

ACCESSORIES

SYSTEM COMPONENTS



AIR PURIFICATION

BAUER Air Purification Systems purify high pressure air to a quality that meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, ANSI/CGA G-7.1, Commodity Specification for Air, Grade E, and all other recognized standards for breathing air.

UP TO 6000 PSI SERVICE

PURIFICATION SYSTEM	AIR PROCESSING CAPABILITY*
P0**	3,200 cu. ft.
P2	40,000 cu. ft.
P2 SECURUS	67,000 cu. ft.
P5	90,000 cu. ft.
P5 SECURUS	150,000 cu. ft.
P10	140,000 cu. ft.
P10 SECURUS	230,000 cu. ft.
P12 SECURUS*	420,000 cu. ft.
P14 SECURUS*	650,000 cu. ft.

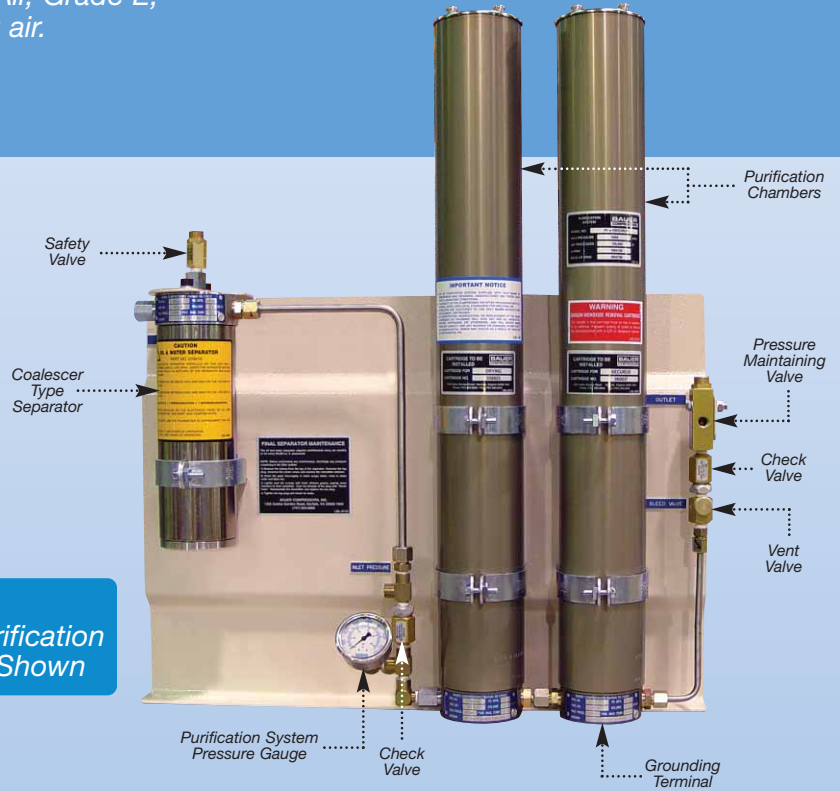
PURIFICATION SYSTEM	AIR PROCESSING CAPABILITY*
P31**	11,760 cu. ft.
P41	28,700 cu. ft.
P41S	47,000 cu. ft.
P42	64,000 cu. ft.
P42S	107,000 cu. ft.
P43	100,000 cu. ft.
P43S	164,000 cu. ft.

* P12 and P14 only available with SECURUS.

+ Air Processing Capability based on standard inlet conditions, 68° F., a Pressure of 14.70 psia and a relative humidity of 36% (0.0750 density).

** 5000 PSI Maximum Pressure, Triplex Design is not incorporated on a panel.

P5
Air Purification
Panel Shown



SECURUS II – Purification Moisture Monitoring for Pure Breathing Air



SECURUS II ensures 100% utilization of the air processing cartridges because the moisture sensor is embedded directly in the molecular sieve. The SECURUS cartridge, with its moisture sensor, is the last cartridge in the air processing system. SECURUS II is powered from the PLC Control System and provides for automatic warning and shutdown when the SECURUS cartridge becomes saturated. The SECURUS II can be mounted locally to the SECURUS cartridge chamber or to the compressor's control panel. SECURUS II is available for working pressures from 2000 – 6000 PSIG and flow rates to 125 SCFM.