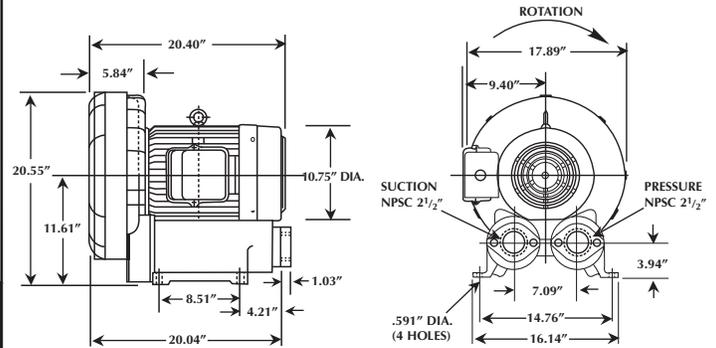




The VFC80 is a single-stage ring compressor with a maximum pressure of 135 in. H₂O, a maximum vacuum of 110 in. H₂O, and a maximum capacity of 388 SCFM. It comes complete with a direct-drive, 10 horsepower, TEFC motor capable of operating on a wide range of voltages, and on 50 or 60 Hz. A pilot-duty thermal protector is standard equipment on all 3-phase models. All versions have NEMA class B insulation, and are UL recognized, CSA certified, and CE. 575 Volt units are CSA certified only.



SPECIFICATIONS

| Model No. | | Hz | Voltage | Amps (Max. Rated) | Amps (Locked Rotor) | Max. Pressure in. H ₂ O | Max. Vacuum in. H ₂ O | Max. Airflow SCFM | Min. Airflow SCFM | Max. Temp Rise (ΔT) °F(°C) | Weight lbs.(kg) |
|-----------|------------|----|-----------------|-------------------|---------------------|------------------------------------|----------------------------------|-------------------|-------------------|----------------------------|-----------------|
| 3 Phase | VFC804A-7W | 60 | 200-240/400-480 | 26-23/13-11.5 | 144-160/72-80 | 135 | 110 | 388 | 135 | 137(75) | 287(130) |
| | | 50 | 190-230/380-460 | 18-19/9.0-9.5 | 164-190/82-95 | 100 | 83 | 320 | 88 | 137(75) | |
| | VFC804A-5W | 60 | 575 | 9.2 | 66 | 135 | 110 | 388 | 135 | 137(75) | 287(130) |

ACCESSORIES

| Description | Vacuum Relief Valve | Pressure Relief Valve | Inlet Filter | Inlet Filter Cover | Exhaust Silencer/Muffler |
|-------------|---------------------|-----------------------|--------------|--------------------|--------------------------|
| Model No. | VV8 | PV8 | F-89 | C-89 | VFY-028A |



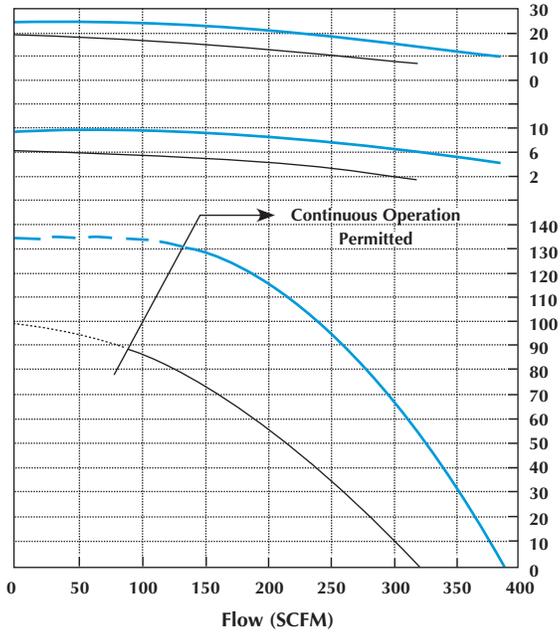
NOTE: Maximum allowable time at deadhead is 30 seconds.

