

Compressed Air Particulate & High Temperature Afterfilters

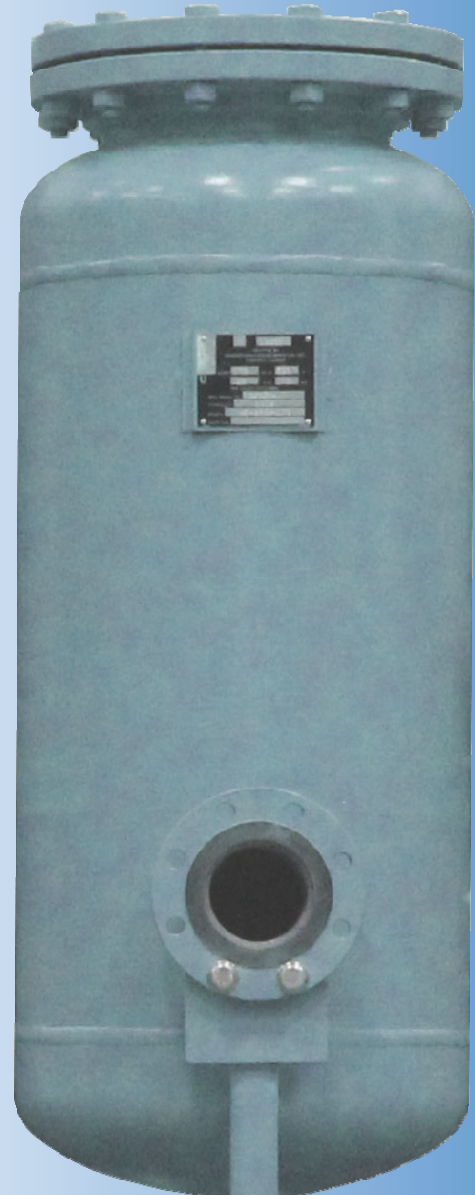


Henderson Engineering Co.
815.786.9471 800.544.4379

**A Cleaner, More Trouble-Free
Compressed Air System**

Henderson Engineering Co., the only company in the world manufacturing single tower deliquescent and twin tower regenerative and heat-of-compression regenerative air dryers, has applied their compressed air know-how to the design and development of the Sahara filter product lines.

The filter cartridges used in Sahara filters are the result of extensive development and testing by Henderson's Engineers.



World Leader in Regenerative Dryer Technology





Sahara Particulate & High Temperature Afterfilters

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For compressed air lines where delivered air must be free of fine particle contaminants and corrosive impurities

Eliminate costly repairs and expensive downtime with protection afforded by fine quality filtration

Element Rating

- AF-50 to AF-350 filters particles to 5 micron
- AF-550 & larger filters particles to 1 micron
- AFH-250 to AFH-350 filters particles to 2.5 micron
- HAF-550 & larger filters particles to .9 micron
- AF-550 & larger and HAF-550 & larger meet Class 2 particulate filtration per ISO 8573-1 requirement
- AF-550 & larger and HAF-550 & larger available with option for .01 micron rated elements upon request.

Construction

- Carbon steel to ASME standards
- ASME coded; Model AF-550 & larger and HAF-550 and larger
- Chrome plated ty-rod assembly
- Easy-to-read pressure differential indicator included as standard

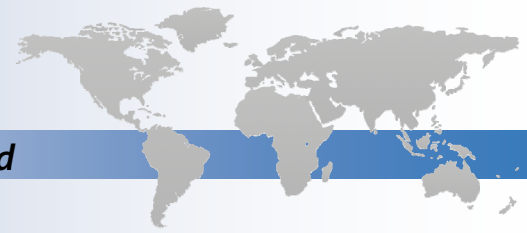
Elements

- AF-12 to AF-350: Sintered bronze or Polypropylene
- AF-550 & larger: Poroflex Cellulose
- HAF-550 & larger: Borosilicate Glass
- Recommended Change Out: Between 7-10 psid

