

		Part/ Model Number					
		DRP15EE72C	DRP15EE72D	DRP15BQ72C	DRP15BQ72D	DRP15BQ86C	DRP15BQ86D
Specification	Units	081499	081629	081501	081500	TBD	TBD
Motor Enclosure - Shaft Mt.	-	ODP-CS	ODP - CS	ODP - CS	ODP - CS	ODP - CS	ODP - CS
Horsepower	-	60	60	40	40	40	40
Voltage	AC	230/460	230/460	230/460	230/460	575	575
Phase - Frequency	-	Three-60 hz	Three - 60 hz	Three - 60 hz	Three - 60 hz	Three - 60 hz	Three - 60 hz
Insulation Class	-	F	F	F	F	F	F
NEMA Rated Motor Amps	Amps (A)	140/70	140/70	96/48	96/48	38.4	38.4
Service Factor	-	1.15	1.15	1.15	1.15	1.15	1.15
Locked Rotor Amps	Amps (A)	870/435	870/435	630/315	630/315	540/270	540/270
Max. Blower Amps	Amps (A)	170/85	170/85	160/80	160/80	64	64
NEMA Starter Size	-	5/4	5/4	4/3	4/3	3	3
Shipping Weight	Lbs	1025	1025	923	923	923	923
	Kg	464.9	464.9	418.7	418.7	418.7	418.7
Description	-	Pressure Mode	Suction Mode	Pressure Mode	Suction Mode	Pressure Mode	Suction Mode

Voltage - ROTRON motors are designed to handle a broad range of world voltages and power supply variations. Our dual voltage 3 phase motors are factory tested and certified to operate on both: **208-230/415-460 VAC-3 ph-60 Hz** and **190-208/380-415 VAC-3 ph-50 Hz**. Our dual voltage 1 phase motors are factory tested and certified to operate on both: **104-115/208-230 VAC-1 ph-60 Hz** and **100-110/200-220 VAC-1 ph-50 Hz**. All voltages above can handle a ±10% voltage fluctuation. Special wound motors can be ordered for voltages outside our certified range.

Operating Temperatures - Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance curve maximum pressure and suction points are based on a 40°C inlet and ambient temperature. Consult factory for inlet or ambient temperatures above 40°C.

Maximum Blower Amps - Corresponds to the performance point at which the motor or blower temperature rise with a 40°C inlet and/or ambient temperature reaches the maximum operating temperature.

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DR P15

40.0 / 60.0 HP Regenerative Blower

FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- CE compliant - Declaration of Conformity on file
- Maximum flow: 1900 SCFM
- Maximum pressure: 150 IWG
- Maximum vacuum: 115 IWG
- Standard motor: 60 HP, ODP
- Cast aluminum blower housing, impeller & cover; cast iron flanges (threaded)
- UL & CSA approved motor with permanently sealed ball bearings
- Inlet & outlet internal muffling
- Quiet operation within OSHA standards when properly piped or muffled - 2 inlet mufflers included (part# 516264)

MOTOR OPTIONS

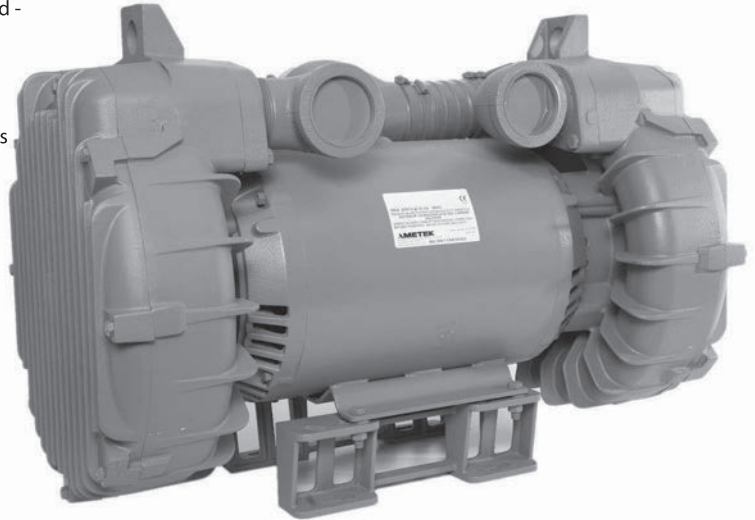
- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepower for application-specific needs