VFC80 PERFORMANCE DATA

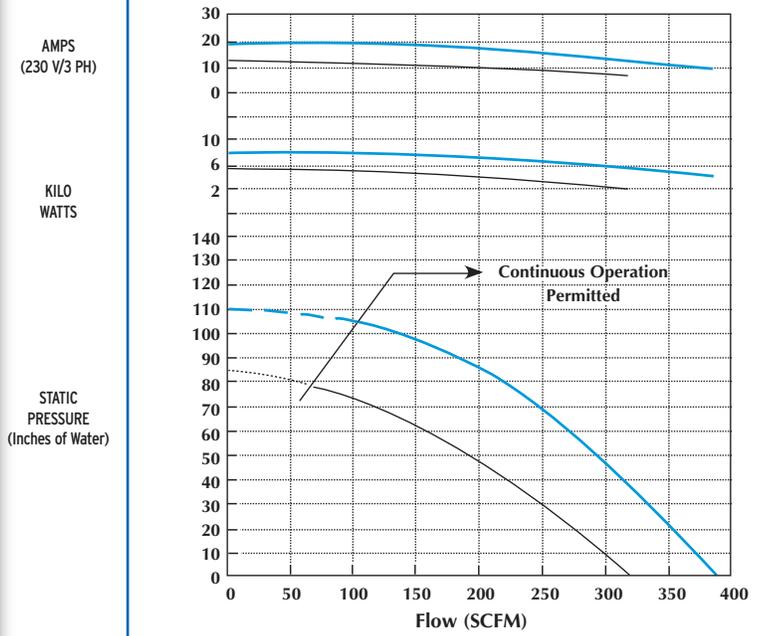
KEY

— 60 Hz
— 50 Hz

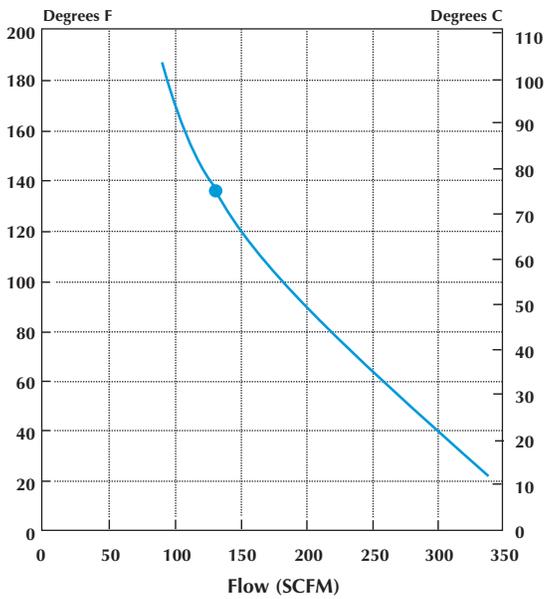
PRESSURE



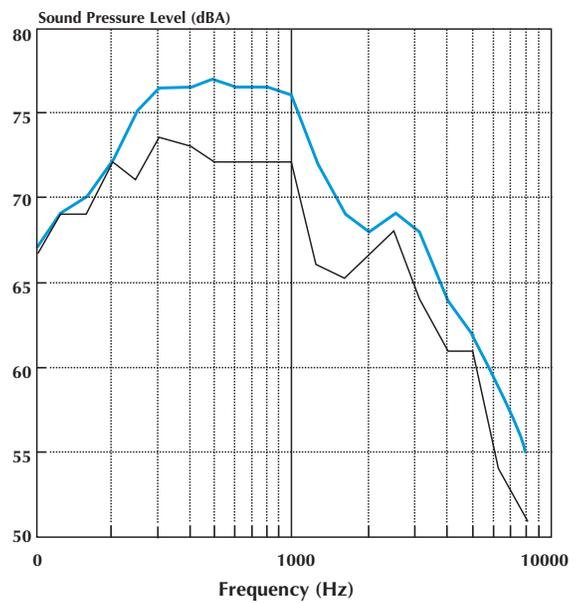
VACUUM



TEMPERATURE RISE



SOUND LEVEL



Max. Air Temperature is Value Marked • plus 40 Degrees C Ambient Temperature

*Measured at distance of 1.0 meter