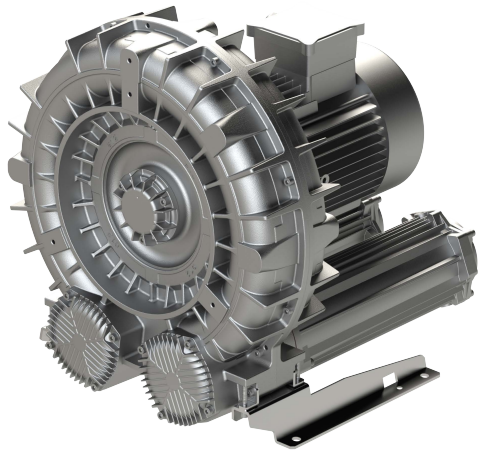




e10-MS

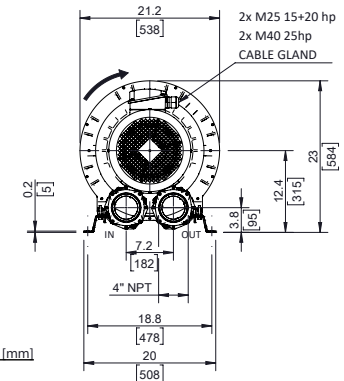
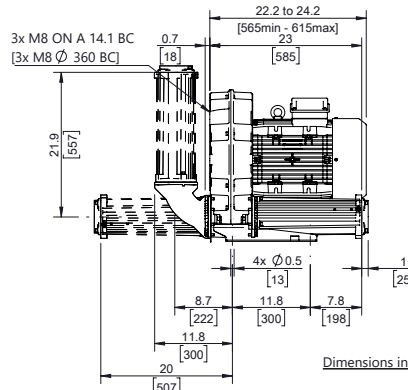
Technical Specifications

Evolution Series Technical Characteristics

- Premium efficient motor
- High efficiency impeller
- Mountable in any position
- Maintenance free operation
- TEFC (IP55)

Optional Features

- Anodized aluminum components for corrosion resistance
- Increased sealing



Model No.	HP	Hz	Open Flow (cfm)	Max Pressure in. H O	Max Vacuum in. H O	Efficiency	Voltage	FLA	Starting Current Ratio ¹	dB(A) ²	Weight (lb)
SCL e10-MS-7.5-3	7.5	60	584	20	20	89.5%	208-230/460	19.8-19.5/9.75	13.7	81	205.1
		50	484	50	50	89.2%	200/400	22.2/11.1		76	
SCL e10-MS-7.5-3-575	7.5	60	584	20	20	89.5%	575	7.21	13.5	81	205.1
SCL e10-MS-10-3	10	60	584	50	60	90.2%	208-230/460	26.1-25/12.5	13	81	216.1
		50	484	90	90	90.1%	200/400	28.6/14.3		76	
SCL e10-MS-10-3-575	10	60	584	50	60	90.2%	575	10	12.9	81	216.1
SCL e10-MS-15-3	15	60	584	100	110	91.0%	208-230/460	38.2-37.3/18.7	12.5	81	228.2
		50	484	140	120	91.0%	200/400	43.4/21.7		76	
SCL e10-MS-15-3-575	15	60	584	100	110	91.0%	575	13.9	11	81	228.2
SCL e10-MS-20-3	20	60	584	160	130	91.7%	208-230/460	47.0 / 23.5	9.7	81	256.8
		50	484	170	-	91.9%	200/400	52.4 / 26.2		76	
SCL e10-MS-20-3-575	20	60	584	160	130	91.0%	575	18.8	9.8	81	256.8
SCL e10-MS-25-3	25	60	584	200	-	91.7%	208-230/460	62 / 31	12.5	81	335.4
		50	484	-	-	91.9%	200/400	69 / 34.5		76	
SCL e10-MS-25-3-575	25	60	584	200	-	91.0%	575	24.8	12.5	81	335.4

Motors include normally closed thermal protector, 1.15 S.F. (60 Hz), tropicalized windings, Class F (B) insulation, and are suitable for use with a VFD (Contact FPZ for pneumatic and speed limits when used with a VFD).

