

## SECCANT HEATLESS REGENERATIVE DRYER SYSTEMS FOR BREATHING AIR

Jordair breathing compressors and air filter systems meet or exceed the latest CSA Standard CAN/CSA-Z180.1-00 (approved January 2001).



### Jordair QC Program

- ISO 9001:2008 Cert. 97-544
- CSA Cert. No. LR77799
- B&PV Licence MA-2007

### System Features:

- Lifetime Filter Chambers
- Two Year Cartridge Life
- Corrosion Protected

### Block Features:

- Jumbo Cartridges
- Oil, CO, H<sub>2</sub>O Cartridge
- Extended Cartridge Life

### TECHNICAL DATA FOR 5000 & 6000 PSIG SECCANT SYSTEM

FILTER SYSTEM	MAXIMUM PRESSURE	MAXIMUM FLOW	PROCESS CAPACITY	WEIGHT (KG)	SIZE (CM) H x D x W
SECCANT IIIA-5	5000 PSIG	55 SCFM	2 year cartridge	180 KG	110 x 24 x 110
SECCANT IIIA-6	6000 PSIG	55 SCFM	2 year cartridge	200 KG	110 x 24 x 110
SECCANT IVA-5	6000 PSIG	125 SCFM	2 year cartridge	400 KG	140 x 26 x 128
SECCANT IVA-6	6000 PSIG	125 SCFM	2 year cartridge	450 KG	140 x 26 x 128

JORDAIR – “RELIABILITY & SAFETY” – BAUER  
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### STANDARD FEATURES

- A formed panel mounted filter system with 2 ½” dual scale gauges to monitor pressure.
- CRN certified final oil moisture separator with high efficiency coalescing element
- CRN certified safety relief valve mounted on the separator
- CRN certified check valve mounted on the separator
- The Bauer CRN certified oil and water separator and the purifiers are produced from A.S.M.E. A106 steel material and nickel plating ensures corrosion protection and lifetime service.
- CRN certified pressure maintaining valve set at 2,800 PSIG to maintain pressure in the filter and optimize the filter cartridge life.
- The complete purification system is CSA certified under the Jordair certificate number LR77799.
- The breathing air quality meets/exceeds the current CSA standard CAN3-Z180.1-00.
- The dual tower cartridges have a minimum life of two years of continuous operation.
- Bauer technology valves provide a long efficient service life with low maintenance.
- Regeneration cycle requires a low 5% of the air flow for efficient desiccant bed regeneration.

### AVAILABLE OPTIONS:

- Model JCOM-5 Electronic Carbon Monoxide (CO) Monitor with digital display of CO level and Model JCOM-H pressure reducing regulator system with relief valve for the CO monitor.
- Model N19097 final oil and water separator cycle counter of the automatic drain cycles.
- Model AIR-KOOL refrigeration system for the final discharge air to lower the dew point to - 30°C before entering the filter system and extend the filter cartridge life 600% with an improved air quality.
- CRN certified Automatic Condensate Drain System to drain accumulating compression liquids during compressor operation and at shut down.
- Condensate drain collection tank to contain the compression liquids for disposal.
- Bauer Securus Moisture Monitoring system with a warning light, which is actuated 2 to 7 hours before the cartridge is spent to warn of air quality decline. The moisture monitor will alarm and shutdown the compressor system when the air quality is approaching the maximum moisture content allowed under the CSA standard.
- Soda-sorbs cartridges are available for use in areas where a high level of ambient CO is present

### **JORDAIR IS ISO 9001:2008 CERTIFIED**

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