



## COLTRI BREATHING AIR SYSTEM:

### The Breathing Air System Firefighters Depend On To Save Lives

SCBAS INC pleased to offer a complete breathing air system. The system is loaded with premium features. The system includes the compressor, an NFPA two position fill enclosure, control panel, four 6000 PSI cascade bottles, carbon monoxide multigas monitor, freight, installation and in-service training. For complete details, please contact us.

## SILENT HD Compressor



- SILENT cabinet with excellent soundproofing and insulation designed to drop below the 70 dB threshold while in service.
- 10 horsepower motor – Single or 3-phase power
- Equipped with the most powerful 4-stage compressor, oil pump, adjustable auto stop, auto-condensate moisture drain system, interstage gauges and intercoolers. Max pressure 6000 psi.
- Filtration system has 2 anodized aluminum hyper filters for producing grade E air. Cartridge #1 is drying agent; Cartridge #2 is molecular sieve, activated carbon and co-catalyst. Filter life: approximately 40 hours of run time.
- Control panel and electrical switchboard include start/stop, fault indicators, hour meter, and air monitoring levels.
- Electrical switchboard includes the SAM Multi-gas for monitoring carbon monoxide, carbon dioxide, and moisture. Monitoring system performs self-calibration.
- Set-up air-test for grade "E", NFPA testing (SCUBA and SCBA AIR)
- Overall dimensions of the compressor shall not exceed 36.8"(W) x 51.3"(D) x 51.3"(H), 963 LBS
- Performance – 1 Phase – 14.1 CFM / 3 Phase – 15.9 CFM
- All electronics UL Certified

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**Helping you breathe a little easier.**

## Armour SSX2 Fill Containment



- Fill station designed for filling two (2) SCBA cylinders simultaneously or separately. SCUBA cylinder with a maximum height of 30-½" and a maximum diameter of 7-¾", including service valve, boot and fill attachment. Designed to contain the impact of suddenly expanded high pressure air and all displaced fragments in the unlikely event of a cylinder or fill component rupture.
- Four bank air control panel with "To" and "From" bank controls with gauge per bank, supply pressure gauge adjustable high-pressure regulator, regulated pressure gauge, by-pass valve for direct SCBA/SCUBA refilling, fill control valve for refilling SCBA/SCUBA cylinders, SCBA/SCUBA cylinder vent control valve, and regulated auxiliary outlet with control valve and CGA fitting.
- Performance-proven "air lock" access door design and balanced cylinder fill enclosure forward tilt rotation enhances operator comfort.
- The breathing air storage system shall be integral and include four cylinders, plumbing and hardware installed in accordance with all current ASME or UN/ISO codes,
- UL® Certified two SCBA containment design fill station, subjected to unannounced periodic inspections and meet NFPA 1901 2016 edition rupture containment requirements.
- Overall dimensions of the fill station including up to four integral air storage cylinders shall not exceed 37-½"(W) x 34"(D) x 75"(H), 2050 LBS

## System Installation

The system includes the delivery, installation and training of the designated personnel on the operation and general maintenance of the system. It will be the responsibility of the customer to have all of the electrical supply lines run to a disconnect box near the compressor location. SCBAS will then connect the compressor to the disconnect box and complete the installation and make final adjustments.

*Helping you breathe a little easier.*

Phone: 800-747-7442 • 309-444-7442 • Email: [sales@scbas.com](mailto:sales@scbas.com) • Fax: 309-444-3180 [scbas.com](http://scbas.com)