



BLAIR ULTRA



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Solar Air Compressor - BLAIR ULTRA

The BLAIR Solar Powered Instrument Air Compressor features an innovative design with scalability to supply clean, dry instrument air. The small modular design allows scalability to maximize capital efficiency. BLAIR compressors are 100% solar powered and leverage a resilient low-maintenance PMAC motor and custom-built VFD controller that delivers high torque with low power consumption. This technology enables BLAIR's system to use a minimum solar footprint while reducing maintenance cycles. BLAIR air compressor system can support up to 120 psi instrument air supplies.

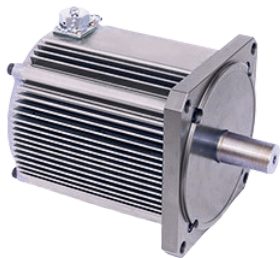


ULTRA 1200



ULTRA 1500

High Efficiency Motor Drive



- ❖ Only draws 10% of power to achieve similar torque output as compared to peers
- ❖ Permanent Magnet Asynchronous 3 Phase Brushless Motor – leader in motor efficiency
- ❖ Three phase AC motor with soft-start to minimize power loss and wear on equipment
- ❖ Soft start requires low Amp. High efficiency design reduce power requirement per CFM
- ❖ VFD control system with 10000 feedback per second – high precision, low power

Scalable Capacity



Compact Modular Design

- ❖ Oil-less compression & regeneratable dryer guarantees clean, dry air w/o contamination
- ❖ Max discharge pressure up to 120 psi
- ❖ Compression supports up to 8 cfm/ unit
- ❖ Modularized design allowing re-using and re-deployment to drive capital efficiency
- ❖ Climate controlled with solar fan, turn-key package for streamlined installation

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

