

5.0 – 10 HP • 5000 / 6000 PSIG

*miniUNICUS is our new budget minded integrated breathing air cylinder recharging system for recharging high or low pressure SCBA or SCUBA cylinders. The integrated system design combines a BAUER three or four stage high pressure compressor, BAUER breathing air purification system, air storage system, cascade fill panel and containment fill station. It might be smaller than our UNICUS III Series Cylinder Recharging Systems, but miniUNICUS is not short on features.*



**MINI-UNI/13H-E3**  
Electric Motor Drive



**Cascade Fill Control Panel**  
with Air Flow Schematic



**Air Storage**

**STANDARD FEATURES – 5000/6000 PSIG**

- Hinged Gauge Panel with Final Pressure Gauge, Storage Pressure Gauge, Oil Pressure Gauge and Individual Fill Position Pressure Gauges
- E-Stop Button
- UL® Listed Electrical Panel

- PLC Controller with NEMA 4 Electrical Enclosure
- Smart Pad Operator Interface Console with 4-Line Text Display
- Priority Refill System with Storage Bypass Valve
- Automatic Condensate Drain (ACD) System
- Condensate Reservoir with Automatic “Full” Indication and Compressor Shutdown
- Compressor Low Oil Pressure and High Temperature Safety Shutdowns
- Two (2) DOT Code Stamped Air Cylinders Installed in an Integral Rack
- Sound Attenuating Enclosure with Slam-Action Latches and Lift-Off Type Hinges
- Two Position Containment Fill Station accommodates SCBA or SCUBA Cylinders up to 31" Overall Length
- BAUER Purification System with SECURUS® Electronic Moisture Monitoring and Text Message Display

MODEL	NUMBER OF STAGES	CHARGING RATE SCFM*	FAD **	HP	RPM	PURIFICATION SYSTEM	DIMENSIONS L - W - H INCHES	WEIGHT LBS.
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**5000 PSI SERVICE**

MINI-UNI/6-E1/E3	3	6.0	5.0	5.0	1250	P2 SECURUS	72 - 34 - 70	2180
MINI-UNI/8-E1/E3	3	8.4	7.0	7.5	1250	P2 SECURUS	72 - 34 - 70	2180

**6000 PSI SERVICE**

MINI-UNI/5H-E1/E3	3	5.0	4.0	5.0	1050	P2 SECURUS	72 - 34 - 70	2200
MINI-UNI/10H-E1/E3	4	9.7	8.1	7.5	1180	P2 SECURUS	72 - 34 - 70	2300
MINI-UNI/13H-E1/E3	4	13.0	10.8	10.0	1420	P2 SECURUS	72 - 34 - 70	2230

\*Based on recharging an 80 cubic foot tank from 500 to 3000 PSIG.

\*\*Compressor capacity referenced to standard inlet conditions.

E1 = Single Phase Electric, 230 VAC/60 Hz E3 = Three Phase Electric, 230/460 VAC/60 Hz.

Other voltages available on request.

Dimensions and weights are approximate and are subject to change.

**OPTIONAL FEATURES**

- 75' High Pressure Reel Mounted on the Outside of Cabinet
- ASME Air Storage Cylinders
- CO Monitor
- Additional Air Storage Cylinders