Eliminate shutdowns for visual inspection of filter elements with the Pressure Differential Indicator
(included as standard)



When Top Performance Is Required



AFTERFILTER MODEL AF

MODEL	RATED FLOW SCFM *	INITIAL ▲ P PSIG	PIPE SIZE	MAXIMUM OPERATION		WEIGHT (LBS.)	ELEMENT	
				PSIG	°F **		MODEL	QTY.
AF-50	50	<1	¾" NPT	300	200	9	SB12	1
AF-100	100	<1	1" NPT	300	200	9	SB12	1
AF-250	250	<1	1 ½" NPT	300	200	14	SB12	1
AF-350	350	<1	2" NPT	300	200	22	SB350	1
AF-550	550	<1	2" NPT	200	200	135	812-1B	1
AF-1000	1000	<1	3" FLG	200	200	150	812-1B	1
AF-1400	1400	<1	3" FLG	150	200	235	812-1B	2
AF-2400	2400	<1	4" FLG	150	200	245	812-1B	2
AF-3600	3600	<1	6" FLG	150	200	405	812-1B	3
AF-7200	7200	<1	6" & 8" FLG	150	200	485	812-1B	6
AF-9000	9000	<1	8" FLG	150	200	550	812-1B	8
AF-10000	10000	<1	8" FLG	150	200	725	812-1B	10
AF-12000	12000	<1	8" & 10" FLG	150	200	876	812-1B	12
AF-16000	16000	<1	8" & 10" FLG	150	200	995	812-1B	14
AF-20000	20000	<1	10" FLG	150	200	1285	812-1B	20

*Rated flow at 100 psig and 100°F

**Continuous operation: 160°F maximum temperature. Intermittent operation: 200°F maximum temperature.

AFTERFILTER MODEL AFH

MODEL	RATED FLOW SCFM *	INITIAL ▲ P PSIG	PIPE SIZE	MAXIMUM OPERATION		WEIGHT (LBS.)	ELEMENT	
				PSIG	°F **		MODEL	QTY.
AFH-250	250	<1	1 ½	150	200	14	F-350	1
AFH-350	350	<1	2	150	200	22	F-350	1

AFTERFILTER MODEL HAF

MODEL	RATED FLOW SCFM *	INITIAL ▲ P PSIG	PIPE SIZE	MAXIMUM OPERATION		WEIGHT (LBS.)	ELEMENT	
				PSIG	°F **		MODEL	QTY.
HAF-550	550	<1	2" NPT	150	390	135	712-1H	1
HAF-1000	1000	<1	3" FLG	150	390	150	712-1H	1
HAF-1400	1400	<1	3" FLG	150	390	235	712-1H	2
HAF-2400	2400	<1	4" FLG	150	390	245	712-1H	2
HAF-3600	3600	<1	6" FLG	150	390	405	712-1H	3
HAF-7200	7200	<1	6" & 8" FLG	150	390	485	712-1H	6
HAF-9000	9000	<1	8" FLG	150	390	550	712-1H	8
HAF-10000	10000	<1	8" FLG	150	390	725	712-1H	10



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Custom Design

We can build a dryer to meet your strict performance requirements

The heart of our company has always been engineering; finding novel solutions to our customers' unique applications. Our reputation has been built by building dryers custom designed for each specific application a customer requires. We are one of the few dryer manufacturers who can completely design and fabricate a dryer to each and every customers specifications.

Dryers are purchased to solve plant air problems. The decision to buy is complex and involves many variables; initial price, vendor qualifications, delivery, performance, and operating cost, just to name a few. The selection of a SAHARA air dryer is a safe choice. Our sales engineers will help you select the right system for your application. They have the expertise to review your plant air system and design the optimum engineered solution. Quality and reliability are built into every SAHARA air dryer and performance is guaranteed.

Sahara Air Products

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Henderson Engineering Co., Inc., is proud to be certified to the ISO 9001 Quality Management System standards and guidelines