



Solar Air Compressor - ULTRA

The ULTRA 1500 is Blue Mountain Operations' most powerful, self-contained solar air compressor system. Engineered for high capacity, relentless reliability, and maximum autonomy, it's designed for rapid deployment in the most demanding remote and off-grid environments, utilizing dual solar skids for unparalleled energy independence. ULTRA air compressor system can support up to 100 psi instrument air supplies.



Key Features

- **Integrated Air Tank:** 30-Gallon capacity for extensive air buffer.
- **Advanced -40F dew point 5-Gallon drying system** with integrated bypass and air filter
- **Low Noise Application :** 65 decibels operating noise level at 3 ft from source
- **Oil-less compression & dryer** guarantees clean, dry air with no contamination
- **Daily air output:** 2160 SCFD at 30 psi (20% duty cycle)
- **Modularized design** allowing re-using and re-deployment to drive capital efficiency
- **Max discharge pressure** up to 100 psi
- **Flowrate** up to 7.5 cfm/unit at 30 psi



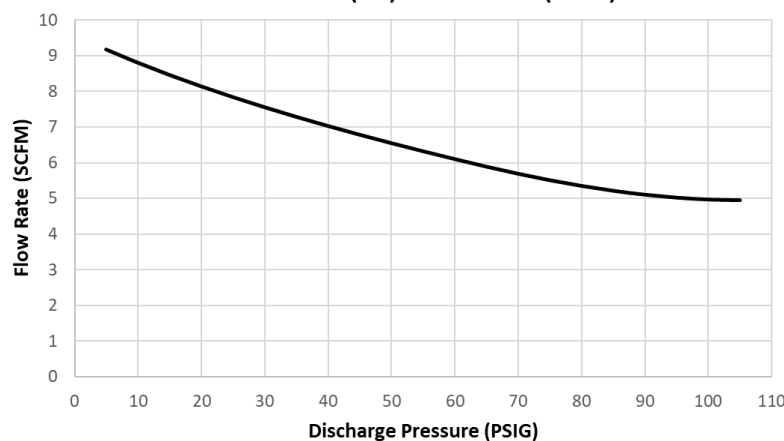
Optimized Application

Ideal for high demand instrument air applications in remote locations:

- **Multi - well pads** snap-action pneumatic devices with higher activation frequencies
- **Pair with 2x Blue Mountain Operations Solar Skids** to 2000W effective power
- **48V Power Architecture:** 4 x 400+ Watt panels & 16 x 12V deep-cycle batteries (8 per skid, 48V system).
- **Flexible Power Input:** Can also run on compatible AC to DC power supply or existing 48V DC battery banks.
- **Requires NO LEAKS** in the system



Pressure (PSI) vs. Flow Rate (SCFM)



Small Footprint : Compressor - 12" x 12" x 6.5" ; Full Skid - 2' x 3' x 4.5' (L x W x H)
Ultra Low Noise Application : 65 decibels operating noise level at 3 ft from source