

# OC-P1 Ozone Compressor



The OC-P1 compressor are completely oil-less and flexible component. This product design allows for a wide range of customization in flow, pressure performance, input power, port locations, accessories and more!



## OC-P1 TECHNOLOGY

The OC-P1 technology has the benefits of low vibration and sound when in use. This compressor is also corrosion resistant which is an added benefit when used in a moisturized area. The cool operation temperatures make this compressor safe to use for extended periods as well as electrically safe.

### SYSTEM FEATURES

- Thin-walled, hard coated anodized cylinder
- Oil-less, non-lube PTFE piston seal
- Permanently lubricated ball bearings
- UL recognized motor & thermal protector
- Balanced eccentric/connecting rod assembly
- Epoxy E-coated wetted components
- Stainless steel valves, retainers, and screws
- Die cast aluminum components
- Efficient 4.4" diameter motor
- Oversized front mounted 9-blade fan

### COMPRESSOR LIMITATIONS:

This is a lower cost version of a piston driven ozone gas compressor than our diaphragm compressors. Consider the following limitations and suggestions prior to implementing in to your application.

Limit output pressure to 30 PSI continuous to prevent leaking ozone gas from the piston

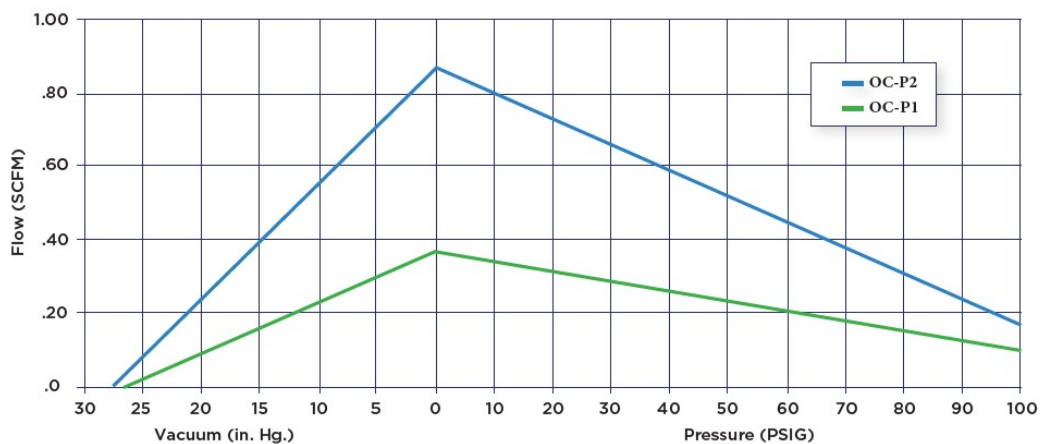
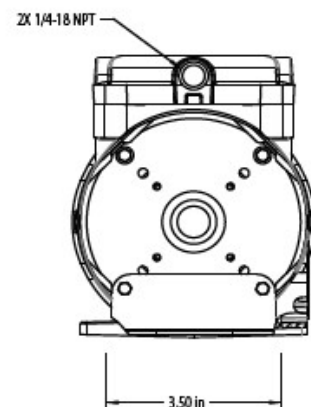
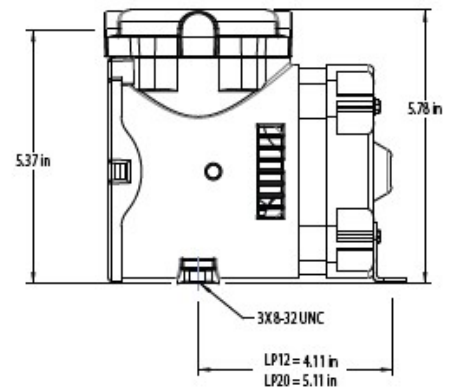
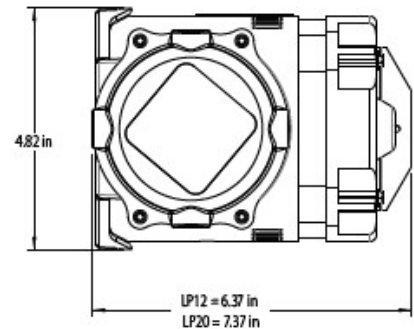
Limit ozone concentrations to below 5% by weight if used continuously, or 10% by weight intermittent

Dry ozone gas with a dew point of -40 deg F or lower should be used

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Model Number	OC-P1	OC-P2
Head Configuration	Pressure/Vacuum	Pressure/Vacuum
Free Air Flow	0.37 SCFM	0.87 SCFM
Max Continuous Pressure	70 PSIG	50 PSIG
Max Intermittent Pressure	100 PSIG	100 PSIG
Max Restart Pressure	100 PSIG	100 PSIG
Max Ambient Air Temp	104° F	104° F
Min Ambient Air Temp	50° F	50° F
Motor Voltage/Frequency	115V/60Hz	115V/60Hz
Motor Type	Shaded Pole	Shaded Pole
Current at Rated Load	3.8 Amps	4.6 Amps
Power at Rated Load	190 Watts	278 Watts
Starting Current	5.2 Amps	6.2 Amps
Min Full Load Speed	1610 RPM	1620 RPM
Thermal Protector	Yes	Yes
Net Weight	6.6 lb	9.3 lb



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