

AccraFilter

Compressed Air Filters

Protect your compressed air system and pneumatic tools and processes with AccraFilter.

Compressed air contains harmful water and contaminants that can damage pneumatic tools and equipment, cause controls and instruments to foul, and cause production spoilage. The air compression process causes the increase in concentration of water and contaminants and it adds oil aerosols, vapors and abrasive metallic particulate as well. Heat that's generated during compression adds to the damaging effect of the contaminants on tools, instruments, equipment, and processes. Removal of water and contaminants is necessary to sustain equipment life and continue efficient production.

When AccraFilters are installed in compressed air systems, they can be used to coalesce water out of the airstream, remove solid particulates, as well as oil aerosols and vapors. Different element grades are used to achieve different types and levels of filtration. Operating Manuals for air-operated equipment should be referenced to determine the level of filtration required.

All AccraFilter models include an aluminum head and removable-bowl assembly with replaceable filter element(s). Multiple element grades are available for different levels of filtration. Each element grade is designed to provide the most reliable filtration performance possible.

AccraFilter Features:

- **Low Pressure Drop**
- **Multiple Filtration Grades**
- **Aluminum Head and Bowl Assembly**
- **Large Bowl For Optimal Annular Velocities**
- **Large Sump Volume**

Choose the filter element grade that is right for the application:

AccraFlow – Used where instrument quality air is required
Particulate Filtration as small as 3 microns

AccraSorb – For removal of oil vapor and hydrocarbon contaminants
Activated Carbon for vapor and odor removal

AccraLesor – Used where “oil-free air” is required
Particulate filtration as small as .01 micron and liquid coalescing as small as .3 micron

AccraSieve – High efficiency coalescing and particulate filtration
Particulate filtration as small as .1 micron and liquid coalescing as small as .7 micron

AccraTemp – for high temperature applications
Particulate filtration as small as 1 micron for high temperature applications (120° F or greater)

AccraFlex – for high pressure applications
Particulate filtration as small as 3 micron for high pressure applications up to 5000 psi
Liquid coalescing as small as .3 micron for high pressure applications up to 5000 psi

To select AccraFilters, refer to the Specification Guide on the reverse side.



AccraFilter Specification Guide

AccraFlow

Particulate Filtration – 3 micron
DOP 98.5% at .5 micron rating

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
30PTI	30	¼" NPT	P30	1
75PTI	75	½" NPT	P75	1
150PTI	150	¾" NPT	P150	1
275PTI	275	1" NPT	P275	1
330PCG	330	1½" NPT	P330	1
500PCG	500	1½" NPT	P670	1
670PCG	670	2" NPT	P670	1
1000PCG	1000	3" NPT	P330	3
1330PCG	1330	3" NPT	P670	2
2000PCG	2000	3" NPT	P670	3
2600PCG	2600	4" NPT	P670	4
3300PCG	3300	4" NPT	P670	5
4000PCG	4000	4" NPT	P670	6
5300PCG	5300	6" NPT	P670	8
6600PCG	6600	6" NPT	P670	10
10000PCG	10,000	6" NPT	P670	15
14600PCG	14,600	8" NPT	P670	22
17500PBG	17,500	10" FLG	P2500	7
27000PBG	27,000	12" FLG	P2500	11
35000PBG	35,000	16" FLG	P2500	15

Capacity based on 100 psig inlet air pressure.

AccraSorb

Activated Carbon polishing
Oil vapor and odor removal to .5 – 2.0 PPM

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
18AT	18	¼" NPT	A15	1
50AT	50	½" NPT	A50	1
80AT	80	¾" NPT	A80	1
140AT	140	1" NPT	A140	1
200AC	200	1½" NPT	A200	1
300AC	300	1½" NPT	A400	1
400AC	400	2" NPT	A400	1
600AC	600	3" NPT	A200	3
800AC	800	3" NPT	A400	2
1200AC	1200	3" NPT	A400	3
1600AF	1600	4" FLG	A400	4
2000AF	2000	4" FLG	A400	5
2400AF	2400	4" FLG	A400	6
3200AF	3200	6" FLG	A400	8
4000AF	4000	6" FLG	A400	10
6000AF	6000	6" FLG	A400	15
9000AF	9000	8" FLG	A400	22
10500AB	10,500	10" FLG	P2500	7
16500AB	16,500	12" FLG	P2500	11
21000AB	21,000	16" FLG	P2500	15

Capacity based on 100 psig inlet air pressure.

