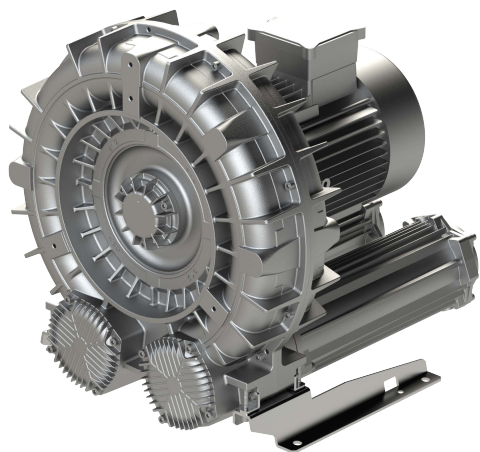




e09-MS

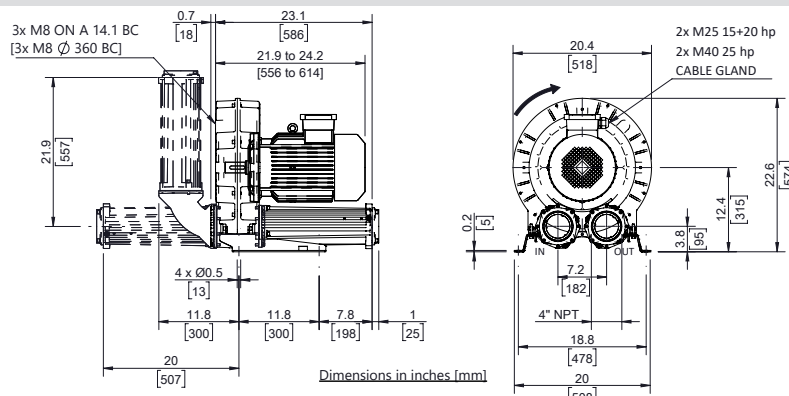
Technical Specifications

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 ₂ O	Max Vacuum in. H ₂ O	Efficiency	Voltage	FLA	Starting Current Ratio ¹	dB(A) ²	Weight (lb)
SCL e09-MS-7.5-3	7.5	60	489	50	50	89.5%	208-230/460	19.8-19.5/9.75	13.7	79	198
		50	406	80	80	89.2%	200/400	22.2/11.1		74	
SCL e09-MS-7.5-3-575	7.5	60	489	50	50	89.5%	575	7.21	13.5	79	198
SCL e09-MS-10-3	10	60	489	80	90	90.2%	208-230/460	26.1-25/12.5	13	79	209
		50	406	120	120	90.1%	200/400	28.6/14.3		74	
SCL e09-MS-10-3-575	10	60	489	80	90	90.2%	575	10	12.9	79	209
SCL e09-MS-15-3	15	60	489	140	140	91.0%	208-230/460	38.2-37.3/18.7	12.5	79	222
		50	406	170	130	91.0%	200/400	43.4/21.7		74	
SCL e09-MS-15-3-575	15	60	489	140	140	91.0%	575	13.9	11	79	222
SCL e09-MS-20-3	20	60	489	170	-	91.7%	208-230/460	47.0 / 23.5	9.7	79	247
		50	406	-	-	91.9%	200/400	52.4 / 26.2		74	
SCL e09-MS-20-3-575	20	60	489	170	-	91.0%	575	18.8	9.8	79	247

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 (7.5HP) ³	VRL9 (7.5 HP) ³	FS-235P-400	CT-235P-400C	CV40
	VRL8 (10 HP & 15 HP) ³	VRL8 (10 HP) ³			
	VRL6 (20 HP) ³	VRL6 (15 HP) ³			

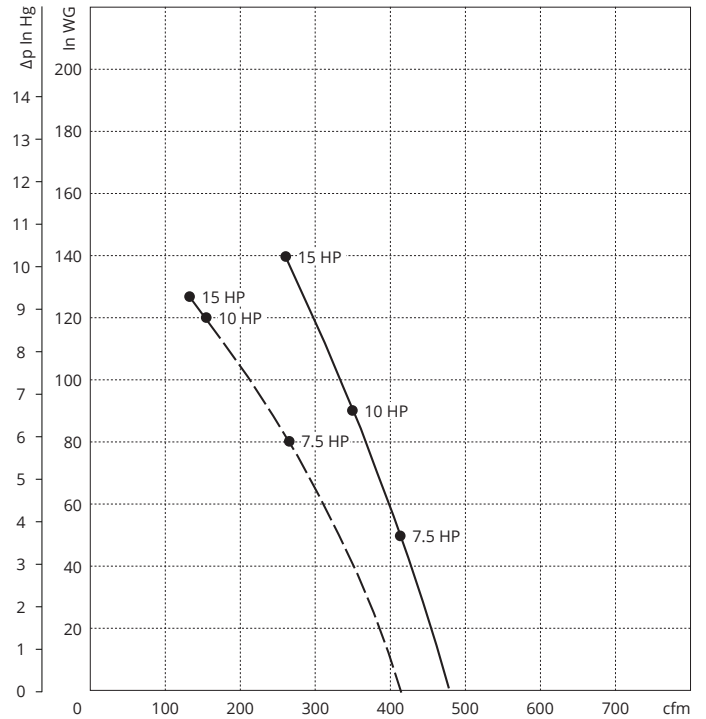
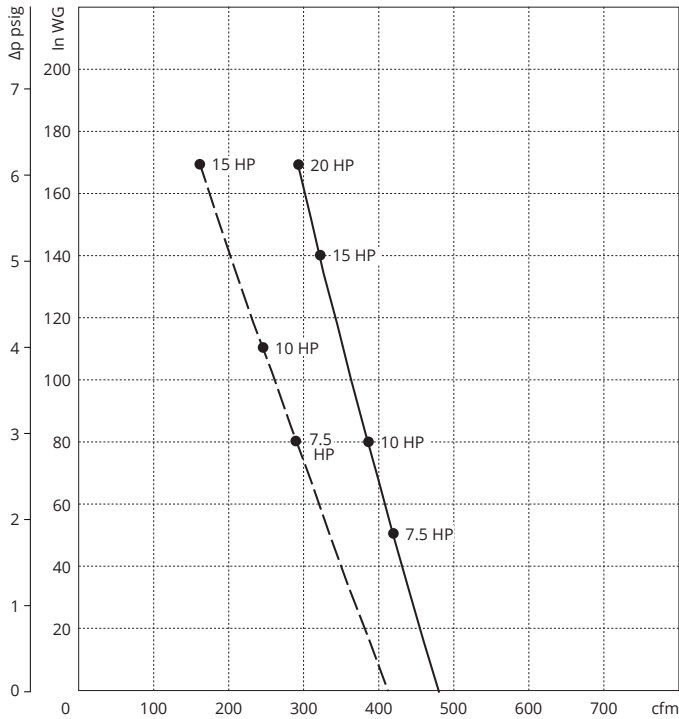
³Valve selections are based on 60 Hz and standard air. Valves are supplied uncalibrated. Safety valves are easy to calibrate, but can be ordered with factory calibration.



