

BLAIR ALL IN ONE



Solar Air Compressor - BLAIR ECO

Fit-For-Purpose design for marginal well needs, this fully turnkey, all inclusive, plug-and-play solution features a Blair ECO 550 oil-less compressor and integrated solar system. BLAIR air compressor system can support up to 100 psi instrument air supplies

BLAIR ECO 550





BLAIR ALL IN ONE

- Configured for 2 x panel (400+ watt); 6 x deep cycle battery
 (12V 100+ ahr)
- Max discharge pressure up to 100 psi
- Flowrate up to 2.75 cfm at 30 psi
- Daily Output: 1185 SCFD at 30 psi (30% duty cycle)
- -40F dew point dryer + Air Filter

BLAIR ALL IN ONE - MINI

The most cost-effective product with minimal maintenance required; compact, self-contained solar air compressor package engineered for efficient, rapid deployment, and reliable compressed air in remote, off-grid environments.

- Pair w/ 1 x panel (400+ watt); 2 x deep cycle battery (12V 100+ ahr)
- Max discharge pressure up to 100 psi
- Flowrate up to 2.75 cfm at 30 psi
- Daily Output: 594 SCFD at 30 psi (15% duty cycle)

Pressure (PSI) vs. Flow Rate (SCFM) 4 3.5 3 10 10 0.5 0 0 10 20 30 40 50 60 70 80 90 100 110 Discharge Pressure (PSIG)

Optimized Application

Ideal for low air demand in remote locations:

- 1-2 well pads
- Nominal Operating Condition: 24V DC input; 550W
- Requires NO LEAKS in the system
- Supporting snap-action pneumatic devices with low activation frequencies
- Can connect to line power with optional power supply
- Operation pression at < 40psi

