



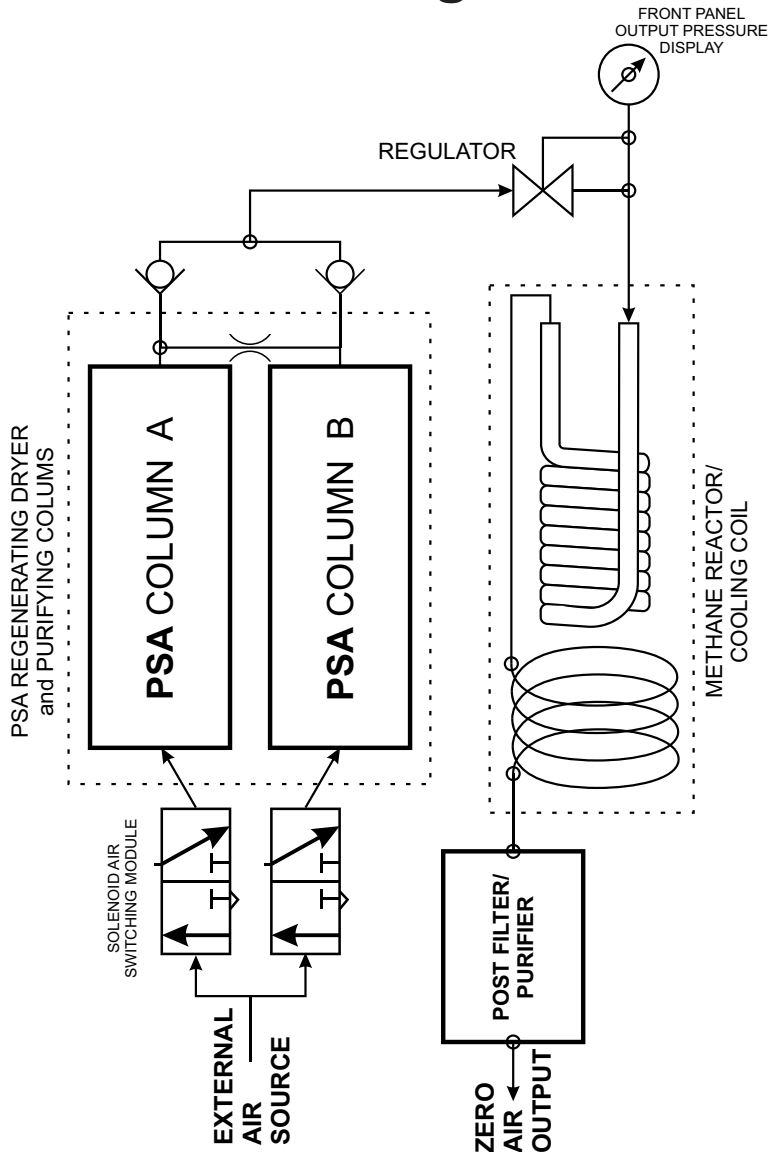
## 747-30 (30 SLPM)

Model	747.30
Zero Air Grade	Ultra Zero Air
Flow Rate Maximum	30 SLPM @90psi
Purification Technologies	PSA and Heated Catalytic Reactor
Purity Specifications	SO <sub>2</sub> < .5 ppb H <sub>2</sub> S < .5 ppb NO < .5 ppb NO <sub>2</sub> < .5 ppb NH <sub>3</sub> < .5 ppb O <sub>3</sub> < 1 ppb CO < 1 ppb Hydrocarbons < .5 ppb (Methane and Non-Methane)
Dewpoint	-50 °C
Electrical Requirements	115V, 60Hz (Model 747-10-A1) 220-240V, 50/60Hz (Model 747-10-A2)
Warranty	2 Year
Installation	Bench top or rack mountable
Dimensions (HxWxD)	8.625" (219mm) x 19" (483mm) x 17" (432mm)
Weight	41lbs (18.6kg)

\*no internal compressor

The 747 series is a compact, highly efficient ultra-zero air generator that converts ambient air to pollutant-free ultra-pure zero air. The unit employs a heated catalyst for hydrocarbon and CO removal and a pressure swing absorption system for contaminant and optional CO<sub>2</sub> removal. The unit is provided with accessories to be used in standard rack mounting or benchtop mounting. The 747 can be used in a variety of applications for the reliable generation of ultra-zero air.

## Flow Diagram



## Industries and Applications

- Automotive emission monitoring
- Gas Chromatography
- Oil and Natural gas
- Aerospace
- Laboratory instrumentation
- Calibration and Certification
- Environmental gaseous instrumentation
- Ultra-zero air generation
- Reliable generation of ultra-high purity zero air
- Economical replacement of zero air bottles

## 747 Series Model Matrix

