

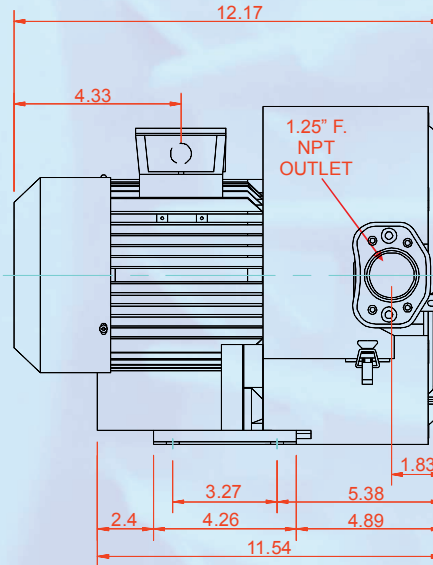
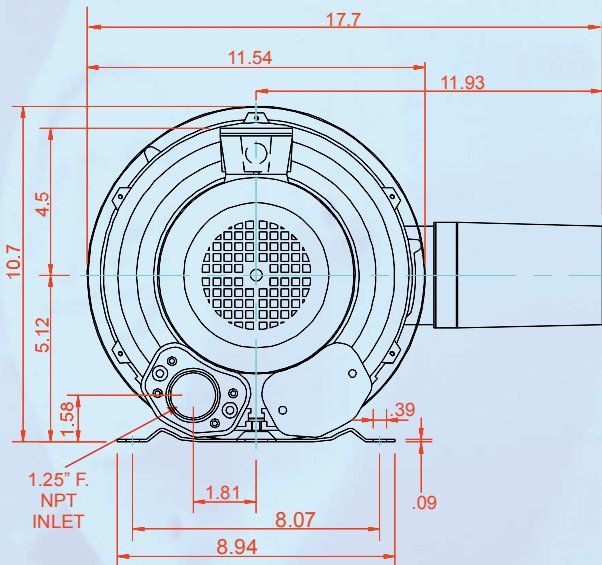
2-STAGE REGENERATIVE BLOWERS (RING COMPRESSORS) MODELS DG230-11TS, 16TS, & 17TS

CONSTRUCTION FEATURES

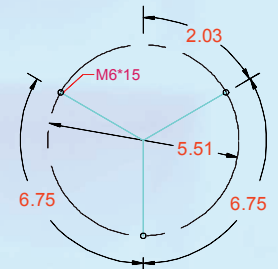
- Fine grain cast aluminum impeller and casings for maximum heat dissipation
- C-UL-US registered for service in Canada and the USA
- IP-55 rated (TEFC) motors with winding embedded thermistor switch (TS)
- Mountable in either horizontal or vertical positions
- Inlet and outlet silencers for quiet operation



