

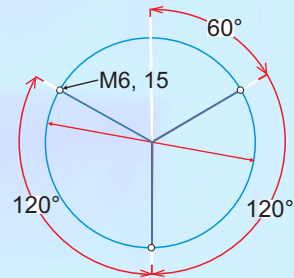
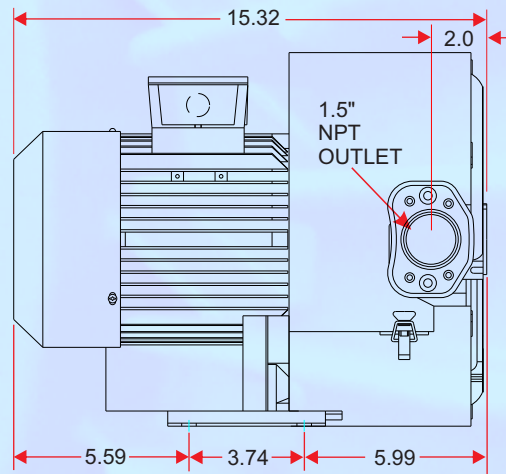
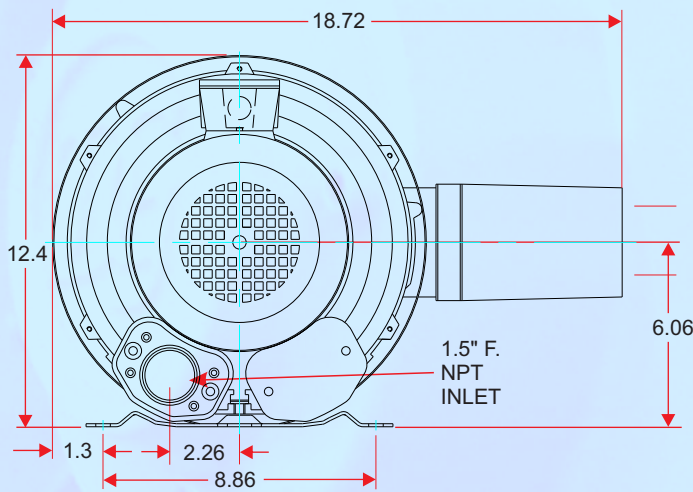
# 2-STAGE REGENERATIVE BLOWERS (RING COMPRESSORS) MODELS DG330-11, 16, 17, 26 & 27

## 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
- Mountable in either horizontal or vertical positions
- Inlet and outlet silencers for quiet operation
- 1-1/2" F. NPT connection size

