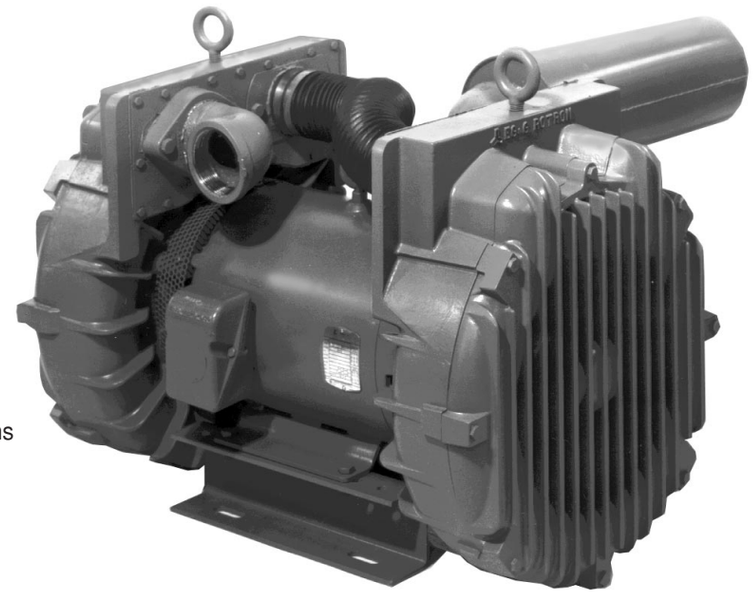
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DR S15
High Pressure Regenerative Blower

FEATURES
- Manufactured in the USA – ISO 9001 compliant
- CE compliant – Declaration of Conformity on file
- Maximum flow: 900 SCFM
- Maximum pressure: 200 IWG
- Maximum vacuum: 9.9" Hg (134.7 IWG)
- Standard motor: 40 HP, ODP
- Cast aluminum blower housing, impeller & cover; cast iron flanges (threaded)
- UL & CSA approved motor with permanently sealed ball bearings
- Quiet operation within OSHA standards when properly piped or muffled – 1 inlet muffler included

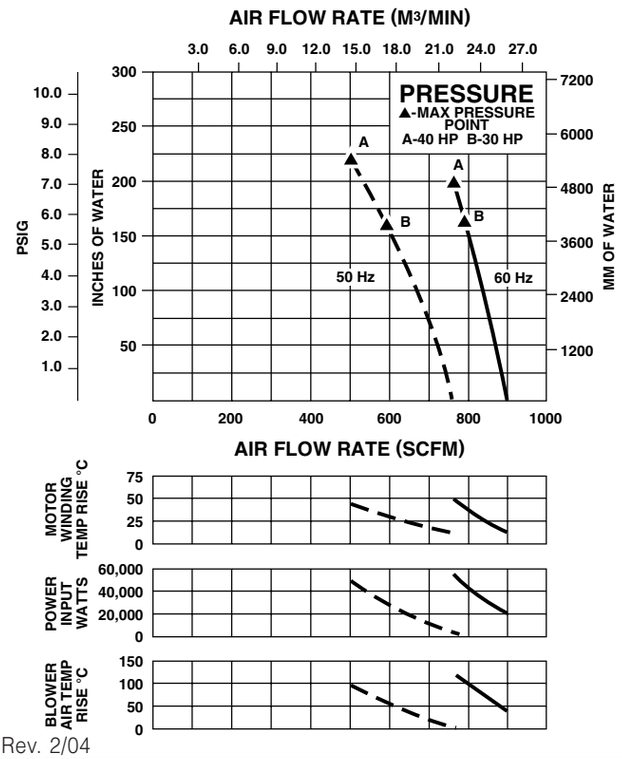


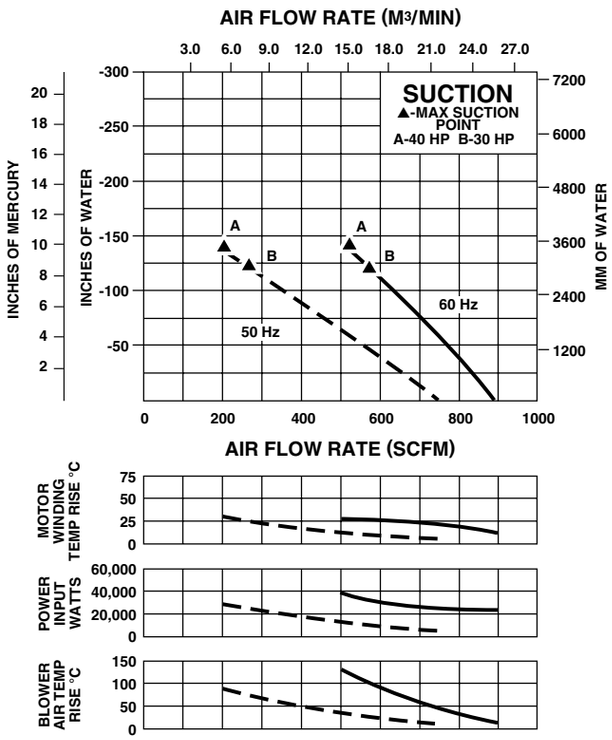
MOTOR OPTIONS
- International voltage & frequency (Hz)
- Chemical duty, high efficiency, inverter duty or industry-specific designs
- Various horsepowers for application-specific needs

