



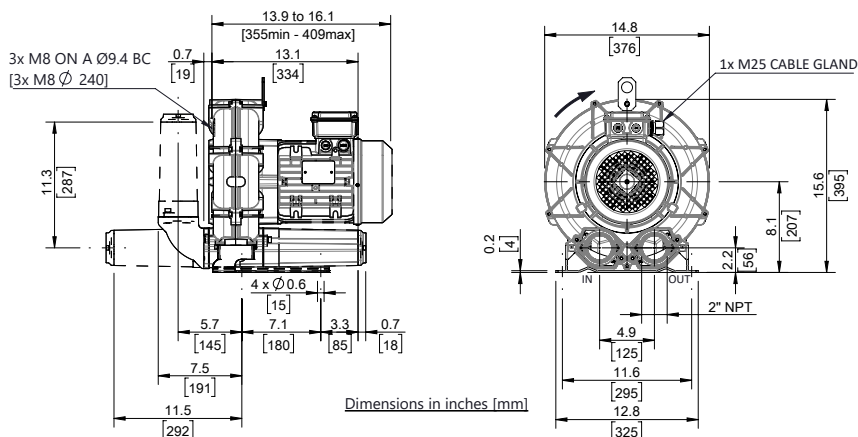
e06-MS

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



Technical Specifications

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 e06-MS-3-3	3	60	254	40	50	86.5%	208-230/460	8.27-8.31/4.15	10.7	77	66
		50	205	70	70	85.9%	200/400	9.6/4.8		69	
SCL e06-MS-3-3-575	3	60	254	40	50	86.5%	575	3.0	9.7	77	66
SCL e06-MS-3-115/230	3	60	254	40	50	75.0%	115/208-230	29.4/16.6-14.8	4.1	77	
SCL e06-MS-4-3	4	60	254	70	80	88.5%	208-230/460	10.9-11.1/5.53	11	77	81
		50	205	90	100	87.1%	200/400	12.86/6.38		69	
SCL e06-MS-4-3-575	4	60	254	70	80	88.5%	575	3.94	10.1	77	81
SCL e06-MS-5.5-3	5.5	60	254	110	110	88.5%	208-230/460	14.6-15.1/7.55	11.1	77	87
		50	205	130	110	88.1%	200/400	17.7/8.86		69	
SCL e06-MS-5.5-3-575	5.5	60	254	110	110	88.5%	575	5.31	10.9	77	87
SCL e06-MS-6.2-3	6.2	60	254	130	-	89.5%	208-230/460	16.5-16.4/8.2	12.5	77	90
		50	205	140	-	88.6%	200/400	19.0/9.5		69	
SCL e06-MS-6.2-3-575	6.2	60	254	130	-	89.5%	575	6.0	10.9	77	90

Motors include normally closed thermal protector, 1.15 S.F. (60 Hz-3ph), tropicalized windings, Class F insulation. 3-phase motors 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

Data is subject to change without notice.

Recommended Accessories

Description	Pressure Safety Valve	Vacuum Safety Valve	Pressure Filter	Vacuum Filter	Check Valve
Part Number	VRL8 (3 HP) ³	VRL8 (3 HP) ³	FS-231P-200	CSL-851-200HC	CV20
	VRL6 (4HP - 6.2 HP) ³	VRL6 (4HP - 6.2 HP) ³			

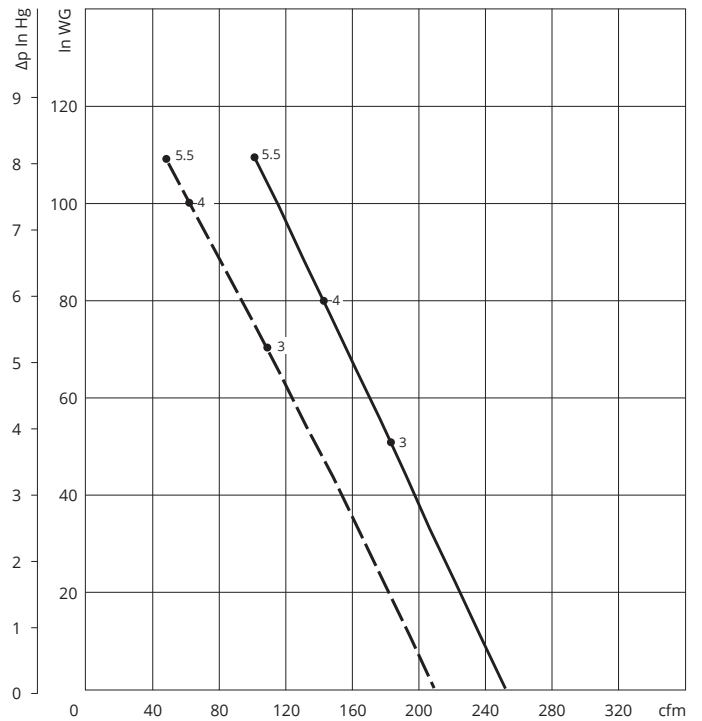
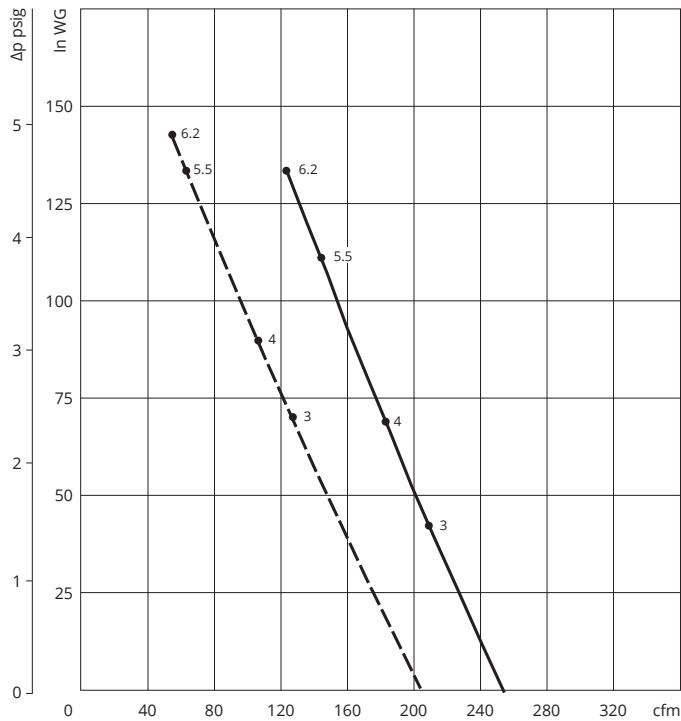
³Valve selections are based on 60 Hz and standard air. Valves are supplied uncalibrated. Safety valves are easy to calibrate, but can be ordered with factory calibration.



