free air displacement	94 liters/minute (3.3 CFM)	142 liters/minute (5 CFM)	283 liters/minute (10 CFM)	71 liters/minutes (2.5 CFM)	118 liters/minute (4.1 CFM)
Factory micron rating	15 microns	15 microns	15 microns	35 microns	35 microns
Stages	2	2	2	2	2
Intake fitting	1/4" MFL & 1/2" MFL	1/4" MFL, 3/8" MFL, & 1/2" MFL	1/4" MFL, 3/8" MFL, & 1/2" MFL	1/4" MFL and 1/2" MFL 3/8" FFL x 1/2" Acme adapter	1/4" MFL and 1/2" MFL 3/8" FFL x 1/2" Acme adapter
Oil capacity	400 ml (13.5 oz)	400 ml (13.5 oz)	488 ml (16.5 oz)	220 ml (7.5 oz)	220 ml (7.5 oz)
Motor size	1/3 hp	1/3 hp	1/2 hp	1/3 hp	1/3 hp
Voltage	115V/220 - 250V 50/60 Hz	115V/220 - 250V 50/60 Hz	115V/220V 50/60 Hz	220V 50Hz	220V 50/60Hz
Approvals	CE	CE	CE	CE	CE
Weight	13 kg (29 lbs)	13 kg (29 lbs)	18.6 kg (41 lbs)	12.5 kg (28 lbs.)	12.5 kg (28 lbs.)
Dimensions	246 mm H x 143 mm W x 400 mm L (9.688" x 5.625" x 15.75")	246 mm H x 143 mm W x 419 mm L (9.688" x 5.625" x 16.5")	273 mm H x 143 mm W x 445 mm L (10.75" x 5.625" x 17.5")	255 mm x 123 mm x 336 mm (10" H x 5" W x 13" L)	255 mm x 123 mm x 336 mm (10" H x 5" W x 13" L)
Uses	Up to 30 tons (105 kW) Residential A/C, panel trucks & RVs	Up to 50 tons (176 kW) Rooftop A/C systems, tractor/trailers, buses	Up to 70 tons (246 kW)	Up to 30 tons (105 kW) Residential A/C, panel trucks & RVs	Up to 50 tons (176 kW) Rooftop A/C systems, tractor/trailers, buses
Cord length	1.82 m (6')	1.82 m (6')	1.82 m (6')	1.82 m (6')	1.82 m (6')