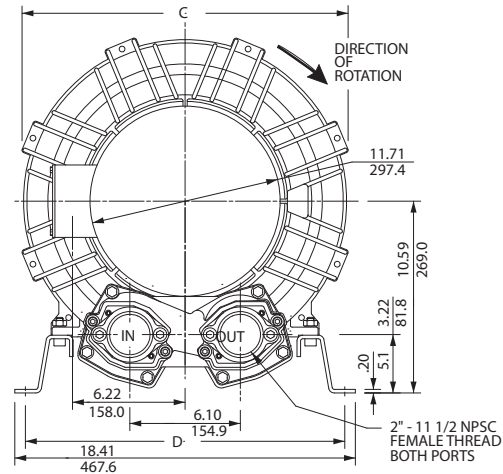
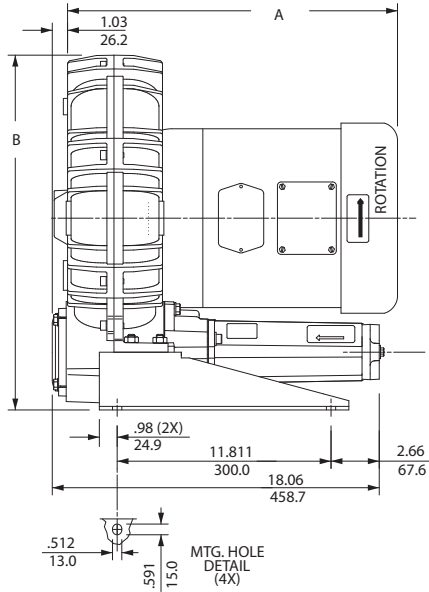


7.5 HP High Pressure Sealed Regenerative w/Explosion-Proof Motor



NOTES

- 1 TERMINAL BOX CONNECTOR HOLE 3/4" NPT FEMALE THREAD.
- 2 DRAWING NOT TO SCALE, CONTACT FACTORY FOR SCALE CAD DRAWING.
- 3 CONTACT FACTORY FOR BLOWER MODEL LENGTHS NOT SHOWN.

| MODEL | A | B | C | D |
|-------|------|-------|------|------|
| EN633 | 18.1 | 18.94 | 16.7 | 17.3 |
| EN833 | 18.2 | 19.59 | 18.0 | 17.6 |

| Specification | Units | Part/Model Number | |
|------------------------------|----------|-------------------|---------------|
| | | EN633BA72LM | CP633FY72LR |
| | | 081698 | 081697 |
| Motor Enclosure - Shaft Mtl. | - | XP-CS | CHEM XP-SS |
| Horsepower | - | 7.5 | 7.5 |
| Voltage | AC | 208-230/460 | 208-230/460 |
| Phase - Frequency | - | Three - 60 Hz | Three - 60 Hz |
| Insulation Class | - | B | B |
| NEMA Rated Motor Amps | Amps (A) | 20-18/9.3 | 20-18/9.3 |
| Service Factor | - | 1.0 | 1.0 |
| Max. Blower Amps | Amps (A) | 17/8.5 | 17/8.5 |
| Locked Rotor Amps | Amps (A) | 177/88.7 | 177/88.7 |
| Starter Size | - | 1/1 | 1/1 |
| Shipping Weight | Lbs | 288 | 288 |
| | Kg | 130.6 | 130.6 |

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.

XP Motor Class - Group - See Explosive Atmosphere Classification Chart in Section I

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FEATURES

- Manufactured in the USA - ISO 9001 and NAFTA compliant
- Maximum flow: 120/180 SCFM
- Maximum pressure: 200/195 IWG
- Maximum vacuum: 155/155 IWG
- Standard motor: 7.5 HP, explosion-proof
- Cast aluminum blower housing, impeller, cover & manifold; cast iron flanges (threaded); teflon® lip seal
- UL & CSA approved motor with permanently sealed ball bearings for explosive gas atmospheres Class I Group D minimum
- Sealed blower assembly
- Quiet operation within OSHA standards

MOTOR OPTIONS

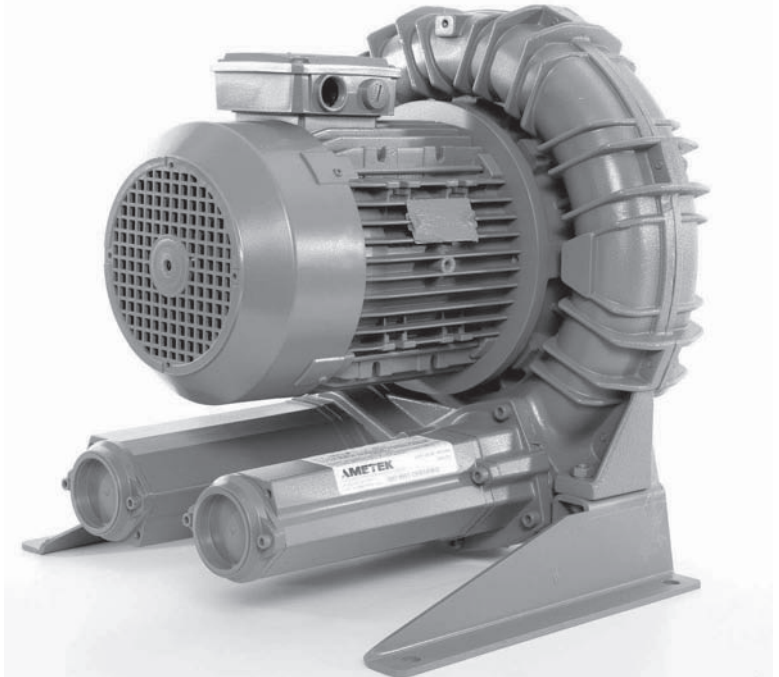
- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepower for application-specific needs

BLOWER OPTIONS

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

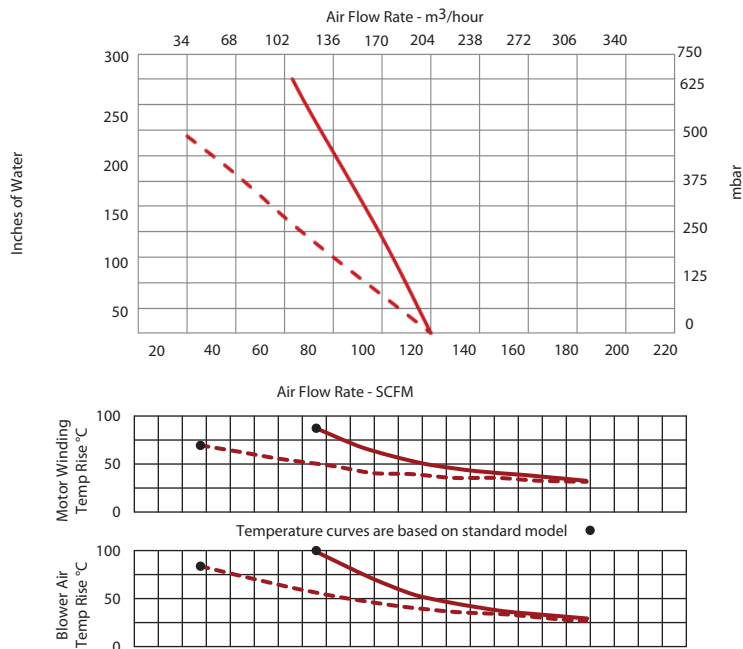
ACCESSORIES

- 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

60 Hz



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