



Used Rotron DR757D89X, 5HP, 208-230/460 V, 3PH, TEFC Blower

SPECIFICATIONS

Dimensions: 18.55" x 16.75" x 17.44"

Weight: 63.5 Lbs.

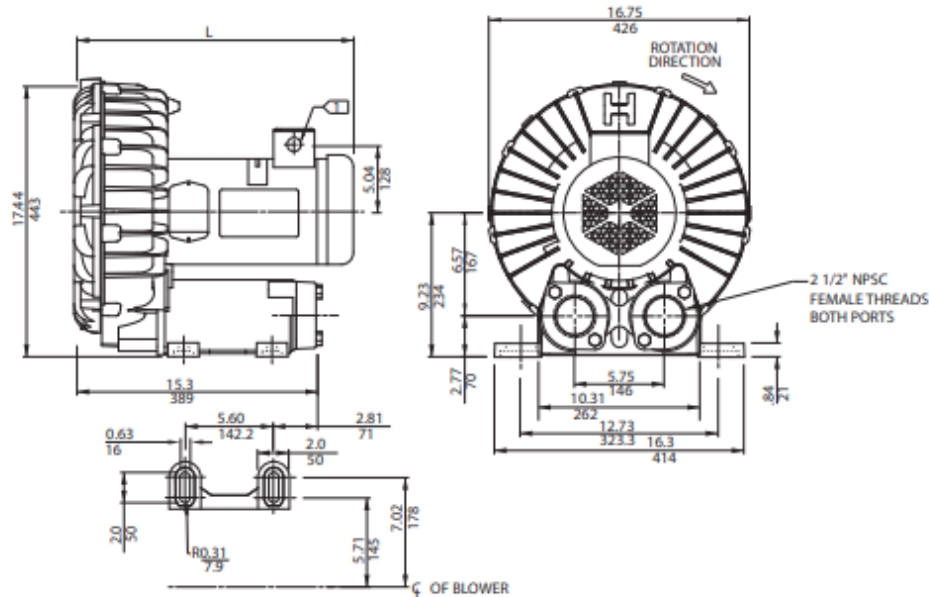
Brand: Rotron
Model: DR757D89X
Max Pressure: 83" H2O
Max Vacuum: 90" H2O
Max Air Flow: 330 SCFM

Motor: Baldor
Explosion Proof: NO
Horsepower: 5
Phase: 3
Voltage: 208-230/460
RPM: 3450





4.0 / 5.0 HP Regenerative Blower



IN
MM

NOTES

- 1 TERMINAL BOX CONNECTOR HOLE 1.06 (26) DIA.
- 2 DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
- 3 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

MODEL	L (IN/MM)
DR757CK72X	18.55/471
DR757CK86X	18.55/471
DR757D89X	18.55/471
DR757D86X	18.55/471
DR757D5MX	18.55/471

Specification	Units	Part/ Model Number				
		DR757CK72X 081172	DR757CK86X 081173	DR757D89X 081169	CP757FF72XLR 081178	CP757CR72XLR 081179
Motor Enclosure - Shaft Mt.	-	TEFC-CS	TEFC-CS	TEFC-CS	Chem TEFC-SS	Chem TEFC-SS
Horsepower	-	4.0	4.0	5.0	5.0	4.0
Voltage	AC	230/460	575	230/460	230/460	230/460
Phase - Frequency	-	Three-60 hz	Three-60 hz	Three - 60 hz	Three - 60 hz	Three-60 hz
Insulation Class	-	F	F	F	F	F
NEMA Rated Motor Amps	Amps (A)	10/5	4.0	12/6	12/6	10/5
Service Factor	-	1.15	1.15	1.15	1.15	1.15
Max. Blower Amps	Amps (A)	12/6	4.2	15.5/7.6	15.5/7.6	12/6
Locked Rotor Amps	Amps (A)	94/47	80	194/97	194/97	94/47
NEMA Starter Size	-	1/0	0	1/0	1/0	1/0
Shipping Weight	Lbs	131	128	140	140	131
	Kg	59.4	58.1	63.5	63.5	59.4

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.

