JORDAIR FILTRATION SYSTEMS

Jordair QC Program	Filter Design Features:	Cartridge Features:
• ISO 9001:2015	• Lifetime Filter Chambers	• Sealed Cartridges
• CSA Cert. No. LR77799	• Corrosion Protected	• Oil, CO, H_2O Cartridge
• B&PV Licence MA-2007		• Extended Cartridge Life

**Jordair breathing compressors and air filter systems meet
or exceed the latest CSA standard CAN/CSA-Z180.1-19**

NOTE: Jordair reserves the right to change models or scope of supply at its own discretion and without notice; obtaining current factory technical product descriptions is recommended

BREATHING AIR FILTER SYSTEMS

7300 PSIG STANDARD FILTRATION SYSTEMS

FILTER SYSTEM	MAXIMUM PRESSURE	MAX FLOW	PROCESS CAPACITY	CARTRIDGES*	WEIGHT	SIZE (IN) H x W x D
JBP11-7300-6	7300 PSIG	15 SCFM	21,800 FT^3	58821	88 LBS	32" x 36" x 8"
JBP41-7300-6	7300 PSIG	20 SCFM	47,600 FT^3	67224	130 LBS	36" x 36" x 8"
JBP41-7300-6-S	7300 PSIG	20 SCFM	56,500 FT^3	61687	130 LBS	36" x 36" x 8"
JBP51-7300-6	7300 PSIG	40 SCFM	95,200 FT^3	67224, 62504	175 LBS	36" x 44" x 8"
JBP51-7300-6-S	7300 PSIG	40 SCFM	104,200 FT^3	61687, 62504	175 LBS	36" x 44" x 8"
JBP61-7300-6	7300 PSIG	30 SCFM	79,000 FT^3	58827	155 LBS	44" x 36" x 8"
JBP61-7300-6-S	7300 PSIG	30 SCFM	85,450 FT^3	60037	155 LBS	44" x 36" x 8"
JBP81-7300-6	7300 PSIG	50 SCFM	186,000 FT^3	58827, 58825	190 LBS	44" x 44" x 8"
JBP81-7300-6-S	7300 PSIG	50 SCFM	188,200 FT^3	60037, 58825	190 LBS	44" x 44" x 8"
JBP91-7300-6	7300 PSIG	60 SCFM	286,000 FT^3	58827, 58825 (2)	220 LBS	44" x 54" x 8"
JBP91-7300-6-S	7300 PSIG	60 SCFM	288,780 FT^3	60037, 58825 (2)	220 LBS	44" x 54" x 8"
JBP101-7300-6	7300 PSIG	80 SCFM	372,000 FT^3	58827, 58825 (3)	250 LBS	44" x 54" x 8"
JBP101-7300-6-S	7300 PSIG	80 SCFM	376,000 FT^3	60037, 58825 (3)	250 LBS	44" x 54" x 8"

*All Standard filtration systems use the FC-1008-SE separator element

FILTRATION SYSTEM DESCRIPTIONS

JBP11-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 1 x JBF-7300-6-16 (Filter Only, 22" Tower)
JBP41-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 1 x JBF-7300-6-22 (Filter Only, 22" Tower)
JBP51-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 2 x JBF-7300-6-22 (1 x Dryer, 1 x Filter, 22" Towers)
JBP61-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 1 x JBF-7300-6-32 (Filter Only, 32" Tower)
JBP81-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 2 x JBF-7300-6-32 (1 x Dryer, 1 x Filter, 32" Towers)
JBP91-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 3 x JBF-7300-6-32 (2 x Dryers, 1 x Filter, 32" Towers)
JBP101-7300-6	Consists of 1 x JS-7300-A-1008 Separator & 3 x JBF-7300-6-32 (2 x Dryers, 1 x Filter, 32" Towers)

