

Water Separators

Features

- Eliminate corrosion, damage to tools and machinery downtime with efficient bulk water removal.
- Eliminate 99% of liquids in your compressed air or gas system improving your processes and reducing costly downtime.
- 14 models with connections from 1/8" to 4" Flg and rated flows from 6 to 3000 scfm.
- Perfectly suited for variable speed compressors.
- Housing manufactured from die cast aluminum and polyester powder coated for optimum corrosion protection for the most demanding applications.
- Manufactured in an ISO 9001 approved facility and tested in accordance with ISO 12500-4.
- Applications include electronics, instrumentation, laboratories, automotive, robotics, oil and gas, paint applications and pneumatic conveying.



Unique Vanes



Engineered using the latest computational fluid dynamic software to optimize liquid removal efficiency.

Vortex Arrester



Ensures that the separated liquid cannot re-enter the air or gas stream greatly improving drainage.

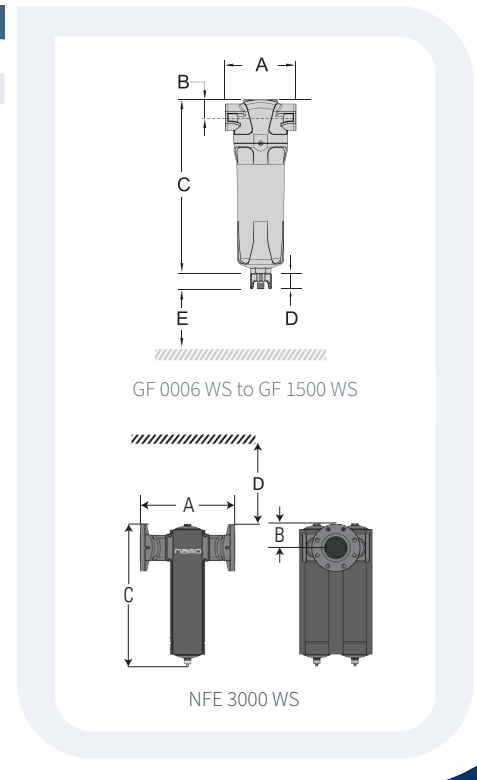
nano F¹: Water Separators

MODEL	INLET & OUTLET NPT/Flg	RATED FLOW ⁽¹⁾ SCFM	DIMENSIONS (INCHES)					APPROX. WEIGHT LBS
			A	B	C	D	E	
GF 0006 WS	1/8"	6	1.97	0.67	6.18	1.10	2.36	0.6
GF 0015 WS	1/4"	15	1.97	0.67	6.18	1.10	2.36	0.6
GF 0025 WS	1/4"	25	2.76	0.95	9.09	1.10	2.76	1.3
GF 0035 WS	3/8"	35	2.76	0.95	9.09	1.10	2.76	1.3
GF 0050 WS	1/2"	50	2.76	0.95	9.09	1.10	2.76	1.3
GF 0070 WS	1/2"	70	5.00	1.26	9.09	1.18	3.15	3.7
GF 0125 WS	3/4"	125	5.00	1.26	11.22	1.18	3.15	4.4
GF 0175 WS	1"	175	5.00	1.26	11.22	1.18	3.15	4.4
GF 0280 WS	1 1/4"	280	5.51	1.58	18.70	1.18	3.15	6.6
GF 0325 WS	1 1/2"	325	5.51	1.58	18.70	1.18	3.15	6.6
GF 0700 WS	2"	700	6.69	2.09	20.00	1.18	3.94	12.1
GF 0850 WS	2 1/2"	850	8.66	2.76	16.26	1.18	3.94	23.1
GF 1500 WS	2"	1500	8.66	2.76	16.26	1.18	3.94	27.6
NFE 3000 WS-ND	4" Flg	3000	18.00	4.57	25.59	11.81	13.50	64.6

SPECIFICATIONS	0006 TO 0050 WS	0070 TO 1500 WS	NFE 3000 WS-ND
Recommended operating temperature range (°F)	35 to 176	35 to 176	35 to 176
Design operating temperature range (°F)	35 to 176	35 to 176	35 to 176
Design operating pressure range (psig)	0 to 232	22 to 232 ⁽²⁾	22 to 232
Condensate drain (included) ⁽³⁾	GFDK 0050	GFDK 1500	

PRESSURE CORRECTION FACTORS									
Operating pressure (psig)	58	72	87	100	115	145	174	203	232
Correction factor	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51

- (1) At 100 psig. For all other pressures, refer to the pressure correction factors above.
- (2) For pressures below 22 psig order with an GFDK 0050 condensate drain.
- (3) Models NF 0006 to 1500 WS are supplied with an automatic float drain. When high liquid loads are anticipated we recommend installing a high capacity external condensate drain. Contact support@airandgassolutions.com for available options.
- (4) Technical specifications subject to change without notice. Direct inquiries to support@airandgassolutions.com or contact 704.897.2182.



Technical specifications subject to change without notice.
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nano
 Experience. Customer. Service.

United States
 Charlotte, North Carolina
 Phone: +1 704 897 2182
 Email: support@airandgassolutions.com

nano-purification solutions
 www.nano-purification.com

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