



Mastercool Inc.
"World Class Quality"

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VACUUM PUMPS

A good quality vacuum pump is an integral tool for complete A/C service. Mastercool vacuum pumps are durable and time tested. They stand up to the most grueling conditions and will provide years of reliable service. Mastercool offers a complete selection of pumps. Regardless of your service requirements, Mastercool has a model for your application.

Manifold valve isolates pump from the system when testing for leaks. Includes three inlet ports – 1/4", 3/8" SAE and 1/2" ACME on 5 and 7.5 CFM models

Gas ballast valve helps prevent oil contamination caused by high moisture

Center oil fill port is accessible from front as well as sides

Durable lightweight die cast aluminum housing

Two-stage design allows lower pumping pressure resulting in deeper ultimate vacuum

Oil drain valve positioned at bottom of oil reservoir assures maximum drainage

Internal check valve stops oil blowout in case of accidental power loss

Includes two inlet ports – 1/4" SAE and 1/2" ACME on 1.5 CFM models

Made in USA

Ball Bearing Cartridge Design reduces running temperatures by 30% and extends the life of the pump.

MODEL	NO. OF STAGES	FREE AIR DISPLACEMENT	ULTIMATE VACUUM	MOTOR	PUMP SPEED	ELECTRICAL SPECS	SHIPPING WEIGHT
90060	2	1.5 CFM	25 MICRONS	1/6 HP	3450 RPM	110 V/60 HZ	12 lbs
90065	2	5 CFM	25 MICRONS	1/3 HP	1725 RPM	110 V/60 HZ	32 lbs
90067	2	7.5 CFM	25 MICRONS	1/2 HP	1725 RPM	110 V/60 HZ	34 lbs
90060-220	2	35 lit/min - 42 lit/min	25 MICRONS	1/6 HP	2850 RPM - 3450 RPM	220 V/50 HZ - 220 V/60 HZ	5.40 kg
90065-220	2	119 lit/min - 142 lit/min	25 MICRONS	1/3 HP	1425 RPM - 1725 RPM	220 V/50 HZ - 220 V/60 HZ	15.0 kg
90067-220	2	178 lit/min - 213 lit/min	25 MICRONS	1/2 HP	1425 RPM - 1725 RPM	220 V/50 HZ - 220 V/60 HZ	15.40 kg

ECONOMY SERIES

- High volume fan provides cool air to motor and pump
- Vapor discharge/oil fill port, easily removable, contains internal check valve to prevent escape of liquid oil
- Non-slip cushion handle
- Includes T-fitting with 1/4" flare and 1/2" ACME ports
- Cooling fins to keep temperature cooler during extended motor operation
- Manifold valve isolates pump from the system testing for leaks. Includes 3 inlet ports, 1/4", 3/8" SAE and 1/2" ACME.
- Gas ballast valve helps prevent oil contamination caused by high moisture (90066-2V-110 & 90070-2V-110)

MODEL	NO. OF STAGES	FREE AIR DISPLACEMENT	ULTIMATE VACUUM	MOTOR	PUMP SPEED	ELECTRICAL SPECS	SHIPPING WEIGHT
90059	1	1.5 CFM	75 Microns	1/6 HP	3450 RPM	110 V/60HZ	16 lbs
90059-220	1	35 lit/min 42 lit/min	75 Microns	1/6 HP	3440 RPM	220 V/50 HZ 220 V/60 HZ	7.25 kg
90062-A	1	3 CFM	75 Microns	1/4 HP	1720 RPM	110/220V 50/60 HZ	17 lbs.
90066-A	1	6 CFM	75 Microns	1/4 HP	1720 RPM	110V/60 HZ	22 lbs



DUAL VOLTAGE VACUUM PUMP

MODEL	NO. OF STAGES	FREE AIR DISPLACEMENT	ULTIMATE VACUUM	MOTOR	PUMP SPEED	ELECTRICAL SPECS	POWER CORD	SHIPPING WEIGHT
90063-2V-110	2	3 CFM	15 Microns	1/4 HP	3440 RPM	110 V/220 V 50/60 HZ	110V Cable (US Standard)	10.7 kg
90063-2V-220	2	85 lit/min (60Hz) 71 lit/min (50Hz)	15 Microns	1/4 HP	2880 RPM	110 V/220 V 50/60 HZ	220V Cable (Shuko)	10.7 kg
90066-2V-110	2	6 CFM	15 Microns	1/3 HP	3440 RPM	110/220 V 50/60 HZ	110V Cable (US Standard)	11.2 kg
90066-2V-220	2	170 lit/min (60Hz) 141 lit/min (50Hz)	15 Microns	1/3 HP	2880 RPM	110/220 V 50/60 HZ	220V Cable (Shuko)	11.2 kg
90070-2V-110	2	10 CFM	12 Microns	1/2 HP	3440 RPM	110 V/220 V 50/60 HZ	110V Cable (US Standard)	14.8 kg
90070-2V-220	2	238 lit/min (60Hz) 198 lit/min (50Hz)	12 Microns	1/2 HP	2880 RPM	110 V/220 V 50/60 HZ	220V Cable (Shuko)	14.8 kg

VACUUM PUMP OIL

PART#	DESCRIPTION
90010-6	Case of Six (10 oz bottles)
90018-6	Case of Six (18 oz bottles)
90024-6	Case of Six (24 oz bottles)
90032-6	Case of Six (32 oz bottles)
90128-4	Case of Four (1 gallon bottles)

