

# P4-ECO-Air Series

## Pneumatic Compressor Systems

The P4-ECO-Air Series, Self-Contained Compressor Systems, offers Autogas station operators, bulk plant and distribution systems a unique and reliable way to operate pneumatic controls, with little or no maintenance, and no ongoing cost of consumables (either compressed nitrogen, or tank pressure propane vapor).

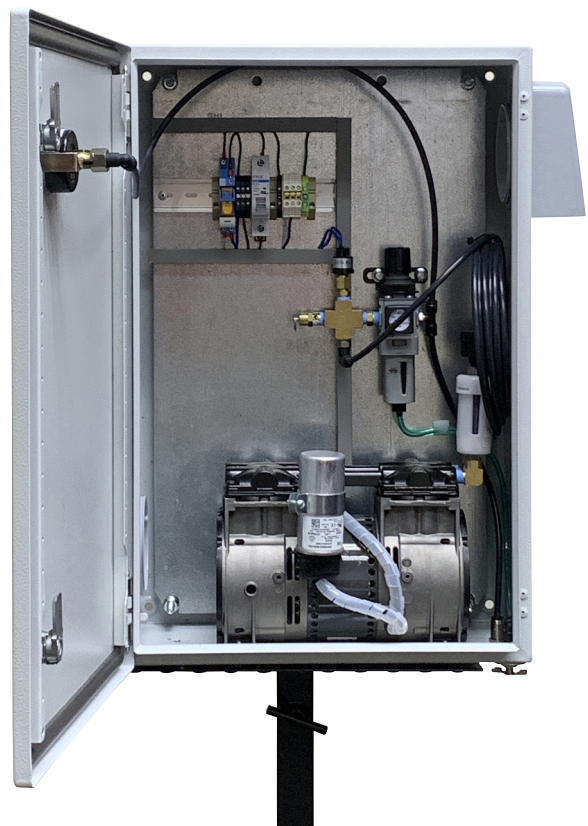
Offered in both a computer controlled, 100% maintenance free, or a basic mechanical, minimal maintenance unit, the Eco-Air provides High up-time and reliability in all operating conditions, from -49°F to +131°F, regardless of humidity. With an oil-free, 100% duty cycle Mil-Spec compressor, there is no compressor maintenance and low wear or general maintenance (severe conditions may require some basic general maintenance).

### P4-ECO-AIR



- Includes a 1 gallon reservoir to maintain sufficient stored volume of compressed air, to operate multiple pneumatic controls and actuators; up to 21 devices for the ECO-Air, with a 1.5 to 3 second opening time, depending on supply tubing length to control solenoid or actuators. Gauges showing the adjustable regulated output pressure, and operating status give a clear a quick confirmation of the unit status.

### P4-ECO-AIR-Lite



- Basic unit to service maximum 3-5 devices with sufficient pneumatic supply, a single power indicator lamp and single pressure gauge for regulated pressure setting.

## GENERAL SPECIFICATIONS:

Operating Temperature Range = -49°F to +131°F

Operating Voltage = 120vac 60Hz, or 220 vac 50Hz (specify when ordering)

Circuit Protection = 10 amp supplemental breaker (requires minimum 10 amp primary service breaker)

Enclosure = NEMA 4X / 12 / 13, Poly enclosure, metal enclosure is optional

Output Pressure range = 30-60 psi (2-4.5 bar) field adjustable

Reservoir Size = Eco-AIR unit is 1 US gallon (7.5 litres), ECO Air-Lite has no reservoir

Reservoir storage pressure = 80-120 PSI (5.5 – 8.5 bar)

### P4-ECO-AIR



Water Drain = Automatic, drain on compressor cycle  
Filtration = Intake and outlet – particulate and moisture  
Min pressure / recharge point = 40 psi  
Compressor Maintenance = NONE  
Storage Pressure = 0-100 psi gauge  
Regulated Outlet Pressure = 0-100 psi gauge  
Indicator Lamps = 1 lamp indicates unit is powered and operating

1 Lamp indicates fault, at 2 levels  
Low leak, under control to maintain air supply – Warning light on  
Large leak, uncontrollable, Red light flashes and unit is shut down

External Alarm Options = Visible beacon, audible alarm or both

### P4-ECO-AIR-Lite



Water Drain = Manual, daily  
Filtration = compressor intake and regulator output  
Min pressure/recharge point = 40 psi  
Compressor Maintenance = NONE  
Regulated Outlet Pressure = 0-100 psi gauge  
Indicator Lamps = 1 lamp indicates unit is powered and operating  
External Alarm Options = NONE

## Customized Applications Are Available

F127 05/19



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