



nano F<sup>1.1</sup>: Compressed Air & Gas Filtration

## GFN 0032 (grade)

32 scfm Compressed Air & Gas Filter

nano GFN 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) <sup>(1)</sup>                      | 32                                                                         |
| OPERATING LIMITS                                      |                                                                            |
| Design operating pressure range (psig) <sup>(2)</sup> | 0 to 232                                                                   |
| Design operating temperature range (°F)               | 32 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.)                        | GE 0032 (grade)                                                            |
| COMPONENTS                                            |                                                                            |
| Automatic float drain                                 | GFDK 0050                                                                  |
| Differential pressure indicator / gauge               | GFDP 0050                                                                  |
| AIR CIRCUIT                                           |                                                                            |
| Inlet & outlet connections (NPT)                      | 3/8"                                                                       |

(1) At 100 psig. For all other pressures, please contact us.

(2) For pressure below 22 psig, order with a GFDK 0050 for models GF 0070 to 1500.  
For pressures up to 300 psi use manual drain valve.

### 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 over tightening.
- 10 year housing warranty
- Optimized 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.

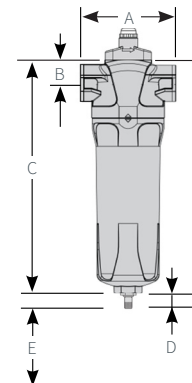
#### ELEMENT FEATURES

- 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 standards.
- Stainless steel cylinders provide strength, rigidity and corrosion resistance.
- Pleated filter media provides low differential pressure.



### Dimensions & Weight

| DIMENSIONS AND WEIGHT |      |
|-----------------------|------|
| A (ins)               | 2.76 |
| B (ins)               | 0.95 |
| C (ins)               | 9.09 |
| D (ins)               | 1.10 |
| E (ins)               | 13.4 |
| Weight (lbs)          | 1.3  |



\*DP indicator adds 1.65" to height

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| ELEMENT GRADES                                   | M1        | M01       | AC        |
|--------------------------------------------------|-----------|-----------|-----------|
| Maximum particle size (ISO class) <sup>(3)</sup> | 3         | 1         | -         |
| Maximum oil content (ISO class) <sup>(3)</sup>   | 3         | 2         | 1         |
| Particle removal (microns)                       | 1         | 0.01      | -         |
| Max oil carry over at 68°F (ppm or mg/m³)        | 0.3       | 0.01      | 0.003     |
| Design operating temperature range (°F)          | 32 to 176 | 32 to 176 | 32 to 122 |

(3) Per ISO 8573.0:2001 (E).

## Accessories

| CONNECTING KITS            | FITS     | PART NUMBER |
|----------------------------|----------|-------------|
| Connecting kit (2 filters) | GFN 0032 | GFCK-2 0050 |
| Connecting kit (3 filters) | GFN 0032 | GFCK-3 0050 |
| Connecting kit (4 filters) | GFN 0032 | GFCK-4 0050 |

| WALL MOUNTING KITS | FITS     | PART NUMBER |
|--------------------|----------|-------------|
| Wall mounting kit  | GFN 0032 | GFMK 0050   |



Technical specifications subject to change without notice.  
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