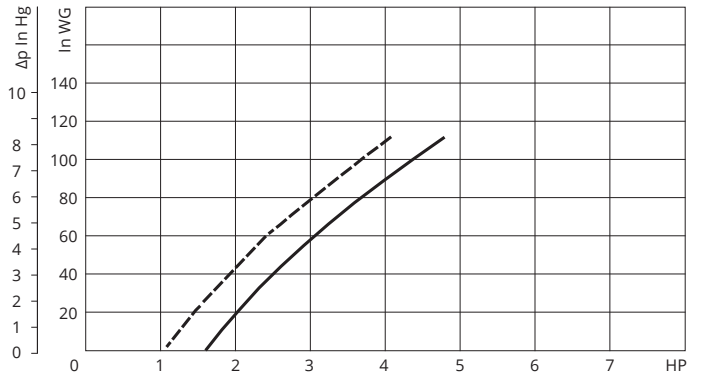
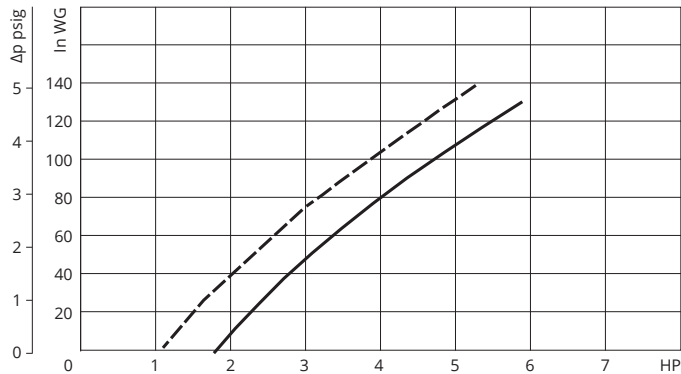
PRESSURE

VACUUM

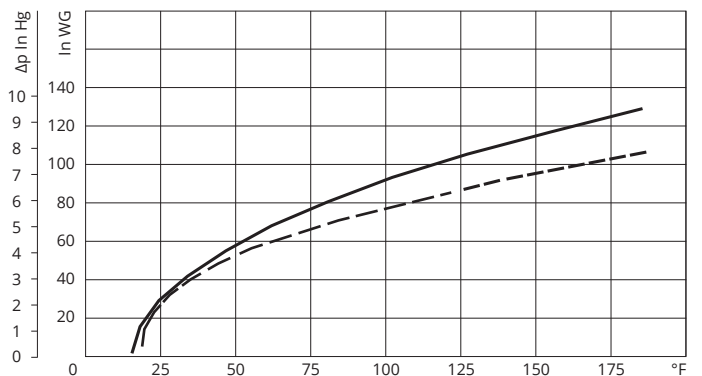
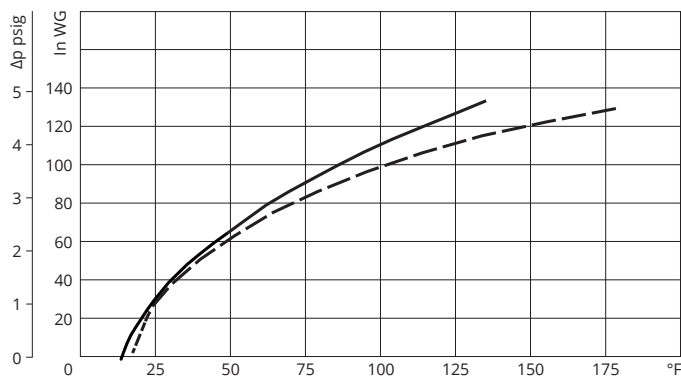
CAPACITY



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