



## e10-MS

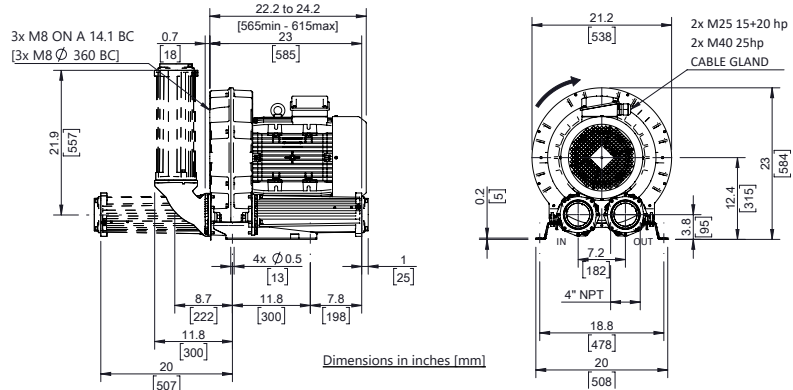
### Technical Specifications

#### 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 <sub>2</sub> O	Max Vacuum in. H <sub>2</sub> O	Efficiency	Voltage	FLA	Starting Current Ratio <sup>1</sup>	dB(A) <sup>2</sup>	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
		50	484	50	60	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
SCL e10-MS-10-3	10	60	584	50	60	90.2%	208-230/460	26.1-25/12.5	13	81	216
		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
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
		50	484	140	130	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
SCL e10-MS-20-3	20	60	584	160	130	91.7%	208-230/460	47.0 / 23.5	9.7	81	257
		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	257
SCL e10-MS-25-3	25	60	584	200	-	91.7%	208-230/460	62 / 31	12.5	81	335
		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

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).

<sup>1</sup>Starting current ratio x fla = starting current

<sup>2</sup>Noise 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.

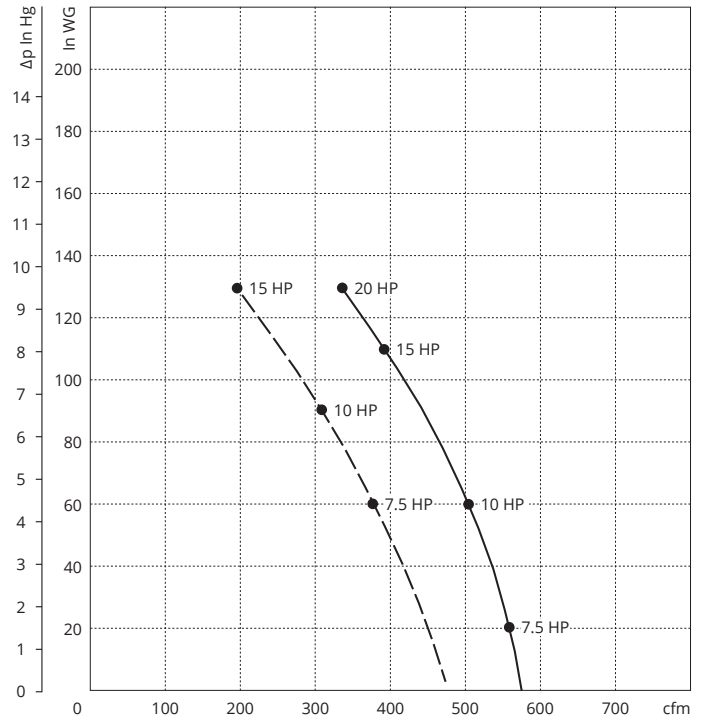
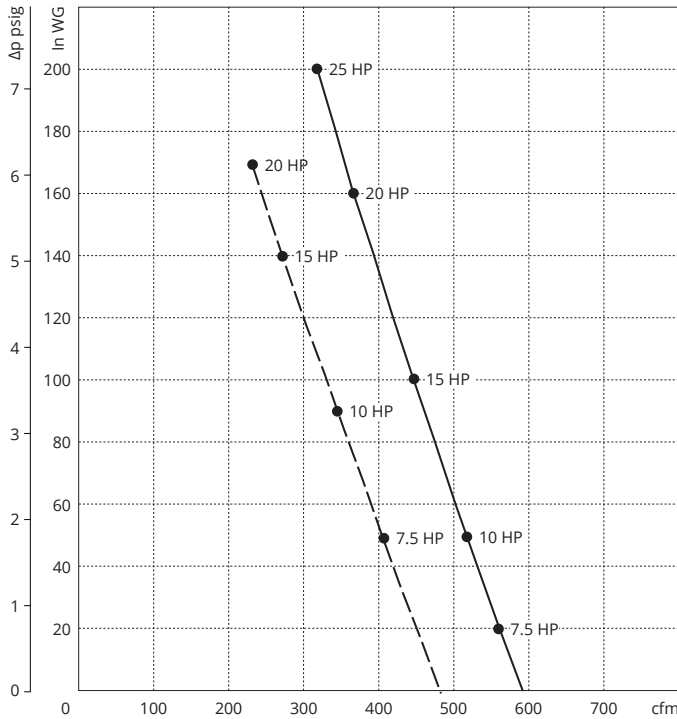
Description	Pressure Safety Valve	Vacuum Safety Valve	Pressure Filter	Vacuum Filter	Check Valve
Part Number	VRL9 (7.5&10 HP) <sup>3</sup>	VRL9 (7.5&10 HP) <sup>3</sup>	FS-235P-400	CT-235P-400C	CV40
	VRL8 (15 HP & 20 HP) <sup>3</sup>	VRL8 (15&20 HP) <sup>3</sup>			
	VRL6 (25 HP) <sup>3</sup>	-			

