Enviro-Equipment, Inc.
Remediation Division

Stock # 2101

USED AMETEK ROTRON DR656K72X, 3-Phase, 208-230/460 TEFC Motor

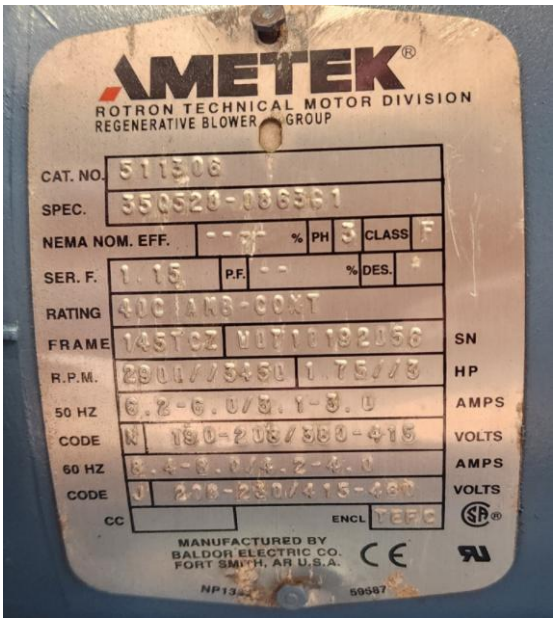
Dimensions: (Blower Only): 16.11” x 15.42” x 17.44 **Weight:** 103 lbs.

Max Suction: 70” H2O
Max Pressure: 70” H2O
Max Flow: 210 SCFM
Motor: Baldor
Explosion Proof: No
Horsepower: 3
Phase: 3
Voltage: 208-230/460
RPM: 3450







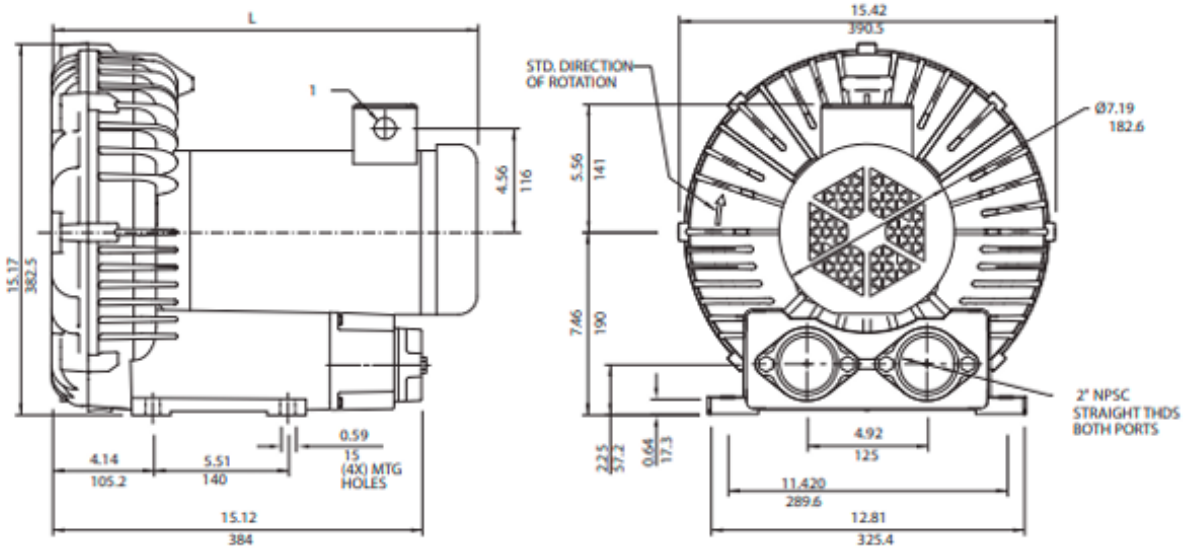


ROTRON®

Industrial / Chemical Processing Blowers

DR 656 & CP 656

3.0 / 3.5 HP Regenerative Blower



NOTES
1. TERMINAL BOX CONNECTOR HOLE .88 (22) 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)
DR656CK72X	17.50/444.5
DR656K72X	16.00/406.4

		Part/ Model Number					
Specification	Units	DR656CK72X 080582	DR656CK86X 080583	DR656CK5X 080584	DR656K72X 080602	DR656K58X 080603	CP656CR72XLR 080065
Motor Enclosure - Shaft Mtl.	-	TEFC - CS	TEFC - CS	TEFC-CS	TEFC - CS	TEFC - CS	CHEM TEFC-SS
Horsepower	-	3.5	3.5	3.5	3.0	3.0	3.5
Voltage	AC	230/460	575	230	230/460	115/230	230/460
Phase - Frequency	-	Three - 60 Hz	Three - 60 Hz	Single - 60 Hz	Three - 60 Hz	Single - 60 Hz	Three - 60 Hz
Insulation Class	-	F	F	F	F	F	F
NEMA Rated Motor Amps	Amps (A)	10.0/5.0	4.0	18	7.4/3.7	29/14.5	10.0/5.0
Service Factor	-	1.15	1.0	1.15	1.15	1.0	1.15
Max. Blower Amps	Amps (A)	11.4/5.7	5.2	18	9/4.5	27.8/13.9	11.4/5.7
Locked Rotor Amps	Amps (A)	94/47	80	115	54/27	172/86	94/47
NEMA Starter Size	-	1/0	0	1	0/0	1.5/1.0	1/0
Shipping Weight	Lbs	110	114	101	103	114	110
	Kg	49.9	51.7	45.8	46.7	51.7	49.9

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.