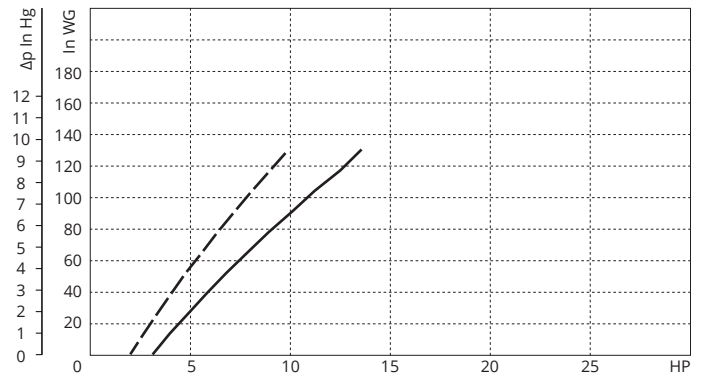
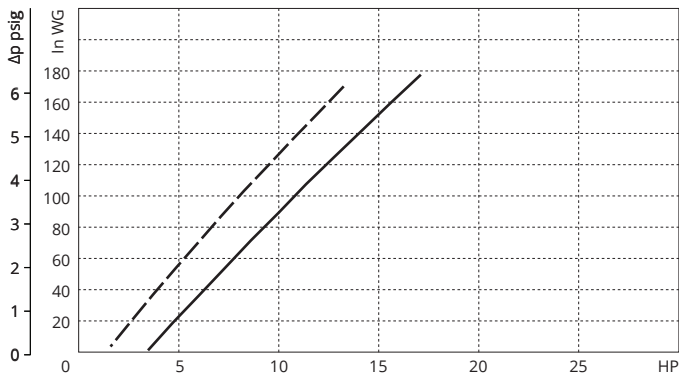
PRESSURE

VACUUM

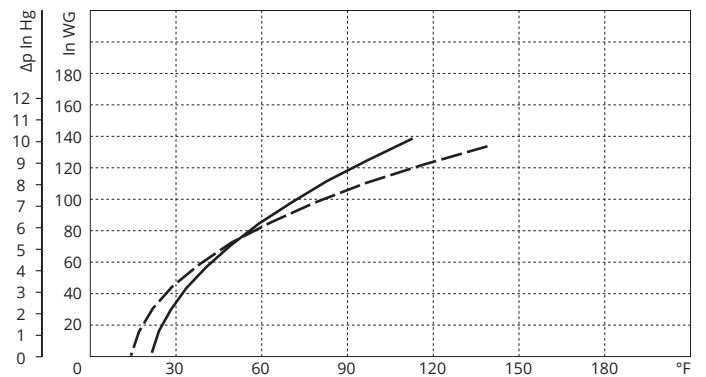
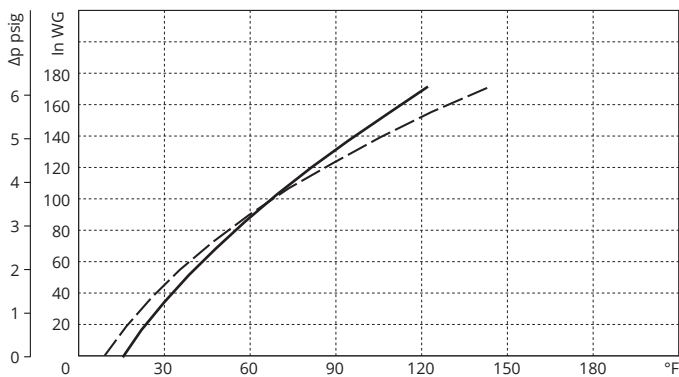
CAPACITY



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