

SolAIR™ Compressor

Key Features

- Customizable settings to adjust pressures and motor speed. Data-logging capabilities to track runtime, duty cycle, and more
- Automation is compatible with SCADA through MODBUS connections
- Pressure range settings up to 90 PSI
- 1.0 SCFM at 40 PSI
- Can be mounted on the wall or on 12 Gallon ASME, 30 Gallon ASME, or CRN certified tanks
- Rated for Class 1 Division 1 Group C & D hazardous locations

PRODUCT OVERVIEW

The Trido SolAIR™ Compressor delivers reliable instrument air in a compact, energy-efficient design. With a small footprint and a maintenance-free PMAC motor, it provides steady performance for both off-grid and line power sites. Rated for Class 1 Division 1 hazardous locations, this emissions-free solution helps producers eliminate venting from pneumatic devices while maintaining precise control through its TSC-1000 controller.



MECHANICAL SPECIFICATIONS

Parameter	Dimensions (H x W x L)	Weight
Compressor	18.2" x 15.7" x 15.7"	60 lbs
On 12 gal Tank	33.0" x 12.6" x 27.0"	110 lbs
On 30 gal Tank	59.2" x 16.0" x 28.9"	160 lbs

Operating Temperature:
-40 to 40 °C

ELECTRICAL & CONTROL

Parameter	Value
Motor Type	PMAC 24V 3 Phase
Voltage Range	18 to 32 VDC (Nominal 24VDC)
Maximum Current	15 Amps
Controller Type	TSC-1000, VFD 24V
Communication Interface	RS485

PERFORMANCE DATA

Pressure (psi)	Flow Rate (SCFM)	Power Draw (W)
20	1.2	116
30	1.1	120
40	1.0	128
50	0.9	140

Compressor Energy Consumption

