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SPIRAL™ Duplex SL5
Instrument Grade Regenerative Blower

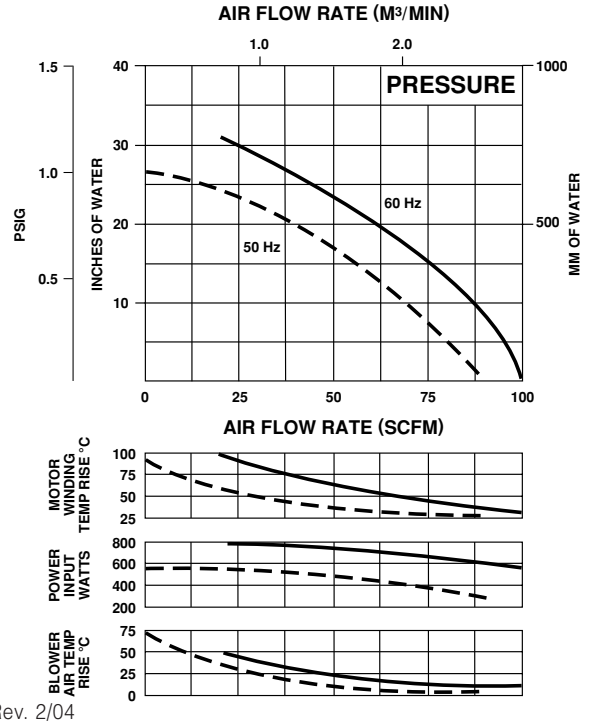
FEATURES
- Manufactured in the USA – ISO 9001 compliant
- CE compliant – Declaration of Conformity on file
- Maximum flow: 100 SCFM
- Maximum pressure: 31 IWG
- Maximum vacuum: 2.3" Hg
- Standard motor: 0.75 HP, ODP
- Cast aluminum blower housing, impeller & cover; slip-on flanges
- Motor with permanently sealed ball bearings
- Inlet & outlet internal muffling
- Quiet operation within OSHA standards
- Thermal overload protection

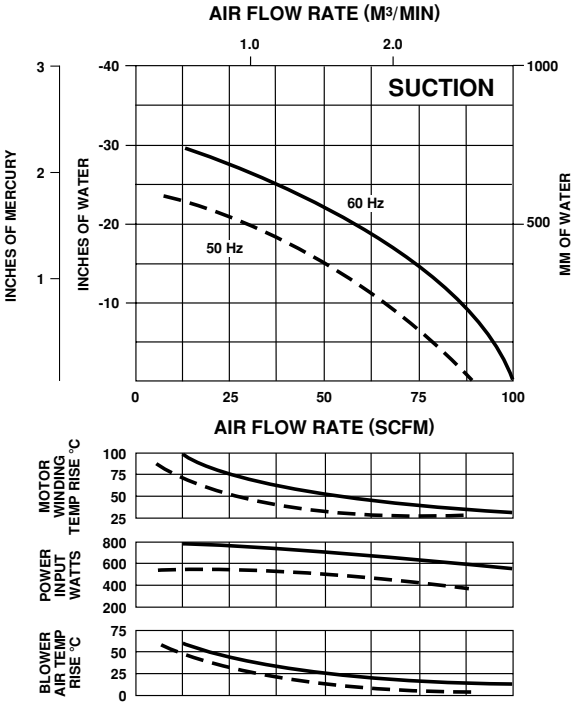


OPTIONS
- International voltage & frequency (Hz)
- Hermetically sealed
- UL & CSA approved motor
- Remote drive (motorless) model
- Factory installed trimmers for adjusting air flow rate

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)

BLOWER PERFORMANCE AT STANDARD CONDITIONS





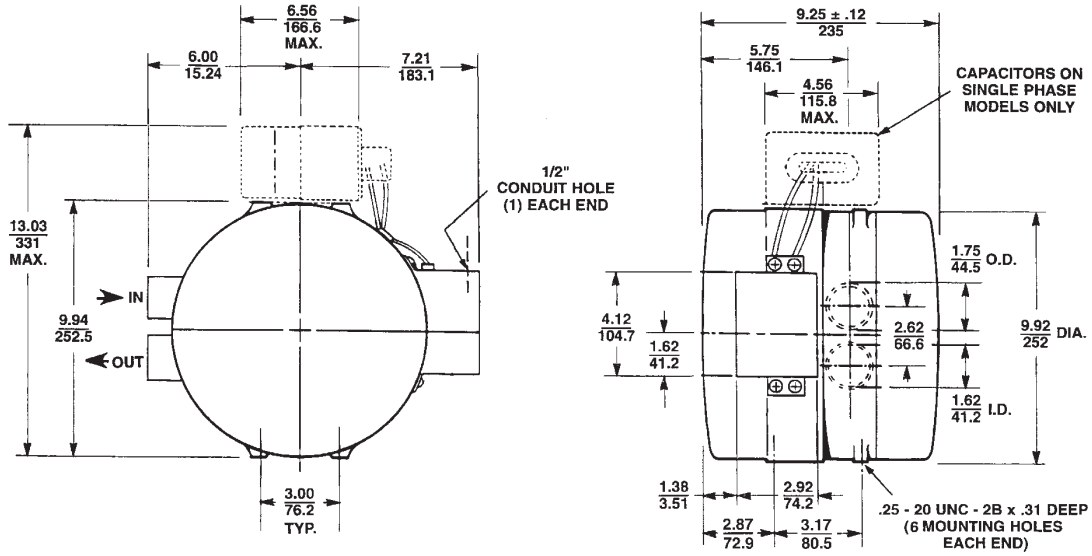
Rev. 2/04

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SPIRAL™ Duplex SL5
Instrument Grade Regenerative Blower

Scale CAD drawing available upon request.



DIMENSIONS: IN / MM
TOLERANCES: .XX ± .06
(UNLESS OTHERWISE NOTED)

SPECIFICATIONS

MODEL	SL5P2	SL5P52
Part No.	036010	036261
Motor Enclosure – Shaft Material	ODP – **CS**	ODP – **CS**
Horsepower	0.75	0.75
Voltage [1]	115	220/208-230
Phase – Frequency [1]	Single - 50/60 Hz	Single - 50/60 Hz
Insulation Class [2]	B	B
Full-Load Amps [3] (50/60 Hz)	4.58/6.75	1.85/2.55
Service Factor	1.0	1.0
Locked Rotor Amps	14.0	7.0
Recommended NEMA Starter Size	00/00	00/00
Shipping Weight	42 lb (19.1 kg)	42 lb (19.1 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.