<sup>3</sup>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.

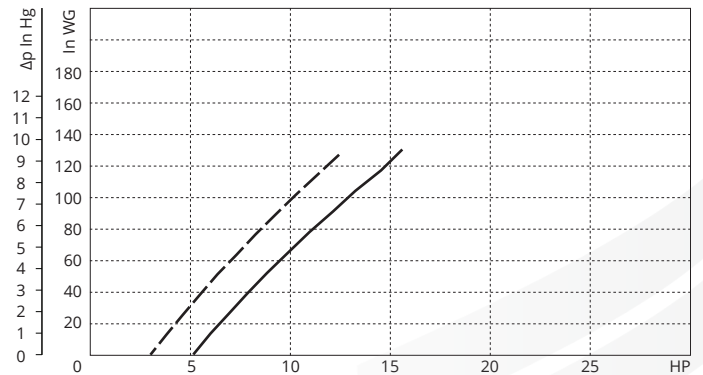
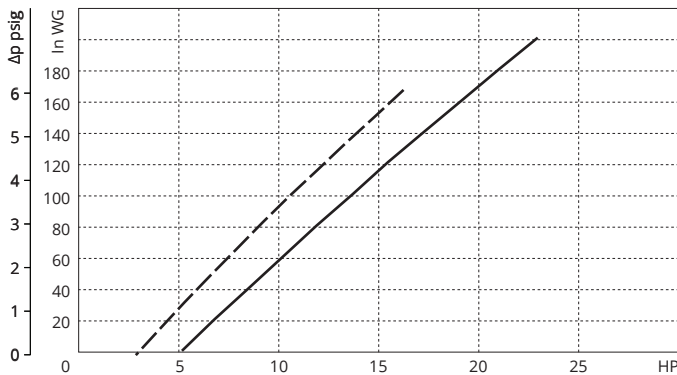
**PRESSURE**

**VACUUM**

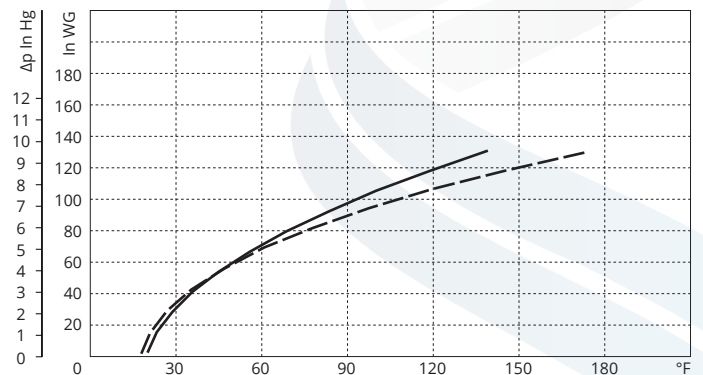
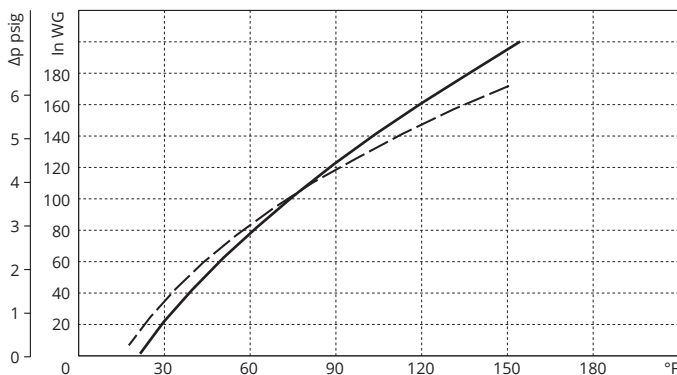
CAPACITY



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