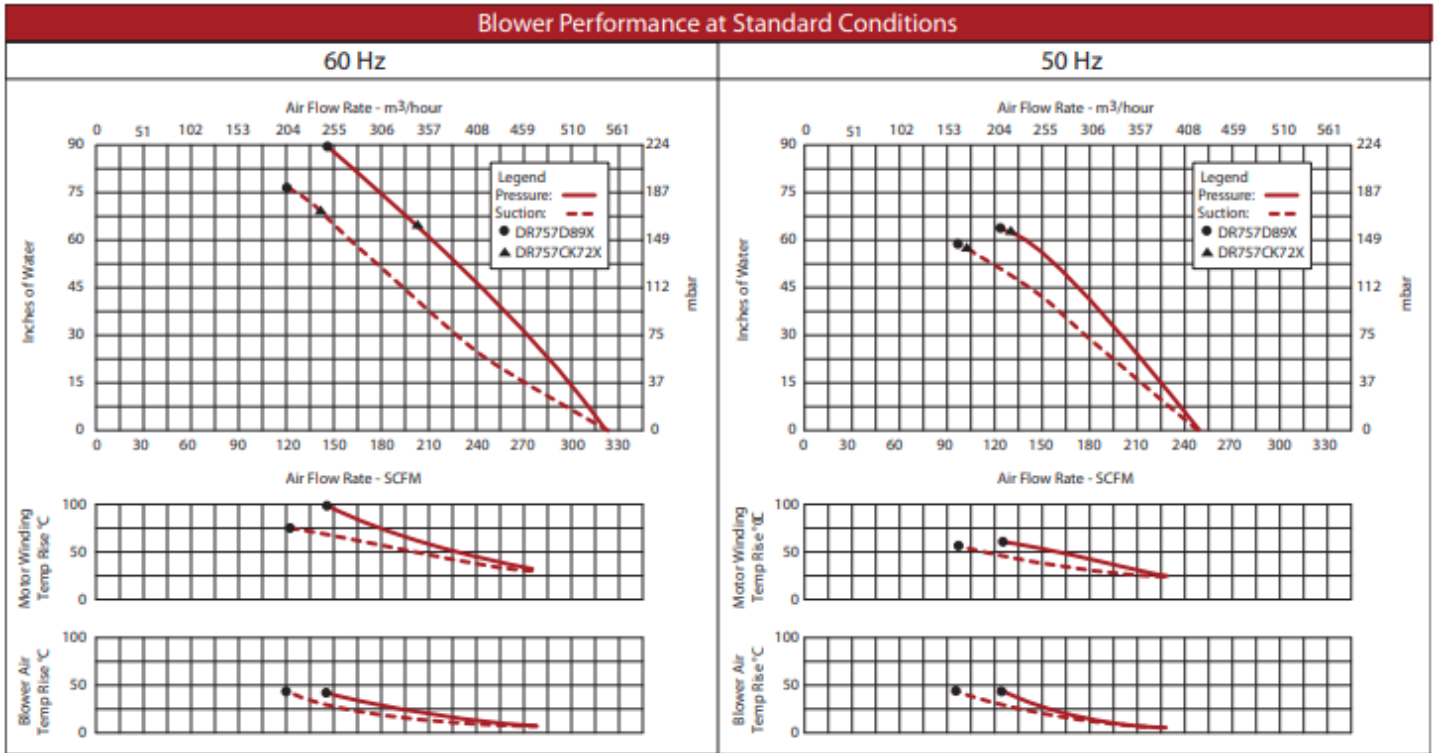
Operating Temperatures - Maximum operating temperature: Motor winding temperature (winding rise plus ambient) should not exceed 140°C for Class F rated motors or 120°C for Class B rated motors. Blower outlet air temperature should not exceed 140°C (air temperature rise plus inlet temperature). Performance 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.



Enviro-Equipment, Inc.

Remediation Division



This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