JUMBO FILTER SYSTEMS

5400 & 6400 PSIG JUMBO FILTRATION SYSTEMS

FILTER SYSTEM	MAXIMUM PRESSURE	MAX FLOW	PROCESS CAPACITY	CARTRIDGES*	WEIGHT	SIZE (IN) H x W x D
JP121-5400-9.5	5400 PSIG	150 SCFM	353,100 FT^3	67097, 67099	180 KG	51" x 33" x 10"
JP141-5400-9.5	5400 PSIG	150 SCFM	658,884 FT^3	67097, 67099 (2)	248 KG	51" x 50" x 10"
JP121-6400-9.5	6400 PSIG	150 SCFM	353,100 FT^3	67097, 67099	180 KG	51" x 44" x 10"
JP141-6400-9.5	5400 PSIG	150 SCFM	658,884 FT^3	67097, 67099 (2)	248 KG	51" x 50" x 10"

*All Jumbo filtration systems use the FC-2008-SE separator element

JUMBO FILTRATION SYSTEM DESCRIPTIONS

JP121-5400-9.5	Consists of 1 x JBF-7300-6-22 Separator & 2 x JBF-6400-9.5-BRL-35 (Filter Only, 35" Jumbo Tower)
JP141-5400-9.5	Consists of 1 x JBF-7300-6-22 Separator & 3 x JBF-6400-9.5-BRL-35 (Filter Only, 35" Jumbo Tower)
JP121-6400-9.5	Consists of 1 x JBF-7300-6-22 Separator & 2 x JBF-6400-9.5-BRL-35 (Filter Only, 35" Jumbo Tower)
JP141-6400-9.5	Consists of 1 x JBF-7300-6-22 Separator & 3 x JBF-6400-9.5-BRL-35 (Filter Only, 35" Jumbo Tower)

STANDARD FEATURES

- A formed steel powder coated panel mounted filter system
- Stainless steel tube and stainless steel fittings rated for 7300 PSIG
- CRN certified final oil/moisture separator with high efficiency coalescing element
- CRN certified safety relief valve mounted on the separator
- CRN certified check valve after the final separator stops back flow through the filter.
- 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-Z180.1-13.
- Jordair chamber accept Bauer standard and Securus cartridges as well as the "JB" class of Jordair cartridges.
- When adding a Securus system, the purification model has "S" added to it and the drying and purifying capacity may increase by 15% to 20% due to the dew-point monitoring of the cartridge and changing ambient temperatures.

FILTRATION UPGRADE OPTIONS

- 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.

SECURUS MOISTURE MONITORS

N15096	Bauer Securus Moisture Monitor - 12-22 VDC
N27286	B-Timer - P21, P31, JBP41 Cartridges

FILTER CHAMBER CAP REMOVAL TOOLS

J-FW-P-SOCKET	Chamber Wrench - Socket Type

SEPARATOR ASSEMBLIES AND FITTINGS KITS

7300 PSIG SEPARATOR ASSEMBLIES

JS-7300-A-1008	Separator - 60 SCFM, 7300 PSI, c/w 1008-SE element

J-SEP-FITTINGS-KIT-1	Fittings Kit for Separator - 1/4" Tube for Inlet and Outlet, 1/4" Tube for Drain
J-SEP-FITTINGS-KIT-2	Fittings Kit for Separator - 3/8" Tube for Inlet and Outlet, 1/4" Tube for Drain

205-6901 72 St.
Delta, BC V4G 0A2 Canada
At Jordair Unsurpassed Quality and Customer Safety is our DNA
Phone/Fax: 1-604-940-8101
Website: www.jordair.ca

BARE FILTER CHAMBERS

1100 & 6400 PSIG FILTER CHAMBER

JBF-1100-6.5-33	Jumbo Filter Chamber - 1100 PSIG, 33" Barrel
JBF-6400-9.5-BRL-35	Jumbo Filter Chamber - 6400 PSIG, 35" Barrel

