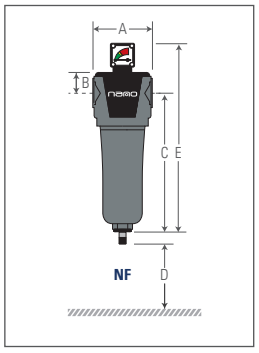
# NF 0015 (grade)

## 15 scfm compressed air & gas filter

nano F[1] performance validated compressed air & gas filters are available in a complete range of element grades designed to meet and exceed industry air quality requirements. Filtration performance is tested and validated by an independent laboratory to ISO 12500 standards.

| general characteristics | |
|---|---|
| rated flow (scfm) (1) | 15 |
| **operating limits** | |
| design operating pressure range (psig) (2) | 0 to 232 |
| design operating temperature range (°F) | 35 to 176 |
| **housing construction** | |
| materials | pressure die cast aluminum |
| finish | E-Coat™ surface treatment (internal & external)<br>powder paint (external) |
| **element construction** | |
| media | borosilicate glass microfiber |
| end caps | glass filled nylon |
| replacement element (part no) | E 0015 (grade) |
| **components** | |
| automatic float drain | NDK 0050 as standard |
| differential pressure indicator / gauge | - |
| **air circuit** | |
| inlet & outlet connections (NPT) | ¼" |

| dimensions and weights | |
|---|---|
| A (ins) | 1.93 |
| B (ins) | 0.71 |
| C (ins) | 5.47 |
| D (ins) | 3.00 |
| E (ins) | 6.18 |
| weight (lbs) | 0.7 |




| element grades | M25 | M5 | M1 | M01 | AC |
|---|---|---|---|---|---|
| maximum particle size (ISO class) (3) | - | 3 | 2 | 1 | - |
| maximum oil content (ISO class) (3) | - | 4 | 2 | 1 | 1 |
| particle removal (microns) | 25 | 5 | 1 | 0.01 | - |
| max oil carry over at 68°F (ppm or mg/m$^3$) | 10 | 5 | 0.1 | 0.01 | 0.003 |
| recommended operating temp range (°F) | 35 to 176 | 35 to 176 | 35 to 176 | 35 to 176 | 35 to 77 |
| design operating temperature range (°F) | 35 to 176 | 35 to 176 | 35 to 176 | 35 to 176 | 35 to 122 |

(1) at 100 psig. For all other pressures,contact support@n-psi.com
(2) for pressure below 22 psig, order with a NDK 0050 condensate drain
(3) per ISO 8573.0:2001 (E)
(4) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

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experience

# features

## housing features

- designed in accordance with ASME pressure vessel standards
- carries CRN (Canadian Registration Numbers) for approved use in every province of Canada
- "dead stop" bowl feature provides full closure without overtightening
- optimized piston seal ensures zero leakage and ease of bowl removal during element replacement
- no tie rod simplifies element change out and reduces access requirements for bowl removal
- comprehensive range of filter mounting accessories
- 10 year housing warranty

## element features

- designed to exceed the ISO 8573-1 standards for compressed air purity and the ISO 12500 series international standard for compressed air filter testing
- filtration performance validated and tested in independent laboratories in accordance with international filtration standards
- double element o-ring prevents contaminant bypass
- stainless steel cylinders provide strength, rigidity and corrosion resistance
- deep bed filter media provides low differential pressure
- 1 year element warranty (grades M1 to M25)

# accessories

## connecting kits

| description | fits | part number |
|---|---|---|
| NF connecting kit | NF 0015 | NCK 0015 |

## wall mounting kits

| description | fits | part number |
|---|---|---|
| NF wall mounting kit | NF 0015 | NMK 0015 |

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