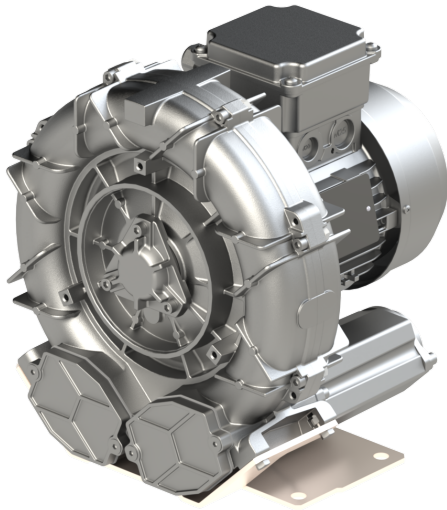




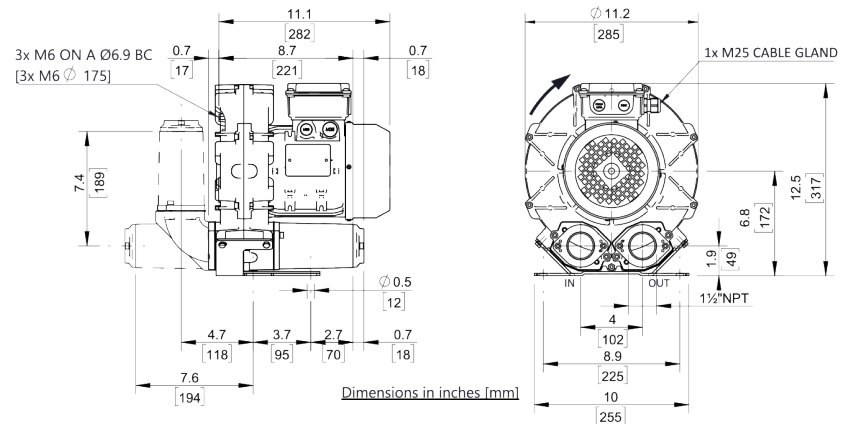
e04-MS

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 (V)	FLA (A)	Starting Current Ratio ¹	dB(A) ²	Weight (lb)
e04-MS-1.5-3	1.5	60	99	60	60	84.8	208-230/460	4.35-4.34/2.17	9.3	64	42
	1.5	50	81	80	80	83.9	200/400	4.92/2.46	8.0	62	42
e04-MS-1.5-3-575	1.5	60	99	60	60	84.8	575	1.74	9.3	64	42
e04-MS-2-3	2	60	99	80	80	86.0	208-230/460	5.77-5.74/2.87	9.4	64	57
	2	50	81	100	90	85.9	200/400	6.58/3.29	9.1	62	57
e04-MS-2-3-575	2	60	99	80	80	86.0	575	2.3	9.4	64	57
e04-MS-3-3	3	60	99	120	100	86.9	208-230/460	8.27-8.31/4.15	10.7	64	60
	3	50	81	100	90	85.9	200/400	9.6/4.8	8.5	62	60
e04-MS-3-3-575	3	60	99	120	100	86.9	575	3	9.7	64	60

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	VRL6	VRL6	FS-19P-150	CSL-849-150HC	CV15

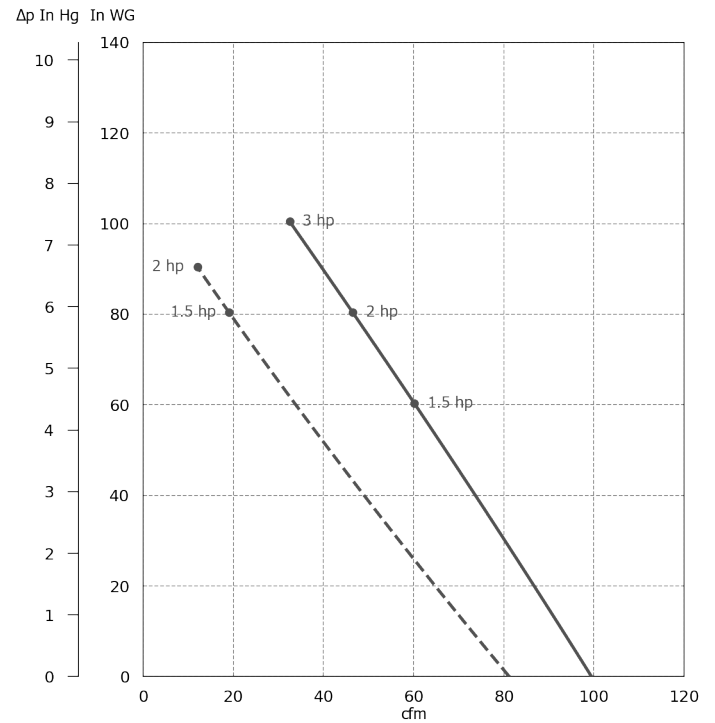
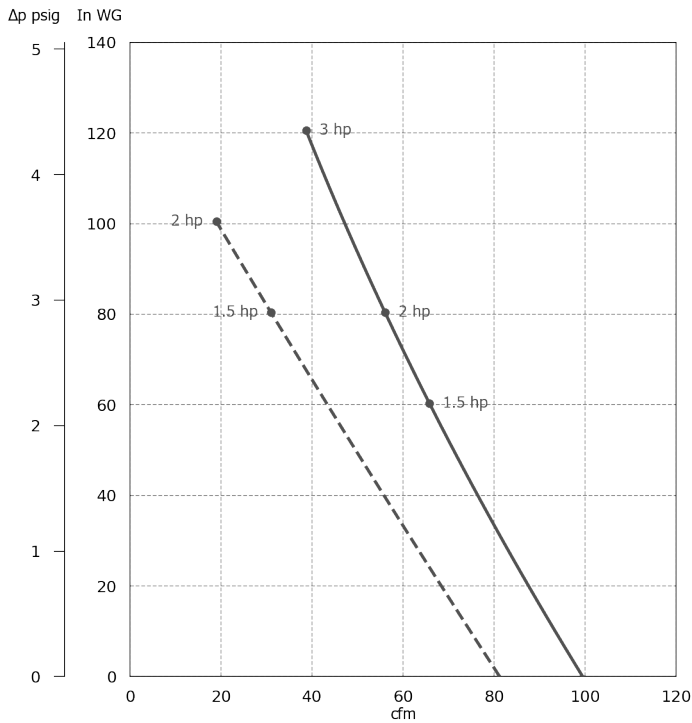
³ Valve selections are based on 60 Hz and standard air. Valves are supplied uncalibrated. Safety valves are easy to calibrate, but can be ordered with factory calibration.