7300 PSIG FILTER CHAMBERS

JBF-7300-6-16	Filter Chamber - 7300 PSIG, 16" Barrel
JBF-7300-6-22	Filter Chamber - 7300 PSIG, 22" Barrel
JBF-7300-6-22-S	Filter Chamber - 7300 PSIG, 22" Barrel, Securus Cap
JBF-7300-6-32	Filter Chamber - 7300 PSIG, 32" Barrel
JBF-7300-6-32-S	Filter Chamber - 7300 PSIG, 32" Barrel, Securus Cap
J-JBF-FITTINGS-KIT-1	Fittings Kit for 1 x JBF Filter Chamber - 1/4" Tube for Inlet and Outlet
J-JBF-FITTINGS-KIT-2	Fittings Kit for 1 x JBF Filter Chamber - 3/8" Tube for Inlet and Outlet
J-JBF-FITTINGS-KIT-3	Fittings Kit for 1 x JBF Filter Chamber - 1/2" Tube for Inlet and Outlet

BAUER P21 & P31 FILTER SYSTEMS WITH BAUER FILTER CARTRIDGE

76825	Bauer P21 Filter System with Triplex Cartridge - 2,750 ft³
79873	Bauer P31 Filter System with Triplex Cartridge - 13,100 ft³

Important Filter Information:

All cartridge life is based on the process air temperature of 20 degrees Celsius and a pressure of 4300 PSIG. A 10 degree increase in temperature will reduce the cartridge capacity by 50%.

A Securus moisture monitor will increase cartridge capacity as it accounts for ambient temperature changes.

Securus filter cartridges can be changed annually or at capacity - whichever comes first. For safety reasons, non Securus filter cartridges must adopt the 6 month change time, or at capacity - whichever comes first.

Jordair produces high capacity separators for large flow application for biogas, natural gas, air and rare gases. Please contact the factory for information and product selection for these applications.

PURIFICATION CARTRIDGES AND SEPARATOR ELEMENTS

BAUER PURIFICATION CARTRIDGES

58821	Cartridge, Bauer, For 16" Chamber, Purifying & CO
62504	Cartridge, Bauer, For 22" Chamber, Drying
62565	Cartridge, Bauer, For 22" Chamber, Drying & Oil
67224	Cartridge, Bauer, For 22" Chamber, Purifying & CO
61687	Cartridge, Bauer, For 22" Chamber, Purifying & CO, Securus
58825	Cartridge, Bauer, For 32" Chamber, Drying
58826	Cartridge, Bauer, For 32" Chamber, for wet gases and oil removal
68622	Cartridge, Bauer, For 32" Chamber, for dry gases and oil removal
58827	Cartridge, Bauer, For 32" Chamber, Purifying & CO
60037	Cartridge, Bauer, For 32" Chamber, Purifying, Securus
59183	Cartridge, Bauer, For P21 System, Purifying
57679	Cartridge, Bauer, For P21 System, Purifying & CO
80114	Cartridge, Bauer, For P31 System, Purifying & CO
67099	Cartridge, Bauer, Jumbo, For P121 System, Drying
67097	Cartridge, Bauer, Jumbo, For P121 System, Purifying, Securus
67812	Cartridge, Bauer, Super Jumbo, For P141 System, Activated carbon
67867	Cartridge, Bauer, Super Jumbo, For P141 System, Drying & Oil
90308	Cartridge, Bauer, Super Jumbo, For P141 System, Drying, Oil & CO
N15052	ELM-54 Filter Kit

SEPARATOR REPLACEMENT ELEMENTS

J-SEP-ADAPTER	Separator Adapter - Helical and Sintered Elements
J-61860	Separator, Sintered Element - For JS-6000/6500-618
61858	Sintered Element for Separator - Stainless Steel
61859	Sintered Element for Separator - Stainless Steel
FC-708-SE	Separator Element - For JS-6000-A-708-15
FC-1008-SE	Separator Element - For JS-7300-A-108
FC-308-SE	Separator Element - For Helium and Nitrogen compressors
FC-308-AD	Absorber Element - For Helium and Nitrogen compressors
FCQX-26-8.5	High purity, high capacity separator element

SECCANT HEATLESS REGENERATIVE DRYER SYSTEMS

Jordair QC Program	Filter Design Features:	Cartridge Features:
• ISO 9001:2008 Cert. 97-544	• Lifetime Filter Chambers	• Jumbo Cartridges
• CSA Cert. No. LR77799	• Two Year Cartridge Life	• Oil, CO, H_2O Cartridge
• B&PV Licence MA-2007	• Corrosion Protected	• Extended Cartridge Life

