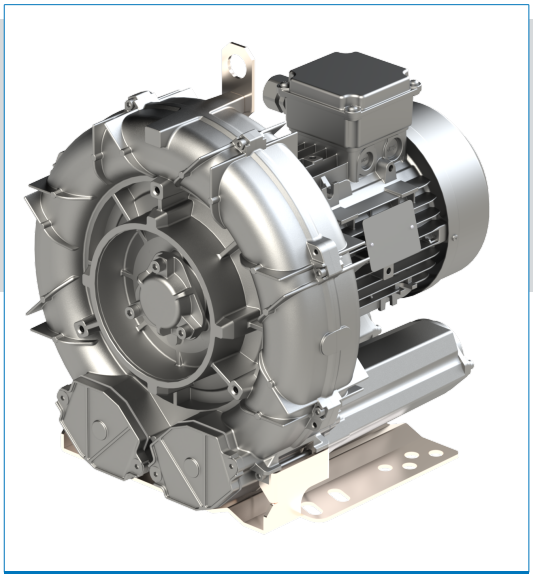


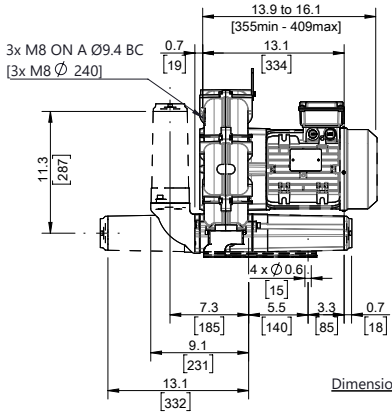
e06-MS

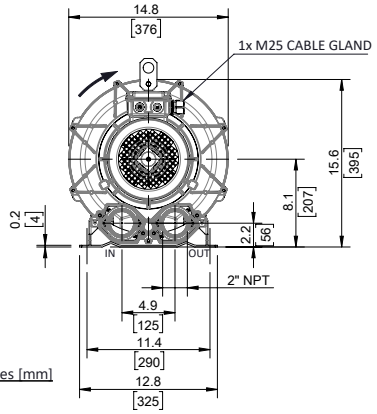
Evolution Series Technical Characteristics

- 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





Dimensions in inches [mm]

Technical Specifications

Model No.	hp	Hz	Open flow (cfm)	Max Pressure (in. H_2O)	Max Vacuum (in. H_2O)	Efficiency (%)	Voltage (V)	FLA (A)	Starting Current Ratio[1]	dB(A)[2]	Weight (lb)
SCL e06-MS-3-3	3	60	254	40	50	86.9	208-230/460	8.27-8.31/4.15	10.7	77	66
	3	50	205	70	70	85.9	200/400	9.6/4.8	8.5	69	66
SCL e06-MS-3-3-575	3	60	254	40	50	86.9	575	3	9.7	77	66
SCL e06-MS-4-3	4	60	254	70	80	88.7	208-230/460	10.9-11.1/5.53	11.0	77	82
	4	50	205	90	100	88.0	200/400	12.8/6.38	10.0	69	82
SCL e06-MS-4-3-575	4	60	254	70	80	88.9	575	3.94	10.1	77	82
SCL e06-MS-5.5-3	5.5	60	254	110	110	88.7	208-230/460	14.6-15.1/7.55	11.1	77	88
	5.5	50	205	130	110	88.1	200/400	17.7/8.86	9.6	69	88
SCL e06-MS-5.5-3-575	5.5	60	254	110	110	89.0	575	5.31	10.9	77	88
SCL e06-MS-6.2-3	6.2	60	254	130	-	90.1	208-230/460	16.5-16.4/8.2	12.5	77	90
	6.2	50	205	140	-	89.2	200/400	19/9.5	9.9	69	90
SCL e06-MS-6.2-3-575	6.2	60	254	130	-	90.3	575	6	11.3	77	90

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).

[1] Starting current ratio x fla = starting current

[2] Noise 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

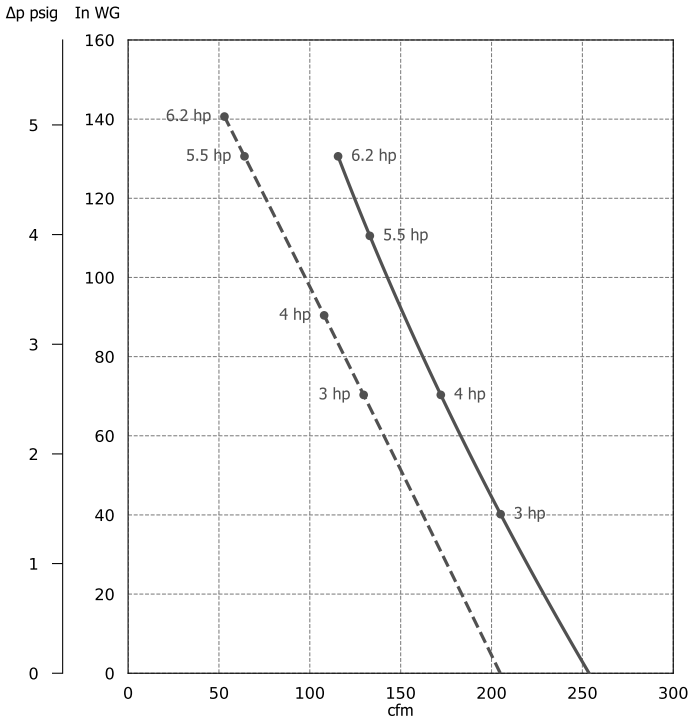
Description	Pressure Safety (Relief) Valve[3]	Vacuum Safety (Relief) Valve[3]	Pressure Filter	Vacuum Filter	Check Valve
Part Number	VRL8 (3 hp)	VRL8 (3 hp)	FS-231P-200	CSL-851-200HC	CV20
	VRL6 (4 hp–6.2 hp)	VRL6 (4 hp–6.2 hp)			