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

ACCESSORIES (See Catalog Accessory Section)
- 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



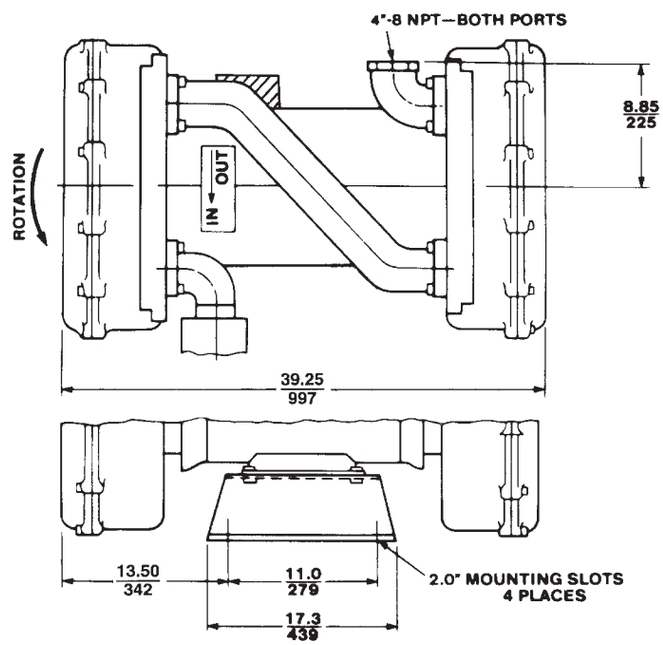


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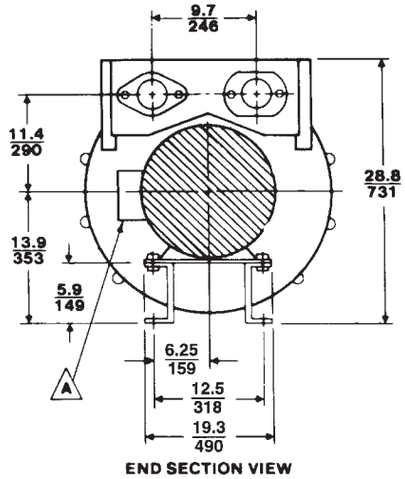
AMETEK Technical and Industrial Products, Kent, OH 44240 • e mail: rotronindustrial@ametek.com • internet: www.ametektmd.com

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DR S15
High Pressure Regenerative Blower



CUT OFF SIDE VIEW SHOWING MTG. DIM.



END SECTION VIEW

Scale CAD drawing available upon request.

DIMENSIONS: IN / MM
TOLERANCES: .XX ± .1 / 2.5
(UNLESS OTHERWISE NOTED)

NOTE: 40 HP DIMENSIONS SHOWN UNLESS OTHERWISE NOTED.

A 2.5 INCH DIAMETER TERMINAL BOX CONNECTOR HOLE (60 HP MOTOR)

SPECIFICATIONS

ALL PRODUCTS LISTED INCLUDE MUFFLER PN516264

MODEL	DRS15BQ72	DRS15BQ86
Part No.	037244	037317
Motor Enclosure – Shaft Material	ODP – **CS**	ODP – **CS**
Horsepower	40	40
Voltage [1]	230/460	575
Phase – Frequency [1]	Three - 60 Hz	Three - 60 Hz
Insulation Class [2]	F	F
NEMA Rated Motor Amps	96/48	38.4
Service Factor	1.15	1.15
Locked Rotor Amps	630/315	216
Max. Blower Amps [3]	130/65	52
Recommended NEMA Starter Size	4/3	3
Shipping Weight	923 lb (419 kg)	923 lb (419 kg)

[1] 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.

[2] 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.

[3] 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.

Specifications subject to change without notice. Please consult your Local Field Sales Engineer for specification updates.

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