

High Temperature Dust Filters

Features

- High quality die cast aluminum filter rated to 450°F for high temperature particulate removal in high temperature compressed air.
- 11 models with flow rates from 15 to 1600 scfm
- Provided with a 1 micron dry particulate element.
- Innovative push-fit element design with dual o-ring seal to ensure optimum sealing and mechanical strength.
- Designed for the unique demands of high temperature applications including downstream of an externally heated or blower purge desiccant air dryer.
- Custom engineered filter media is designed to handle the heat while providing high efficiency filtration with minimal pressure drop.
- Manufactured in an ISO 9001 approved facility and tested in accordance with ISO 12500.
- CRN approved
- Applications include chemical, food and beverage, manufacturing, military and oil and gas.



Corrosion Resistant



Electrophoretic painting on all internal and external surfaces, topped with a rugged polyester powder finish for maximum protection.

Element Design



Robust design includes aluminum end caps, stainless steel cylinder and silicone o-rings.

nano F³: High Temperature Dust Filters

FILTER MODEL	INLET & OUTLET	RATED FLOW ⁽¹⁾ SCFM	REPLACEMENT ELEMENT	DIMENSIONS (INCHES)				APPROX. WEIGHT LBS
	NPT		PART NO.	A	B	C	D	
GHTN 0015 M1	¼"	15	GEHT 0015 M1	5.7	5.2	7.6	2.5	1.8
GHTN 0030 M1	⅜"	30	GEHT 0030 M1	6.9	6.3	8.8	2.5	2.0
GHTN 0065 M1	½"	65	GEHT 0065 M1	11.0	9.2	14.2	4.3	7.8
GHTN 0075 M1	¾"	75	GEHT 0075 M1	11.0	9.2	14.2	4.3	7.8
GHTN 0150 M1	1"	150	GEHT 0150 M1	14.4	12.5	17.5	4.3	9.3
GHTN 0300 M1	1 ½"	300	GEHT 0300 M1	19.6	17.3	23.5	5.7	20.3
GHTN 0450 M1	2"	450	GEHT 0450 M1	19.6	17.3	23.5	5.7	20.3
GHTN 0650 M1	2"	650	GEHT 0650 M1	27.5	25.2	31.5	5.7	25.8
GHTN 1000 M1	3"	1000	GEHT 1000 M1	29.2	25.6	33.9	9.1	46.3
GHTN 1250 M1	3"	1250	GEHT 1250 M1	33.9	30.3	38.6	9.1	49.9
GHTN 1600 M1	3"	1600	GEHT 1600 M1	39.7	36.1	44.4	9.1	53.4

SPECIFICATIONS

Design operating pressure range (psig)	0 to 150
Filter housing material	machine & die cast aluminum

ELEMENT SPECIFICATIONS

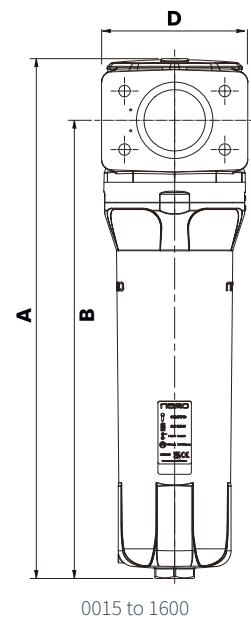
M1

Particle removal (micron)	1
Design operating temperature range (°F)	35 to 450
Pressure drop - clean (psid)	1.2
Pressure drop - recommended replacement (psid) ⁽²⁾	5.0
Flow direction through element	outside to inside
Maximum element life	12 months or 4000 hours

PRESSURE CORECTION FACTORS

Operating pressure (psig)	58	72	87	100	115	145
Correction factor	0.76	0.84	0.92	1.00	1.07	1.19

- (1) At 100 psig. For all other pressures, refer to the pressure correction factor table above.
- (2) Differential pressure indicator not included.
- (3) Filters are intended for dry particulate filtration only.



Technical specifications subject to change without notice.
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