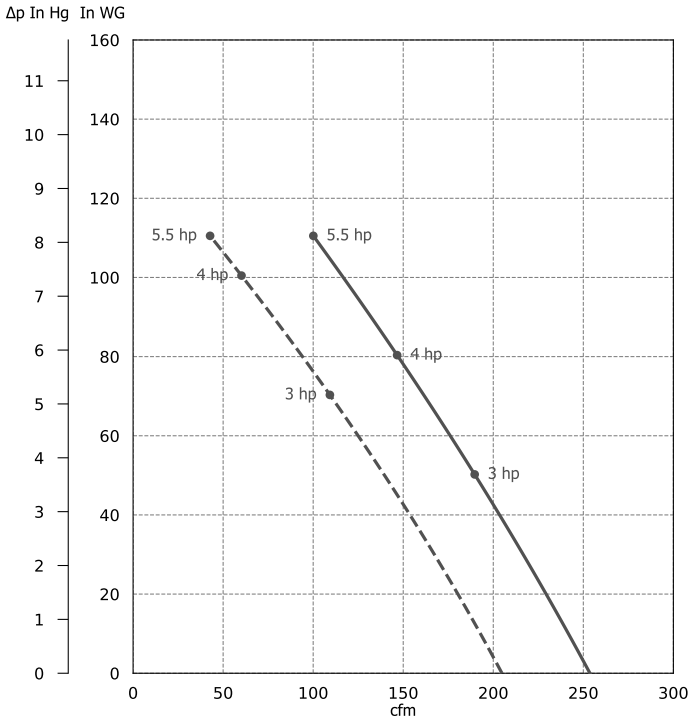
[3] Valve selections are based on 60 Hz and standard air. Valves are supplied uncalibrated. Safety valves are easy to calibrate, but can be ordered with factory calibration.

PRESSURE

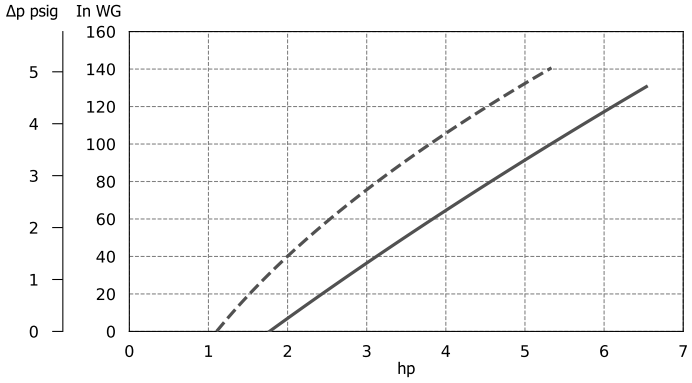
VACUUM

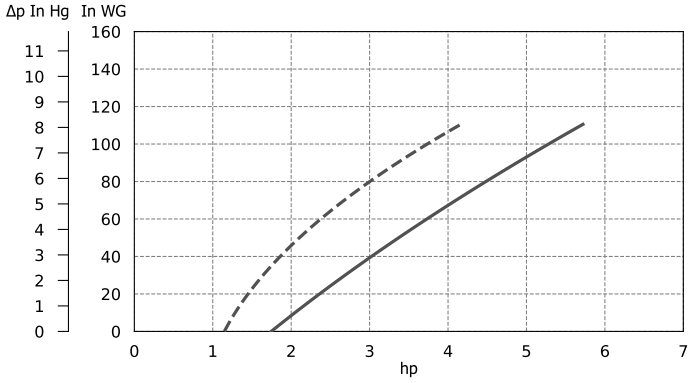
CAPACITY



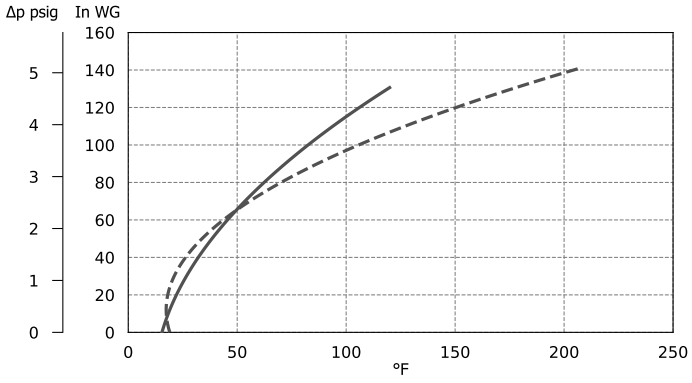


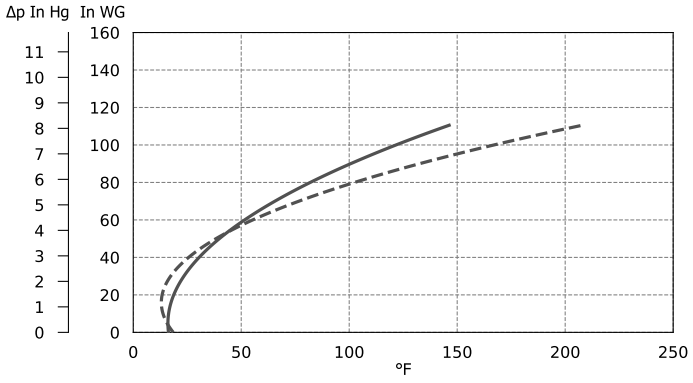
ABSORBED POWER





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