



Mastercool[®] Inc.
"World Class Quality"

1 ASPEN DRIVE, RANDOLPH, NJ 07869
PHONE: 973-252-9119 / FAX: 973-252-2455
WEB: WWW.MASTERCOOL.COM

SINGLE STAGE *Black Series* VACUUM PUMPS

Mastercool's "Black Series" vacuum pumps are durable and time tested to stand up to the most grueling conditions and will provide years of reliable service. This vacuum pump provides the power and mobility necessary for a wide variety of applications.

- Refined cartridge machining process creates an improved surface finish extending the longevity of the pump life
- Expanded internal oil path creates less friction and ultimately less heat
- Upgraded seals insure maximum vacuum
- U.S. designed and tested



90059-BL

90062-BL

90066-BL

90066-BL-SF

MODEL	STAGES	FREE AIR DISPLACEMENT	ULTIMATE VACUUM	MOTOR	PUMP SPEED	ELECTRICAL SPECS	POWER	WEIGHT	DIMENSIONS IN CM
90059-BL	1	1.8 CFM	80 Microns	1/4 HP	1720 RPM	110/120 V, 60 HZ	110 V Cable (US)	6.35 kg (14 lbs)	30 x 15 x 26
90059-220-BL	1	51 lit/min (60Hz), 42 lit/min (50Hz)	80 Microns	1/4 HP	1440 RPM	220 V, 50/60 HZ	220 V Cable (Schuko)	6.35 kg (14 lbs)	30 x 15 x 26
90062-BL	1	3 CFM	80 Microns	1/4 HP	1720 RPM	110/120 V, 60 HZ	110 V Cable (US)	6.35 kg (14 lbs)	30 x 15 x 26.5
90066-BL	1	6 CFM	80 Microns	1/3 HP	1720 RPM	110/120 V, 60 HZ	110 V Cable (US)	9.3 kg (20.5 lbs)	38 x 17 x 27.5
▼ APPROVED FOR ALL AIR CONDITIONING REFRIGERANTS INCLUDING A2L AND A3 FLAMMABLE REFRIGERANTS ▼									
90066-BL-SF	1	6 CFM	80 Microns	1/3 HP	1720 RPM	110/120 V, 60 HZ	110 V Cable (US)	9.3 kg (20.5 lbs)	38 x 17 x 27.5



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2 STAGE DUAL VOLTAGE VACUUM PUMPS

3 CFM DUAL VOLTAGE VACUUM PUMP



MODEL	90063-2V-110-B	90063-2V-220-B
NO. OF STAGES		2
FREE AIR DISPLACEMENT	3 CFM	70 lit/min (60Hz), 58 lit/min (50Hz)
ULTIMATE VACUUM		15 Microns
MOTOR		1/3 HP
PUMP SPEED	1720 RPM	1440 RPM
ELECTRICAL SPECS		110/220 V, 50/60 HZ
POWER CORD	110 V Cable (US Standard)	220 V Cable (Schuko)
WEIGHT		7 kg (15.43 lbs)
DIMENSIONS IN CM		27 x 15 x 25

6 CFM DUAL VOLTAGE VACUUM PUMP



MODEL	90066-2V-110-B	90066-2V-220-B
NO. OF STAGES		2
FREE AIR DISPLACEMENT	6 CFM	170 lit/min (60Hz), 142 lit/min (50Hz)
ULTIMATE VACUUM		15 Microns
MOTOR		1/2 HP
PUMP SPEED	1720 RPM	1440 RPM
ELECTRICAL SPECS		110/220 V, 50/60 HZ
POWER CORD	110 V Cable (US Standard)	220 V Cable (Schuko)
WEIGHT		11 kg (24.25 lbs)
DIMENSIONS IN CM		37.9 x 16.7 x 27.5

8 CFM DUAL VOLTAGE VACUUM PUMP



MODEL	90068-2V-110-B	90068-2V-220-B
NO. OF STAGES		2
FREE AIR DISPLACEMENT	8 CFM	227 lit/min (60Hz), 189 lit/min (50Hz)
ULTIMATE VACUUM		15 Microns
MOTOR		3/4 HP
PUMP SPEED	1720 RPM	1440 RPM
ELECTRICAL SPECS		110/220 V, 50/60 HZ
POWER CORD	110 V Cable (US Standard)	220 V Cable (Schuko)
WEIGHT		15.43 kg (34 lbs)
DIMENSIONS IN CM		38 x 18 x 27

12 CFM DUAL VOLTAGE VACUUM PUMP



MODEL	90612-2V-110-B	90612-2V-220-B
NO. OF STAGES		2
FREE AIR DISPLACEMENT	12 CFM	340 lit/min (60Hz), 283 lit/min (50Hz)
ULTIMATE VACUUM		15 Microns
MOTOR		1 HP
PUMP SPEED	1720 RPM	1440 RPM
ELECTRICAL SPECS		110/220 V, 50/60 HZ
POWER CORD	110 V Cable (US Standard)	220 V Cable (Schuko)
WEIGHT		15.88 kg (35 lbs)
DIMENSIONS IN CM		39 x 18 x 27



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 applications.