BAUER SECCANT - TWIN TOWER DRYING FILTER SYSTEMS WITH CARTRIDGE

FILTER SYSTEM	MAXIMUM PRESSURE	MAXIMUM FLOW	WEIGHT	SIZE (IN) H x W x D
SECCANT IIIA-5	5000 PSIG	55 SCFM	400 LBS	51" x 56" x 10"
SECCANT IIIA-6	6000 PSIG	55 SCFM	440 LBS	51" x 56" x 10"
SECCANT IVA-5	5000 PSIG	125 SCFM	880 LBS	51" x 56" x 10"
SECCANT IVA-6	6000 PSIG	125 SCFM	1000 LBS	51" x 56" x 10"

BAUER INDUSTRIAL SECCANT - TWIN TOWER DRYING FILTER SYSTEMS WITH CARTRIDGE

FILTER SYSTEM	MAXIMUM PRESSURE	MAXIMUM FLOW	WEIGHT	SIZE (IN) H x W x D
SECCANT III-5	5000 PSIG	55 SCFM	330 LBS	51" x 56" x 10"
SECCANT III-6	6000 PSIG	55 SCFM	375 LBS	51" x 56" x 10"
SECCANT IV-5	5000 PSIG	125 SCFM	705 LBS	51" x 56" x 10"
SECCANT IV-6	6000 PSIG	125 SCFM	840 LBS	51" x 56" x 10"

STANDARD FEATURES

- A formed panel mounted filter system with 2 ½" dual scale gauges to monitors pressure.
- CRN certified final oil moisture separator with high efficiency coalescing element
- 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 safety relief valve mounted on the separator
- CRN certified check valve mounted on the separator
- 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-Z180.1-19.
- 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.

SECCANT UPGRADE OPTIONS

- 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 SECANT PURIFICATION CARTRIDGES

N15220	Particulate Filter - SECCANT 3 & 4
67868	Drying Cartridge - SECCANT 4
90308	Purifying Cartridge - SECCANT 4
60350	Drying Cartridge - SECCANT 3
74904	Purifying Cartridge - SECCANT 3

REFRIGERATION DRYERS AND CO2 ADSORBERS RATED TO 6000 PSIG AND UP TO 35 SCFM

*B-KOOL-680S-350	Refrigeration Dryer - Up to 35 SCFM and 5000 PSIG floor mount
*B-KOOL-500S-350	Refrigeration Dryer - Up to 35 SCFM and 6000 PSIG floor mount
*B-KOOL-680i-350	Refrigeration Dryer - Up to 35 SCFM and 5000 PSIG compressor top mount
*B-KOOL-680i-500	Refrigeration Dryer - Up to 35 SCFM and 6000 PSIG compressor top mount
AEROGUARD-S	Inlet CO2 Scrubber - 100 - 150 l/min F.A.D.
AEROGUARD-M	Inlet CO2 Scrubber - 160 - 230 l/min F.A.D.
AEROGUARD-L	Inlet CO2 Scrubber - 240 - 320 l/min F.A.D.
AEROGUARD-XL	Inlet CO2 Scrubber - 330 - 450 l/min F.A.D.
AEROGUARD-XXL	Inlet CO2 Scrubber - up to 35 SCFM
79050	Replacement Cartridge, for AEROGUARD
N25536	Air Testing System - AIRLAB 111
N15519	Test Tube - Set for H2S
N15520	Test Tube - Set for H2O
N15521	Test Tube - Set for Oil
N15522	Test Tube - Set for CO2
N15523	Test Tube - Set for CO
N15526	Test Tube - Set for SO2

* When ordering a B-Kool Dryer, at the end of the part number add -1 for 100-127 VAC/60Hz, -2 for 100-127 VAC/50Hz or -3 for 200-220 VAC/60Hz. The B-KOOL will require a 30 Amp power service when operated at 120 Volts.