BLOWER OPTIONS

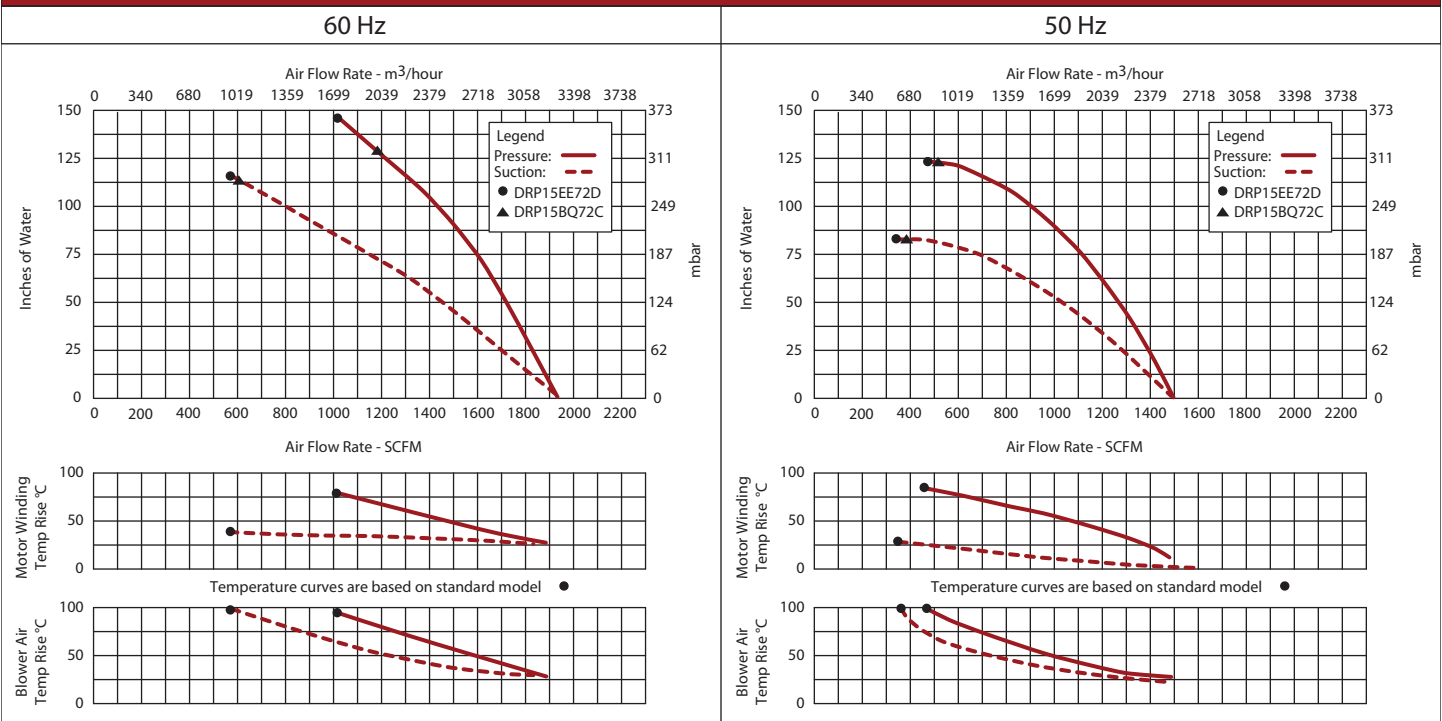
- Corrosion resistant surface treatments & sealing options
- Remote drive (motorless) models
- Slip-on or face flanges for application-specific needs

ACCESSORIES

- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- Switches - air flow, pressure, vacuum, or temperature
- External mufflers for additional silencing
- Air knives (used on blow-off applications)
- Variable frequency drive package



Blower Performance at Standard Conditions



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