- New U.S. Design
- Stronger Motor
- Gas Ballast Valve Helps Prevent Oil Contamination Caused by High Moisture
- Easily Removable Vapor Discharge/Oil Fill Port. Contains Internal Check Valve to Prevent Escape of Liquid Oil
- Large Oil Level Sight Glass with Max/Min Oil Level Indicator
- Easily Accessible Oil Drain Valve
- Large, Light Weight Reinforced Base for Stable Positioning
- Field Replaceable Cartridge (6, 8, 12 CFM Models)
- Cooling Fins to Keep Temperature Cooler During Extended Motor Operation
- High Volume Fan Provides Cool Air to Motor and Pump
- Manifold Valve Isolates Pump from the System when Testing for Leaks. Includes 3 Inlet Ports, 1/4", 3/8" SAE and 1/2" ACME
- Dual Voltage Capability
- Thermally Protected Motor with On/Off Rocker Switch



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2 STAGE ***Black Series*** VACUUM PUMPS

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MODEL	STAGES	FREE AIR DISPLACEMENT	ULTIMATE VACUUM	MOTOR	PUMP SPEED	ELECTRICAL SPECS	POWER	WEIGHT	DIMENSIONS IN CM
90063-2V-110-BL	2	3 CFM	15 Microns	1/3 HP	1720 RPM	110/220 V, 50/60 HZ	110 V Cable (US)	7.25 kg (16 lbs)	27 x 15 x 25
90063-2V-220-BL	2	85 lit/min (60Hz), 70 lit/min (50Hz)	15 Microns	1/3 HP	1440 RPM	110/220 V, 50/60 HZ	220 V Cable (Schuko)	7.25 kg (16 lbs)	27 x 15 x 25
90066-2V-110-BL	2	6 CFM	15 Microns	1/2 HP	1720 RPM	110/220 V, 50/60 HZ	110 V Cable (US)	11.4 kg (25 lbs)	37.9 x 16.7 x 27.5
90066-2V-220-BL	2	170 lit/min (60Hz), 142 lit/min (50Hz)	15 Microns	1/2 HP	1440 RPM	110/220 V, 50/60 HZ	220 V Cable (Schuko)	11.4 kg (25 lbs)	37.9 x 16.7 x 27.5
90068-2V-110-BL	2	8 CFM	15 Microns	3/4 HP	1720 RPM	110/220 V, 50/60 HZ	110 V Cable (US)	15.65 kg (34.5 lbs)	38 x 18 x 27
90068-2V-220-BL	2	227 lit/min (60Hz), 198 lit/min (50Hz)	15 Microns	3/4 HP	1440 RPM	110/220 V, 50/60 HZ	220 V Cable (Schuko)	15.65 kg (34.5 lbs)	38 x 18 x 27
90612-2V-110-BL	2	12 CFM	15 Microns	1 HP	1720 RPM	110/220 V, 50/60 HZ	110 V Cable (US)	16 kg (35.5 lbs)	39 x 18 x 27
90612-2V-220-BL	2	340 lit/min (60Hz), 283 lit/min (50Hz)	15 Microns	1 HP	1440 RPM	110/220 V, 50/60 HZ	220 V Cable (Schuko)	16 kg (35 lbs)	39 x 18 x 27



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2 STAGE ***Black Series*** VACUUM PUMPS



Black Series WITH SOLENOID VALVE

In the event the vacuum pump stops suddenly, the presence of a solenoid valve prevents the oil from going back towards the A/C system and causing possible contamination (example sudden power failure.) The presence of the analogue vacuum gauge allows you to have an immediate reading of the degree of vacuum reached and its stability over time.

MODEL	90063-2V-220SVBL	90066-2V-220SVBL	90068-2V-220SVBL	90612-2V-220SVBL
NO. OF STAGES	2			
FREE AIR DISPLACEMENT	85 lit/min (60Hz), 70 lit/min (50Hz)	170 lit/min (60Hz), 142 lit/min (50Hz)	227 lit/min (60Hz), 198 lit/min (50Hz)	340 lit/min (60Hz), 283 lit/min (50Hz)
ULTIMATE VACUUM	15 Microns			
MOTOR	1/3 HP	1/2 HP	3/4 HP	1 HP
PUMP SPEED	1440 RPM			
ELECTRICAL SPECS	220 V, 50/60 HZ			
POWER CORD	220 V Cable (Schuko)			
WEIGHT	8 kg (17.6 lbs)	12.15 kg (26.8 lbs)	16.4 kg (36.15 lbs)	16.75 kg (40 lbs)

Black Series SPARK FREE VACUUM PUMP

170 LIT/MIN - 142 LIT/MIN 2 STAGE VACUUM PUMP <<SPARK FREE>>



♦ Approved for all Air Conditioning Refrigerants including A2L and A3 Flammable Refrigerants ♦

MODEL	90066-220-BLSF
NO. OF STAGES	2
FREE AIR DISPLACEMENT	170 lit/min (60Hz), 142 lit/min (50Hz)
ULTIMATE VACUUM	15 Microns
MOTOR	1/2 HP
PUMP SPEED	1440 RPM
ELECTRICAL SPECS	220 V, 50/60 HZ
POWER CORD	220 V Cable (Schuko)
WEIGHT	11.22 kg (24.75 lbs)
DIMENSIONS IN CM	37.9 x 16.7 x 27.5