

# High Efficiency Compressed Air Filters

*Pure filtration*



**AURORA**<sup>TM</sup>  
Performance Compressed Air Systems

# Energy Efficient compressed air treatment

Compressed air used in high-precision applications, pneumatic automation and in the chemical, biochemical, biomedical, pharmaceutical, electronic and food industries has steadily increased the requirement for greater air purity levels.

As a result the **Aurora Pure** series compressed air filters were re-engineered to meet these new exacting specifications and require-

ments. Incorporated in these filters, is many years of filtration experience. By incorporating **“Deep Bed Pleating”** for particle and oil aerosol removal, we are able to increase the effective filtration surface area by 5 times more than ordinary “Wrapped” elements. This provides for greater dirt holding capacity while lowering flow velocities and operating costs.

## STANDARD FEATURES

- Differential pressure gauge
- Directional flow indicators
- Audible “depressurization” safety alarm
- Low Pressure drop
- Pleated Type Filter Media
- Extended service life
- Anti re-entrainment barrier
- Color coded (grade) elements
- Automatic internal condensate drain
- 3-grades of air quality

* SCFM	CONN	DIMENSIONS (inches)				MODEL NUMBER		
						ISO 8573.1 Class 2		ISO 8573.1 Class 1
	NPT	A	B	C	D	1 Micron, 0.5 ppm	0.01 Micron, 0.01 ppm	0.003 ppm
18	3/8	8.8	3.6	1	2.4	AGP0020	AHE0020	AAC0020
35	1/2	8.8	3.6	1	3.2	AGP0040	AHE0040	AAC0040
64	3/4	11.2	3.6	1	4	AGP0065	AHE0065	AAC0065
106	3/4	11.2	3.6	1	4	AGP0110	AHE0110	AAC0110
120	1	12.2	4.8	1.48	4.8	AGP0125	AHE0125	AAC0125
177	1	12.2	4.8	1.48	4.8	AGP0175	AHE0175	AAC0175
255	1 1/2	15.4	4.8	1.48	4.8	AGP0255	AHE0255	AAC0255
335	1 1/2	15.4	4.8	1.48	4.8	AGP0335	AHE0335	AAC0335
441	2	20	6.6	2.16	6	AGP0450	AHE0450	AAC0450
583	2	20	6.6	2.16	6	AGP0600	AHE0600	AAC0600
670	2 1/2	27	6.6	2.16	6	AGP0700	AHE0700	AAC0700
776	2 1/2	27	6.6	2.16	6	AGP0800	AHE0800	AAC0800
990	3	28.4	8	2.6	9.4	AGP1000	AHE1000	AAC1000
1236	3	34.6	8	2.6	8	AGP1250	AHE1250	AAC1250
1553	3	39.4	8	2.6	8	AGP1600	AHE1600	AAC1600

\* Larger capacities, flanged filters and alternative efficiencies are available. Contact factory for more information.

Grade AGP & AHE are supplied with pressure differential gauge and internal automatic drain.  
Grade AAC are supplied with external manual drain.

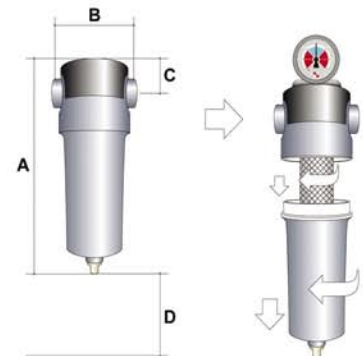
Pressure Correction Factors (apply to nominal flow listed above to obtain corrected capacity)

psi	30	45	60	70	85	100	115	130	145	160	170	200	232
factor	.36	0.50	0.63	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	2.13



**DIFFERENTIAL PRESSURE GAUGE**

is standard on ALL Aurora™ filters except grade “AC”. The differential gauge can be rotated 180° for easy viewing. Element replacement is determined by the accurate analog scale or by color bands.



Distributed By:



**Aurora Dynachill**  
Charlotte, NC 28209  
704-525-3182 Fax: 704-523-5064  
Toll Free 866-249-2048  
[www.auroracompressedair.com](http://www.auroracompressedair.com)

