

# NHT 0300 M1

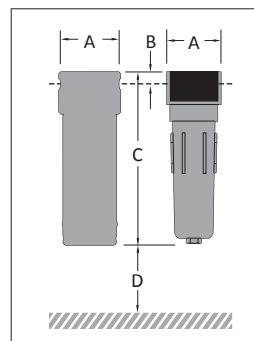
## 300 scfm high temperature dust filter

nano F<sup>3</sup> high temperature dust filters are rated for a maximum of 450°F. Manufactured from machined or die cast aluminum, they are designed for all high temperature applications including after filtration for externally heated or blower purge desiccant air dryers.



general characteristics	
rated flow (scfm) <sup>(1)</sup>	300
operating limits	
design operating pressure range (psig)	0 to 150
design operating temperature range (°F)	35 to 450
housing construction	
materials	pressure die cast aluminum
finish	polyester powder paint
element construction	
media	borosilicate glass microfiber with Nomex <sup>®</sup> protective wrap
end cap	304 stainless steel
cylinder	430 stainless steel
o-ring	silicone
replacement element (part no)	EHT 0300 M1
components	
condensate drain	manual ball valve
air circuit	
inlet & outlet connections (NPT)	1 ½"

dimensions and weights	
A (ins)	5.75
B (ins)	2.01
C (ins)	19.29
D (ins)	6.69
weight (lbs)	17.9



element performance	
particle removal	1 micron
design operating temperature range	35 to 450°F
pressure drop - clean	1.1 psid
pressure drop - recommended replacement <sup>(2)</sup>	5.0 psid
flow direction through element	outside to inside
maximum element life	12 months or 8000 hours

(1) at 100 psig. For all other pressures, contact support@n-psi.com  
 (2) differential pressure indicator not included  
 (3) filters are intended for dry particulate filtration only  
 (4) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

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## features

### features

- designed in accordance with ASME pressure vessel standards
- carries CRN (Canadian Registration Numbers) for approved use in every province of Canada
- innovative push-fit element design with dual o-ring to ensure optimum sealing and mechanical strength
- custom engineered filter media designed to handle the heat while providing high efficiency filtration with minimal pressure drop
- 10 year housing warranty