¹Starting current ratio x fla = starting current

²Noise level measured at a distance of 1 m with inlet and outlet ports piped in accordance to ISO 3744

Recommended Accessories

Data is subject to change without notice.

Description	Pressure Safety Valve	Vacuum Safety Valve	Pressure Filter	Vacuum Filter	Check Valve
Part Number	VRL9 (7.5&10 HP) ³	VRL9 (7.5&10 HP) ³	FS-235P-400	CT-235P-400C	CV40
	VRL8 (10 HP & 20 HP) ³	VRL8 (15&20 HP) ³			
	VRL6 (25 HP) ³	-			

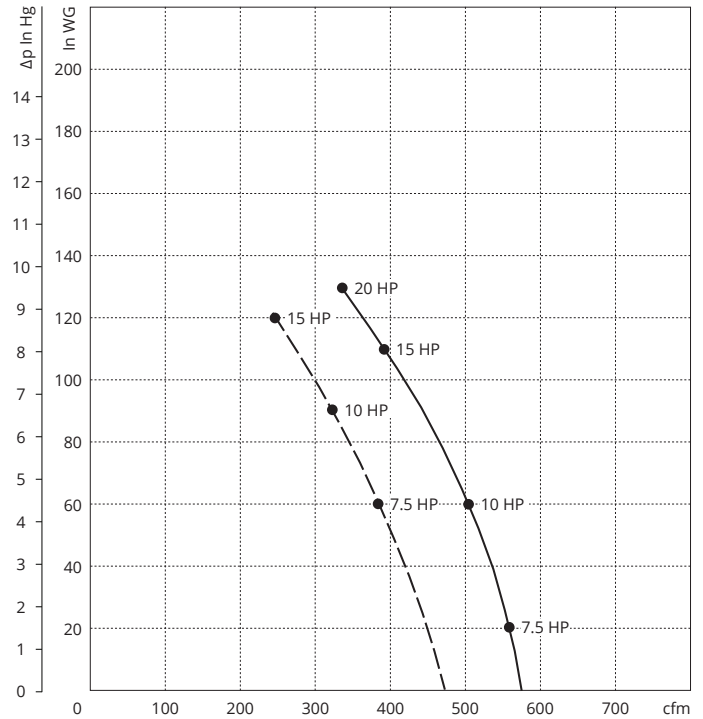
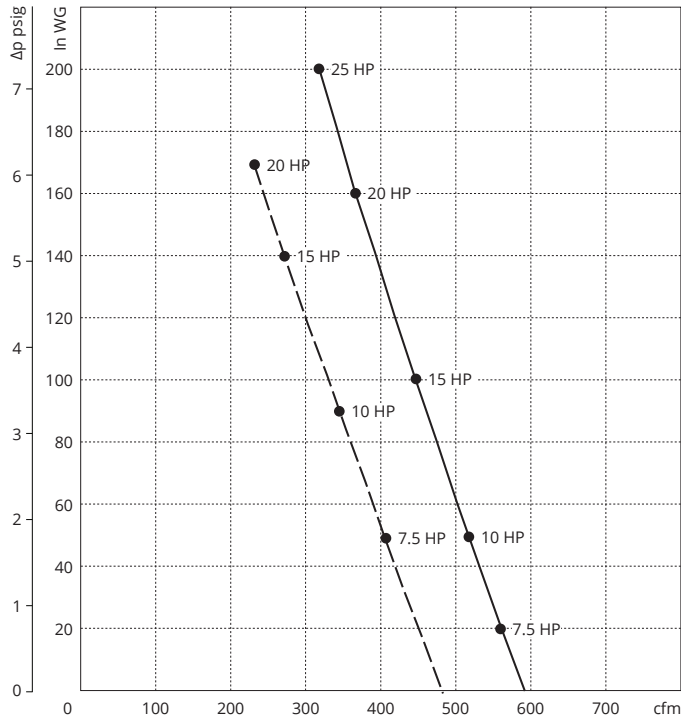
³Valve selections are based on 60 Hz and standard air. Valves are supplied uncalibrated. Safety valves are easy to calibrate, but can be ordered with factory calibration.