DIMENSIONS - INCHES



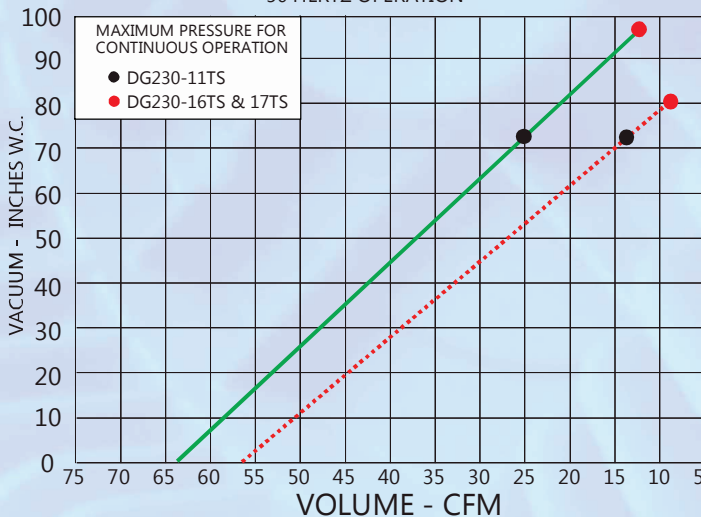
VERTICAL MOUNT LAG CENTRES



NOTE: LAG HOLES ARE METRIC THREAD AND LENGTH

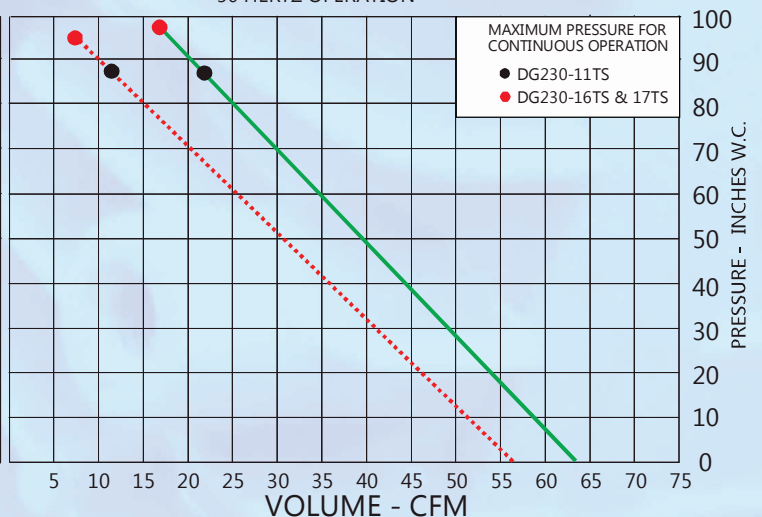
VACUUM CURVE

60 HERTZ OPERATION ———
50 HERTZ OPERATION ·····



PRESSURE CURVE

60 HERTZ OPERATION ———
50 HERTZ OPERATION ·····



ELECTRICAL SPECIFICATIONS AND CAPACITIES

MODEL NUMBER	PH	HZ	VOLTAGE	RATED KW	MAX AMPS	* MAX PRESS IN. W.C.	* MAX VAC IN. W.C.	MAX FLOW CFM	WT. LBS	NOISE LEVEL
DG230-11TS	1	50	100-120/200-240	.75	9.2 / 4.5	88	72	56.5	38.5	60
	1	60	110-120/220-240	.85	11 / 5.4	88	80	63.5		66
DG230-16TS	3	50	200-240/345-415	.75	3.7/2.14	96	80	56.5	37.4	60
	3	60	220-275/380-480	.85	3.9 / 2.25	98	98	63.5		67
DG230-17TS	3	60	575	.85	1.6	98	98	63.5	37.4	67

* Maximum operating pressure and vacuum levels are based on optimum supply voltage. Low (or high) voltage supply may reduce the achievable pressure/vacuum levels while remaining within nameplate amperage limitations.

NOTE: "TS" suffix in the model numbers designates a winding embedded thermistor switch is included for pilot duty service for protection of the blower from over-temperature. This is added protection, and motor overload protection is still required in the magnetic motor starter or VFD.

RECOMMENDED OPTIONAL ACCESSORIES

Inlet strainer provides basic protection for the blower against ingestion of damaging particles. Washable 100 mesh stainless steel screen and meta 1.25" F. NPT connection.

Model SS-20



In-line vacuum filter for vacuum systems or remote air intake for pressure.

Replaceable 10 micron paper cartridge (optional polyester element).

Model CSL-848-125HC
Model CSL-850-150HC



Inlet filter/silencer provides 10 micron filtration for blower and process protection. Replaceable paper cartridge (optional polyester element or filtration ratings). 1.5" M. NPT connection.

Model FS-18P-150



Exhaust mufflers for vacuum applications and in-line silencers for inlet or exhaust application.

Model B-128, 2" Exh. Muffler

Model In-line silencer model APSLCR125
1-1/4" F. NPT Connections



Combination Pressure/Vacuum Relief Valve for installation in the discharge or inlet piping. The valve is required to protect the blower from operating at excessive pressure or vacuum levels and/or allowing constant pressure operation. Model RV-01



Check valves prevent back-flow during blower off periods where installations include multiple blowers. Size according to system piping to prevent excessive pressure drop.

Model 5002A-1.25, 1.25" conn.
Model 5002A-1.5, 1.5" conn.



Liquid filled pressure gauge has a stainless steel case and 2-1/2" dial face with dual scale of 0 to 200 inches W.C. and 0-7 PSIG. An economical gauge with Bottom connection is 1/4" NPT.

Model SP-1031-200



Stainless Steel flexible connector for easy connection to your system to prevent transfer of vibration. Standard connections are 1.5" M. NPT x 24" long. (optional sizes available).

Model No. - PARRAP 1.25" x 24"



Magnehelic pressure gauge may be used for pressure, vacuum or differential pressures determined by the connections used. A 4" dial with 0 to 150 inch W.C. scale. Other scales are optionally available.

Model 2150 - Range 0 to 150" W.C.



Vibration isolation mounts for horizontal or vertical mounting of blower.

Model GGS4C912 Pads

(Horizontal mounting)

Model GGM2NNZ8

(Vertical mounting - M6 studs both ends).

