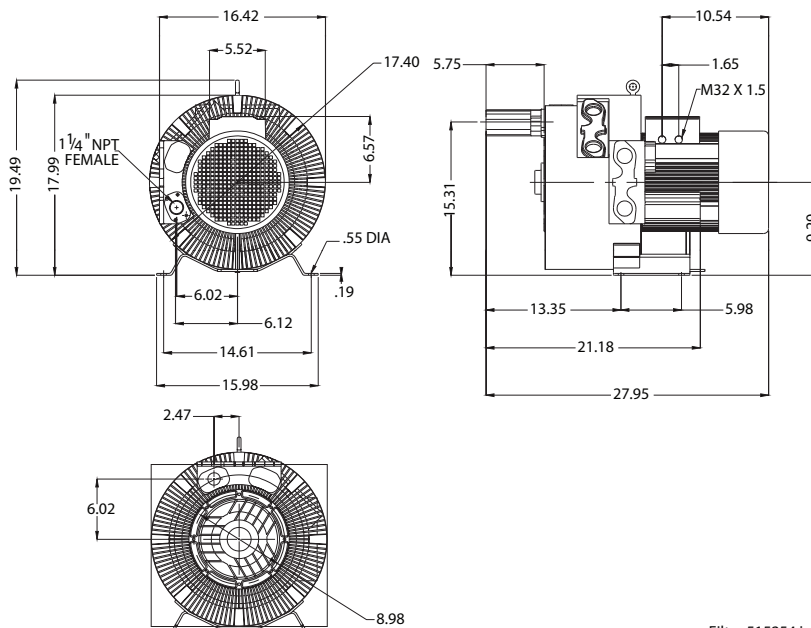


DR 433

11.5 HP Regenerative Blower



Filter 515254 included

		Part/ Model Number
		DR433GE72M
		081958
Specification	Units	
Motor Enclosure - Shaft Mtl.	-	TEFC-CS
Horsepower	-	11.5
Voltage	AC	208-230/460
Phase - Frequency	-	Three - 60 Hz
Insulation Class	-	F
NEMA Rated Motor Amps	Amps (A)	17.3/10
Service Factor	-	1.0
Locked Rotor Amps	Amps (A)	294/147
Max. Blower Amps	Amps (A)	22/11
Recommended NEMA Starter Size		3/2
Shipping Weight	Lbs	300
	Kg	136.1

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 433

11.5 HP Regenerative Blower

FEATURES

- ISO 9001 compliant
- CE compliant - Declaration of Conformity on file
- Maximum flow : 110 SCFM
- Maximum pressure: 13 PSIG (360 IWG)
- Maximum vacuum: 17.6 IHG (183 IWG)
- Standard motor: 11.5 HP, TEFC
- Cast aluminum blower housing, impeller & cover
- Cast Iron flanges (threaded)
- UL approved motor with permanently sealed ball bearings
- Inlet & outlet internal muffling
- Quiet operation within OSHA standards

MOTOR OPTIONS

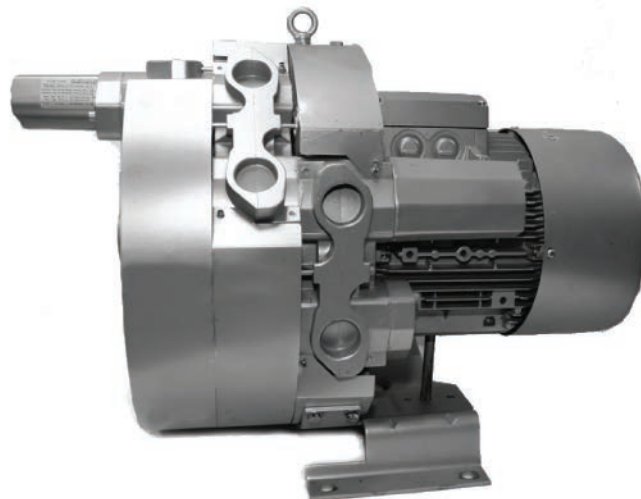
- International voltage & frequency (Hz)

BLOWER OPTIONS

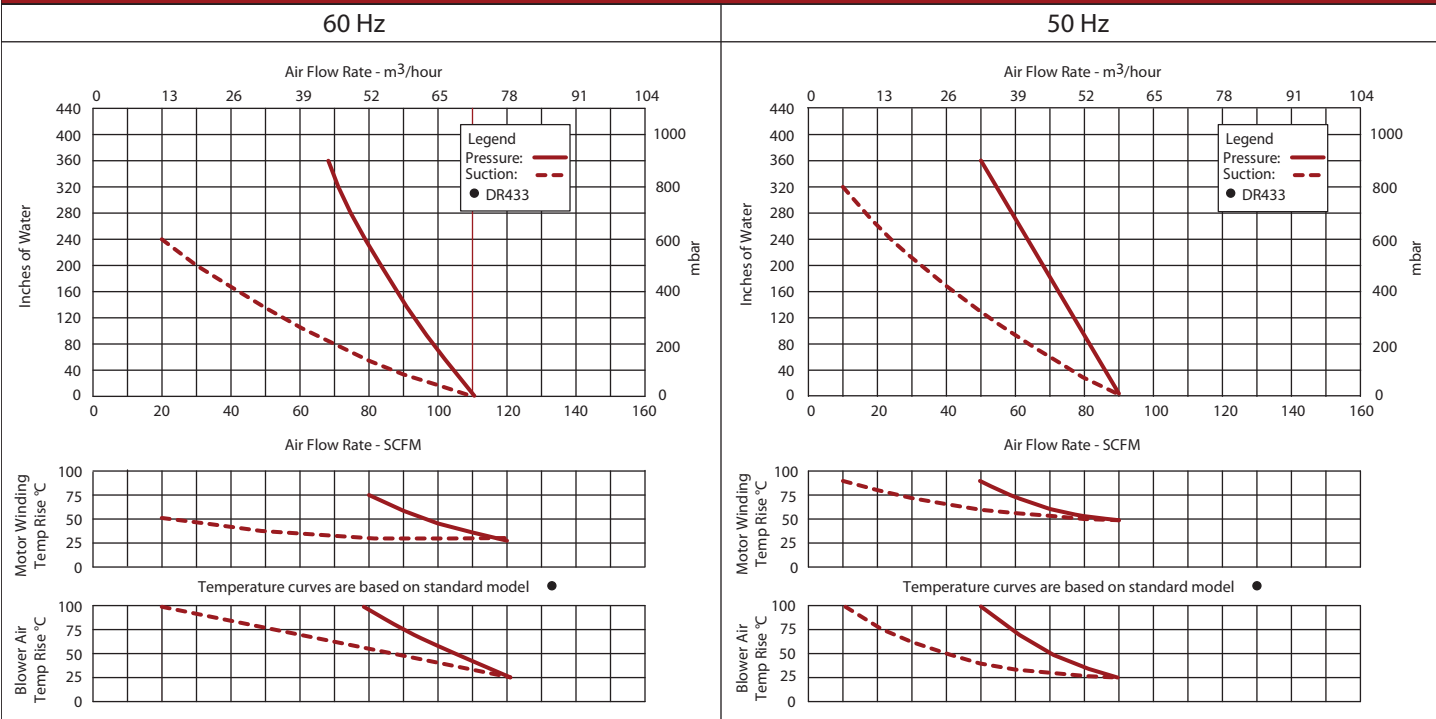
- Slip-on or face flanges for application-specific needs

ACCESSORIES

- Flowmeters reading in SCFM
- Filters & moisture separators
- Pressure gauges, vacuum gauges, & relief valves
- 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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