

Instrument Air



Why Instrument Air Conversion

It Eliminates Emissions

- ⚡ Pneumatic Venting accounts for **20% - 40%** of Methane Emissions in Oil and Gas Industry
- ⚡ Methane has **25x** higher Global Warming Potential than CO2

Upgrading is Easy

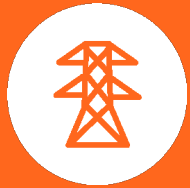
- ⚡ Utilize existing equipment. No device changes needed
- ⚡ Equipment easily integrates into existing systems and arrives ready to run

It Saves You Money

- ⚡ Savings from a reduction in carbon tax
- ⚡ Helps achieve sites emission compliance



Existing Power



Grid Power



Existing Generator



EZ-Air Lite



Clean, Dry Instrument Air

Power Source Needed



MX ~6kVA



8550 TEG -
500W

Power Source



Heat Recovery
Heat Trace/Building
Heating/Etc.



EZ-Air Lite



Clean, Dry Instrument Air



Excess Electricity
Site Electrification
Lights
Security / CCTV
SCADA



Impact of EZ Air Lite Instrument Air Conversion

	Before	After	Results
Pneumatic Device Driven	4.8 SCFM Natural Gas	4.8 SCFM Clean Air @ 60 psig	Same performance
Fuel Consumption	2,173Mscf/yr.	Grid Power: 0Mscf/yr MX Power: 350Mscf/yr	~\$5,000- 10,000USD fuel savings/yr
Emission from Venting	1,279 tCO2e/yr.	0 tCO2e/yr	~= 278 vehicles taken off the road
ROI	Negative	—————→	ESG: High Impact Reliability: High Affordability: >3yr ROI



EZ-Air Lite Reliability



EZ Air Lite

Up to 4.8 SCFM Continuous

350W- 1.3 kW

Simplex (1x) Compressor || Duplex (2x) Compressor
6 – Month Service Interval || 1 – Year Service Interval
Long Run Oil-Free Compressor

⚡ Input Voltage

24 VDC

120-240 VAC
60 Hz



Nominal Output Pressure

60-120 PSIG

Key Features:

- ⚡ Standby or Parallel Compressor Operation
- ⚡ Easy Transport ⚡ Power Limiting Mode



EZ-Air Lite Reliability



YTD 0min of Unexpected Downtime

- ✦ Redundant Compressor
- ✦ Standby or Parallel Operation of 2nd Compressor



Industry Leading Operation to Maintenance Ratio

- ✦ 1-Year Service Interval
- ✦ Oil-Free Rocking Piston Compressors



Works in the Harshest Climates

- ✦ Temperature Range: -40°C to +40°C
- ✦ Dew Point: -40°C
- ✦ Cold Start Capable: -40°C



Remote Startup, Operation, and Data Monitoring

- ✦ Air Flow Meter Makes Carbon Credit Reporting Easy
- ✦ Dry Contacts, Modbus and Remote Monitoring

