

# NHT 0150 M1

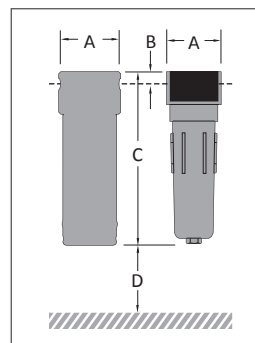
## 150 scfm high temperature dust filter

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.



<b>general characteristics</b>	
rated flow (scfm) <sup>(1)</sup>	150
<b>operating limits</b>	
design operating pressure range (psig)	0 to 150
design operating temperature range (°F)	35 to 450
<b>housing construction</b>	
materials	pressure die cast aluminum
finish	polyester powder paint
<b>element construction</b>	
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 0150 M1
<b>components</b>	
condensate drain	manual ball valve
<b>air circuit</b>	
inlet & outlet connections (NPT)	1"

<b>dimensions and weights</b>	
A (ins)	4.33
B (ins)	1.50
C (ins)	14.09
D (ins)	5.91
weight (lbs)	8.3



<b>element performance</b>	
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