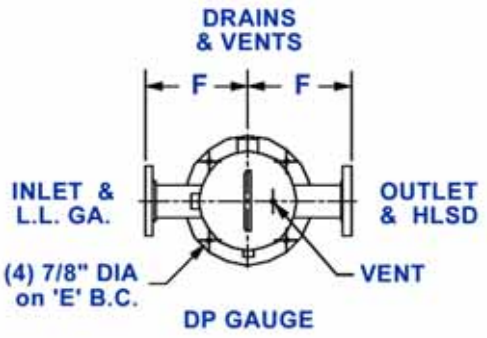
NOWATA GR SERIES

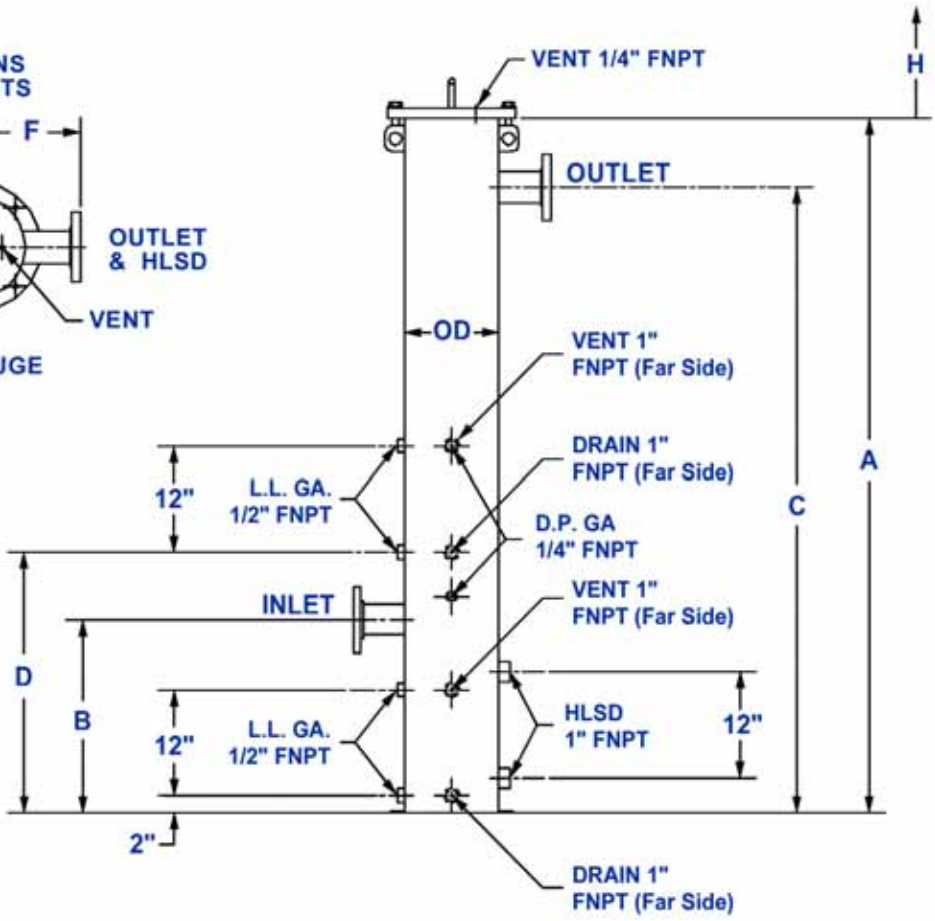
Reverse Flow Wet Gas Coalescer

NOWATA GR SERIES DIMENSIONS

ORIENTATION



ELEVATION



- **All units available built to ASME Code design.**
- **275 PSIG at 140°F and 1/32" corrosion allowance.**
- **Uses NFF-12R, 24R & 36R filter cartridges.**

Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice. Dimensions in Inches

Model Number	O.D.	Cartridge	A	B	C	D	E	F	H	Inlet & Outlet
GRAC1C27F2CAN	6-5/8"	(1) NFF12R	48-3/4"	19"	41"	23-5/8"	9-1/8"	9-1/4"	14"	2" R.F.150# Flange
GRAC1C27F2CCN	6-5/8"	(1) NFF24R	60-3/4"	19"	53"	23-5/8"	9-1/8"	9-1/4"	26"	2" R.F.150# Flange
GRAC1C27F2CDN	6-5/8"	(1) NFF36R	72-3/4"	19"	65"	23-5/8"	9-1/8"	9-1/4"	38"	2" R.F.150# Flange
GRAC2C27F3CDN	8-5/8"	(2) NFF36R	76-3/4"	20"	69"	27-5/8"	11-1/8"	10-1/4"	38"	3" R.F.150# Flange
GRAC3C27F3CDN	10-3/4"	(3) NFF36R	78-3/4"	22"	71"	29-5/8"	13-1/4"	11-3/8"	38"	3" R.F.150# Flange

Growing Strong Since 1907
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NOWATA PROGUARD FILTRATION
member of the amafiltergroup

NFF SERIES ABSOLUTE RATED VAPOR PHASE ELEMENTS

for use with Nowata GR Series Gas Housings

The Nowata absolute rated NFF Series filter/coalescer cartridge elements have the following characteristics:

1. Beta ratios in excess of 1000.
2. Rated at 0.3 Micron and better than 99.9% efficient.
3. Large dirt holding capacity.
4. Robust construction. Can withstand over 75 PSI differential pressure in either direction.
5. Highest quality components.

APPLICATION:

The Nowata NFF Series element is designed to filter-coalesce extremely fine liquid particles from natural gas, primarily lubricating oil downstream of a compressor. The normal flow is from the inside to the outside. However, when retrofitting an old filter separator, the flow pattern will be from the outside to the inside.

SPECIFICATIONS:

Cartridge Lengths Available	12, 24, 36 Inches
Outside Diameter	4-1/2 Inches
Inside Diameter	3 Inches
Nominal Micron Ratings Available	0.3 & 0.1 Micron
Recommended Change-Out Differential Pressure	15 PSI
Maximum Operating Temperature	240°F
Minimum Operating Temperature	-60°F

Cartridge Model Number **NFF12R**	12 Inches Long, 0.3 Micron
Cartridge Model Number **NFF24R**	24 Inches Long, 0.3 Micron
Cartridge Model Number **NFF36R**	36 Inches Long, 0.3 Micron
Cartridge Model Number **NFF12R1**	12 Inches Long, 0.1 Micron
Cartridge Model Number **NFF24R1**	24 Inches Long, 0.1 Micron
Cartridge Model Number **NFF36R1**	36 Inches Long, 0.1 Micron

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