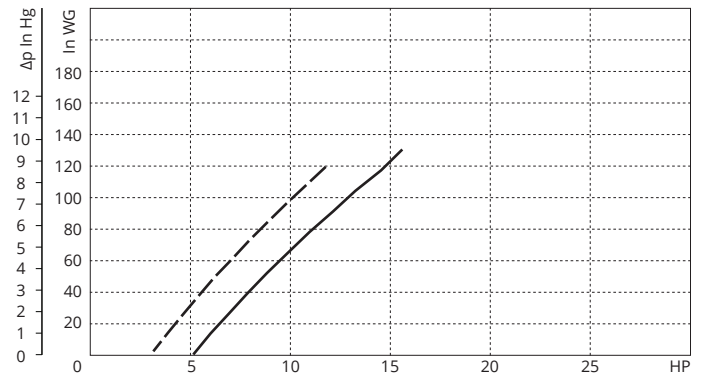
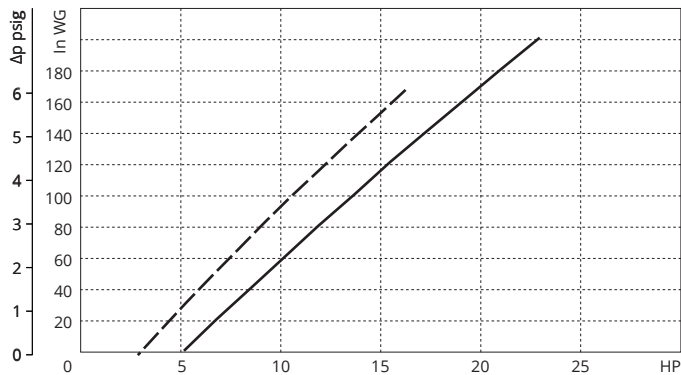
PRESSURE

VACUUM

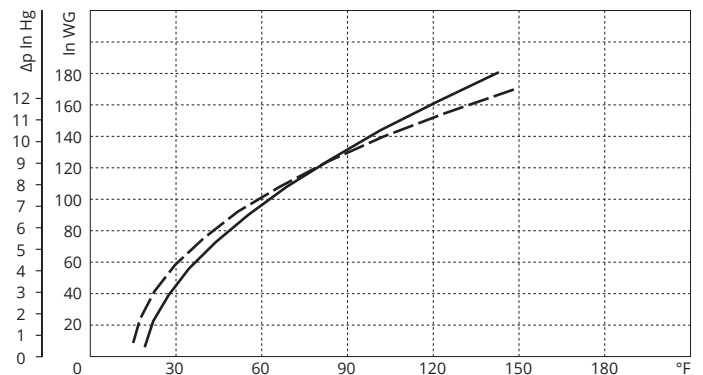
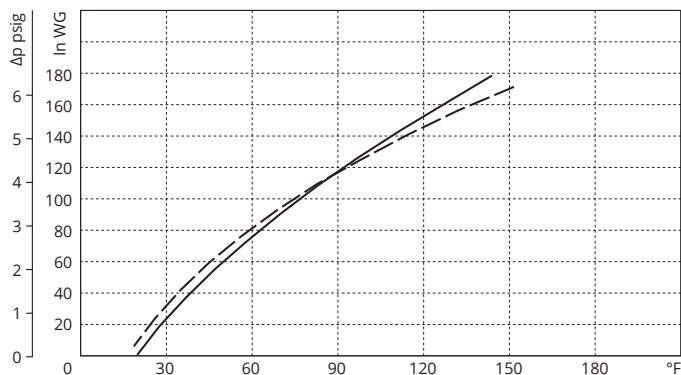
CAPACITY



ABSORBED POWER



TEMPERATURE INCREASE



Curves refer to air at 68°F temperature and 29.92 In Hg atmospheric pressure (abs) measured at inlet port.
Values for flow, power consumption and temperature rise: +/-10% tolerance.
Data subject to change without notice.

KEY
--- 50 Hz
— 60 Hz