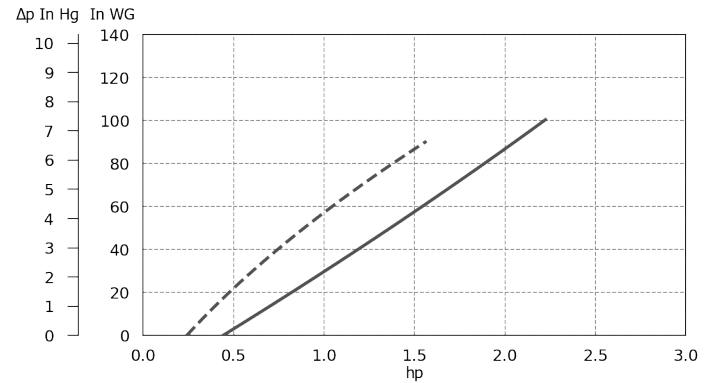
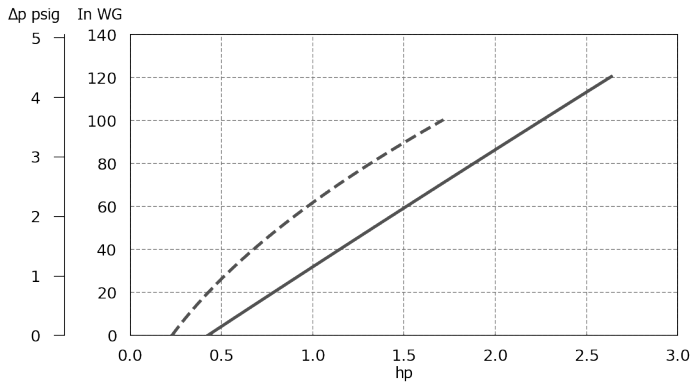
PRESSURE

VACUUM

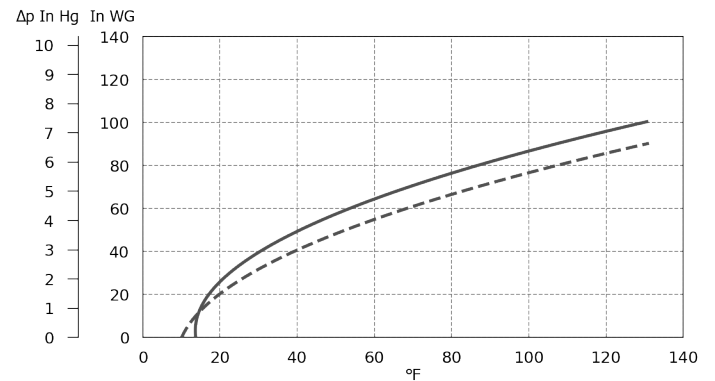
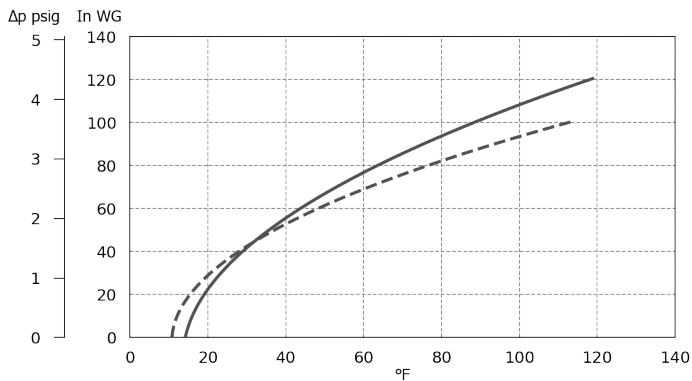
CAPACITY



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