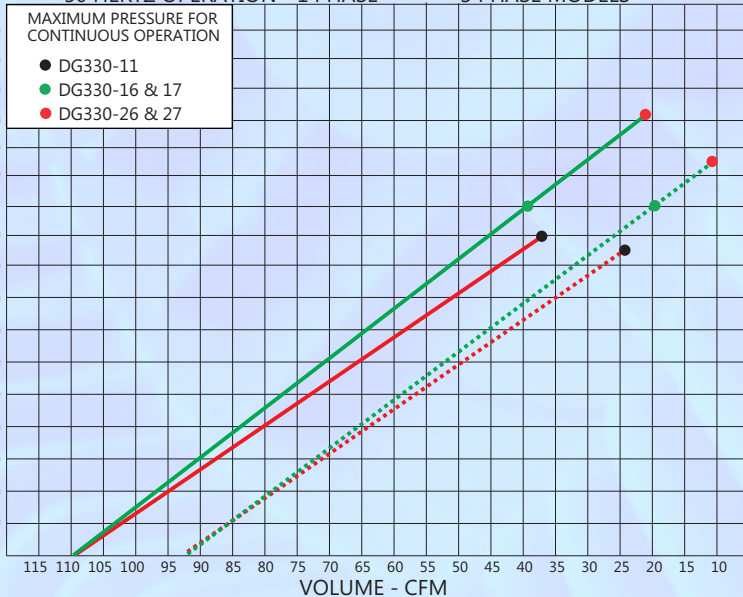


## DIMENSIONS - INCHES (MM)



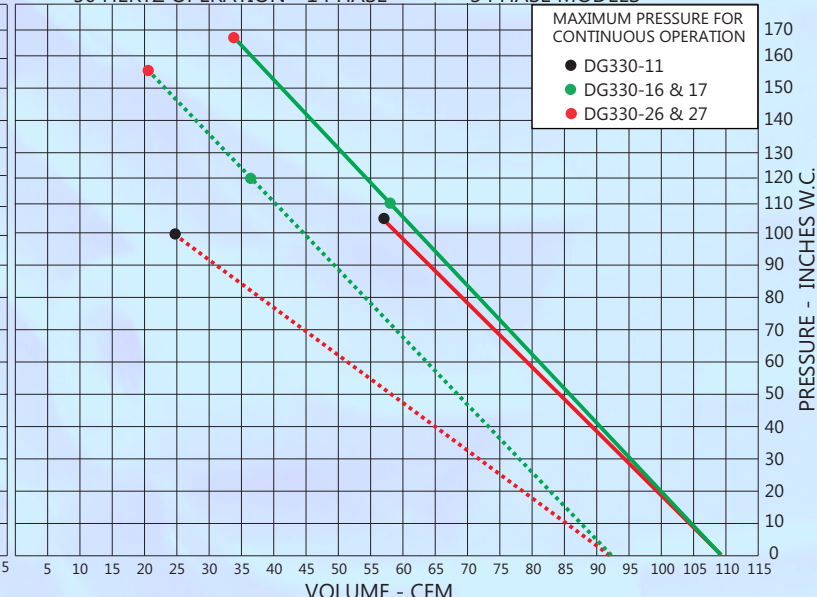
## VACUUM CURVE

60 HERTZ OPERATION - 1 PHASE — 3 PHASE MODELS —  
50 HERTZ OPERATION - 1 PHASE ..... 3 PHASE MODELS .....



## PRESSURE CURVE

60 HERTZ OPERATION - 1 PHASE — 3 PHASE MODELS —  
50 HERTZ OPERATION - 1 PHASE ..... 3 PHASE MODELS .....



## 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
DG330-11TS	1 1	50 60	100-120/200-240 110-120/220-240	1.5 1.75	20 / 10 22.8 / 11.4	100 104	96 100	92 110	63	66 69
DG330-16TS	3 3	50 60	200-240/345-415 220-275/380-480	1.75 1.9	6.7/3.9 7 / 4	120 120	110 110	92 110	55	66 69
DG330-17TS	3	60	575	1.9	3.1	120	110	110	55	69
DG330-26TS	3	50 60	200-240/345-415 220-275/380-480	2.2 2.6	7.8 / 4.5 9.5 / 5.5	156 168	128 140	92 110	62	66 69
DG330-27TS	3	60	575	2.6	3.6	168	140	110	62	69

\* 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 1.5" F. NPT connection.



Model SS-30

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

Replaceable 10 micron paper cartridge (optional polyester element).

Model CSL-848-150HC  
Model CSL-850-200HC



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-168, 2" Exh. Muffler



Model VFY-026A In-line silencer  
2" F. NPT Connections



Pressure Relief Valve for installation in the discharge piping for pressure applications, is required to protect the blower from operating at excessive pressure and/or allowing constant pressure operation.  
Model PR-11



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-1.5, 1.5" conn.  
Model 5002A-2, 2" conn.



Magnehelic pressure gauge may be used for pressure, vacuum or differential pressures determined by the connections used.



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

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 1.5" x 24"



Vacuum Relief valve required for vacuum applications to protect the blower from operating at excessive vacuum which can cause overheating and premature bearing failure. Connection is 1-1/2" F. NPT.  
Model VR-11.



Vibration isolation mounts for horizontal or vertical mounting of blower.

Model 4C912 Pads  
(Horizontal mounting)

Model KMN5XK75  
(Vertical mounting - M8 studs both ends).