AccraLesor

Particulate Filtration – .01 micron
Coalescing - .3 micron DOP 99.97%

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
18LTI	18	¼" NPT	L15	1
50LTI	50	½" NPT	L50	1
80LTI	80	¾" NPT	L80	1
140LTI	140	1" NPT	L140	1
200LCG	200	1½" NPT	L200	1
300LCG	300	1½" NPT	L400	1
400LCG	400	2" NPT	L400	1
600LCG	600	3" NPT	L200	3
800LCG	800	3" NPT	L400	2
1200LCG	1200	3" NPT	L400	3
1600LFG	1600	4" FLG	L400	4
2000LFG	2000	4" FLG	L400	5
2400LFG	2400	4" FLG	L400	6
3200LFG	3200	6" FLG	L400	8
4000LFG	4000	6" FLG	L400	10
6000LFG	6000	6" FLG	L400	15
9000LFG	9000	8" FLG	L400	22
10500LBG	10,500	10" FLG	L2500	7
16500LBG	16,500	12" FLG	L2500	11
21000LBG	21,000	16" FLG	L2500	15

Capacity based on 100 psig inlet air pressure.

AccraSieve

Particulate Filtration – .1 micron
Coalescing - .7 micron DOP 95.00% efficiency

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
25RTI	25	¼" NPT	R25	1
80RTI	80	½" NPT	R80	1
130RTI	130	¾" NPT	R130	1
230RTI	230	1" NPT	R230	1
300RCG	300	1½" NPT	R300	1
450RCG	450	1½" NPT	R600	1
600RCG	600	2" NPT	R600	1
900RCG	900	3" NPT	R300	3
1200RCG	1200	3" NPT	R600	2
1800RCG	1800	3" FLG	R600	3
2400RFG	2400	4" FLG	R600	4
3000RFG	3000	4" FLG	R600	5
3600RFG	3600	4" FLG	R600	6
4800RFG	4800	6" FLG	R600	8
6000RFG	6000	6" FLG	R600	10
9000RFG	9000	6" FLG	R600	15
13200RFG	13,200	8" FLG	R600	22
15700RBG	15,700	10" FLG	R2500	7
24700RBG	24,700	12" FLG	R2500	11
31500RBG	31,500	16" FLG	R2500	15

Capacity based on 100 psig inlet air pressure.

AccraTemp – High temperature applications
 Particulate Filtration – 3 micron
 DOP 98.5% at .5 micron rating

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
130HT	130	3/4" NPT	H130	1
230HT	230	1" NPT	H230	1
300HC	300	1½" NPT	H300	1
450HC	400	1½" NPT	H600	1
600HC	600	2" NPT	H600	1
900HC	9500	3" NPT	H300	3
1200HC	1200	3" NPT	H600	2
1800HC	1800	3" NPT	H600	3
2400HF	2400	4" FLG	H600	4
3000HF	3000	4" FLG	H600	5
3600HF	3600	4" FLG	H600	6
4800HF	4800	6" FLG	H600	8
6000HF	6000	6" FLG	H600	10
9000HF	9000	6" FLG	H600	15
13200HF	13,200	8" FLG	H600	22

Capacity based on 100 psig inlet air pressure.

AccraFlex – High pressure applications
 Particulate Filtration – 3 micron
 5000 PSIG maximum pressure

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
800PXT	800	SAE-8	PX800	1
2000PXT	2000	SAE-16	PX2000	1
6000PXT	6000	SAE-24	PX6000	1

Coalescing – .3 micron
 5000 PSIG maximum pressure

Filter Model	Capacity SCFM	IN/OUT		Number of Elements Required
		Connection Size	Element Model	
400PXT	400	SAE-8	LX400	1
1000PXT	1000	1" NPT	LX1000	1
3000PXT	3000	SAE-24	LX3000	1

Capacity based on 1500 psig inlet air pressure.

Factory Installed Options

- **Internal Automatic Drain** – Fits ¼", ½", ¾", 1" housings
- **Pressure Drop Gauge** – Fits 1½", 2", 3" FLG connections
- **High Accuracy Differential Pressure Gauge** – Adapts to all FLG connections
- **Differential Pressure Indicator – Pop-Up** – Fits ¼", ½", ¾", 1" housings
- **Hydrocarbon Indicator – Color Change** – Fits all housings

Available Options – Field Installed

- **Internal Automatic Drain** – Fits ¼", ½", ¾", 1" housings
- **Automatic Drain – T-0** – Fits up to 2" threaded connection
- **Automatic Drain – T-1** – Fits all AccraFilter housings
- **Pressure Drop Gauge** – Fits 1½", 2", 3" FLG connections
- **High Accuracy Differential Pressure Gauge** – Adapts to all FLG connections
- **Differential Pressure Indicator – Pop-Up** – Fits ¼", ½", ¾", 1" housings



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