



## nano F<sup>1</sup>: Compressed Air & Gas Filtration

# GF 0050 WS

## 50 scfm Water Separator

The nano F<sup>1</sup> centrifugal water separators are designed to remove 99% of bulk liquid water from your compressed air or gas stream. This simple yet highly efficient design eliminates liquid contaminants enhancing the reliability of your compressed air or gas system and eliminating costly downtime.

| GENERAL CHARACTERISTICS                               |  |
|---|--|
| Rated flow (scfm) <sup>(1)</sup>                      | 50   |
| 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>satin black powder paint (external) |
| CENTRIFUGAL MODULE CONSTRUCTION                       |  |
| Materials   | glass - filled fiber   |
| COMPONENTS  |  |
| Condensate drain                                      | GFDK 0050 as standard  |
| AIR CIRCUIT   |  |
| Inlet & outlet connections (NPT)                      | ½"   |

(1) At 100 psig. For all other pressures, contact support@nano-purification.com.

(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. .

(3) Technical specifications subject to change without notice. Direct inquires to support@nano-purification.com.

## Features

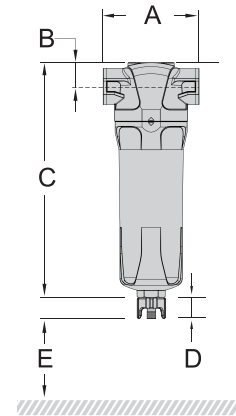
### FEATURES

- 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
- Manufactured in an ISO 9001 approved facility and tested in accordance with ISO 12500-4.
- Comprehensive range of mounting accessories.
- Housing manufactured from die cast aluminum and polyester powder coated for optimum corrosion protection for the most demanding applications.
- Vortex arrester ensures the separated liquid cannot re-enter the air gas stream.



## Dimensions & Weight

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



## Accessories

| CONNECTING KITS            | FITS       | PART NUMBER |
|----------------------------|------------|-------------|
| Connecting kit (2 filters) | GF 0050 WS | GFCK-2 0050 |
| Connecting kit (3 filters) | GF 0050 WS | GFCK-3 0050 |



| WALL MOUNTING KITS   | FITS       | PART NUMBER |
|----------------------|------------|-------------|
| GF wall mounting kit | GF 0050 WS | GMFK 0050   |



| EXTERNAL DRAIN OPTIONS                           | FITS       | PART NUMBER |
|--|------------|-------------|
| Heavy duty automatic drain                       | GF 0050 WS | NED 12      |
| ½" magnetic no air loss drain                    | GF 0050 WS | NMD 12      |
| ½" timed solenoid drain with integrated strainer | GF 0050 WS | NETD 12 115 |



\*Drains may require an adaptor. Contact support@nano-purification.com to confirm correct fit..

Technical specifications subject to change without notice.  
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# nano

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