

## AUTO CASCADE

### SAFE AND AUTOMATIC CASCADE SCBA FILLING

The world leader in high pressure breathing air is proud to offer the premier method of automatically cascading your air storage system. The system utilizes our patent pending manifold block with integral valve bodies. Couple this with a commercially available PLC controller and you have the simplest cascade system available in the marketplace today.

- › **FOUR TO ONE SAFETY FACTORS:**  
All components are manufactured for 7000 PSIG service
- › **12 OR 115 VOLT OPERATED:**  
Simply specify at the time of order
- › **MANIFOLD INTEGRATION:**  
On any manufacturers cascade system

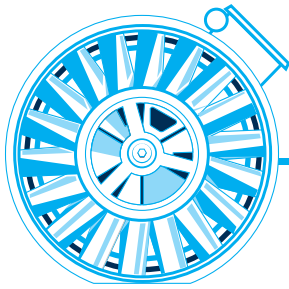


## STANDARD SCOPE OF SUPPLY

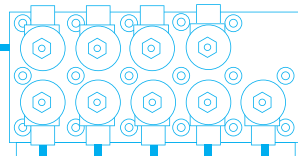
- › Corrosion resistant high strength aluminum alloy manifold block
- › Programmable Logic Controller for simplistic operation and heightened accuracy
- › No adjustable shuttle valves
- › LED indication as to which cascade cylinder is being utilized
- › The system can be utilized on either stationary or mobile cascade systems
- › A preset pressure bias of 0 PSIG can be adjusted to allow for quicker switch over time from one bank to another
- › Pressure sensing by transducers rather than sequential valves, provides greater accuracy without leaks or pressure drift
- › A bypass circuit is incorporated into the system allowing the storage system to be bypassed. This enhancement allows for more effective hose reel operation or possibly filling a mobile cascade system from a stationary system
- › Can be installed onto any existing fill station or wall mounting

## SAFETY AND ADDED VALUE

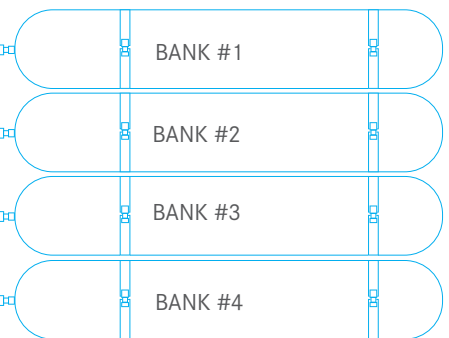
› BAUER COMPRESSOR



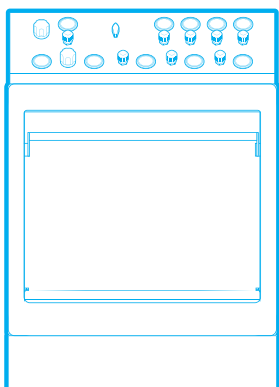
› AUTO CASCADE



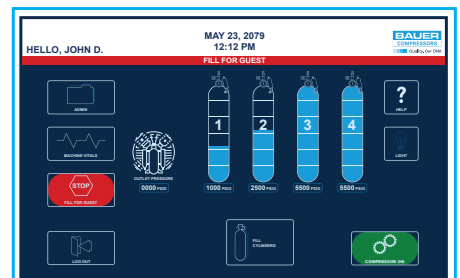
› BREATHING AIR STORAGE



› CONTAINMENT FILL STATION



› PLC OPERATOR INTERFACE



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