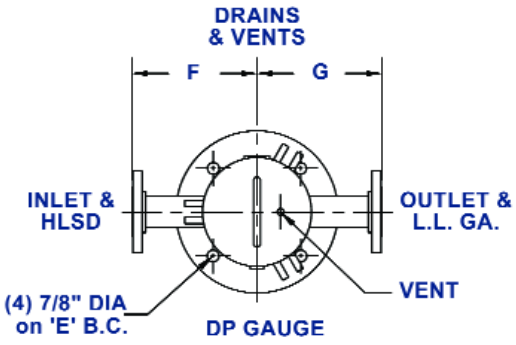
NOWATA FILTRATION

NOWATA GW SERIES

Forward Flow Wet Gas Filter - Separator with Vane Mist Eliminator

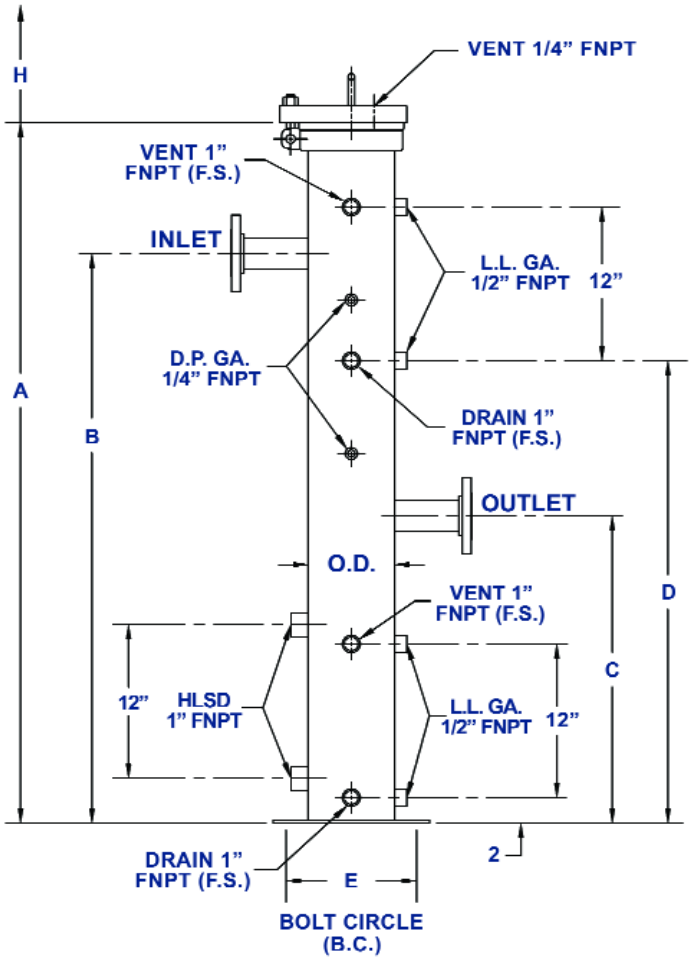
NOWATA GW SERIES DIMENSIONS

ORIENTATION



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

ELEVATION



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

Typical Model Number	O.D.	Cartridge	A	B	C	D	E	F	G	H	Inlet & Outlet
GWAC1C27F2CAN	6-5/8"	(1) NFG12	54-3/4"	44-1/2"	24"	36-1/8"	9-1/8"	9-1/4"	9-1/4"	14"	2" R.F.150# Flange
GWAC1C27F2CCN	6-5/8"	(1) NFG24	69-3/4"	44-1/2"	24"	36-1/8"	9-1/8"	9-1/4"	9-1/4"	26"	2" R.F.150# Flange
GWAC1C27F2CDN	6-5/8"	(1) NFG36	78-3/4"	44-1/2"	24"	36-1/8"	9-1/8"	9-1/4"	9-1/4"	38"	2" R.F.150# Flange
GWAC2C27F3CDN	8-5/8"	(2) NFG36	85-3/4"	51-1/2"	30"	43-1/8"	11-1/8"	10-1/4"	15"	38"	3" R.F.150# Flange
GWAC3C27F3CDN	10-3/4"	(3) NFG36	90-3/4"	56-1/2"	33"	48-1/8"	13-1/4"	11-3/8"	18"	38"	3" R.F.150# Flange

Growing Strong Since 1907
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NOWATA PROGUARD FILTRATION
member of the amafiltergroup

NFG SERIES VAPOR PHASE ELEMENTS

for use with Nowata GW Series Gas Housings

The Nowata nominal rated NFG Series filter/coalescer cartridge elements have the following characteristics:

1. The molded fiberglass tube is constructed of glass fibers and bonded with inert phenolic binders.
2. The spiral locked core gives added protection against collapse at high differential pressures.
3. Metal end caps are mechanically attached to the center core to protect the ends of the fiberglass media. A special sealant material is used to bond the media, core and end cap to prevent channeling and by-pass.
4. Buna-N gaskets are adhered to the end caps with a heat cured urethane adhesive. The adhesive is resistant to most hydrocarbon liquids.

APPLICATION:

The Nowata NFG Series element is designed to filter-coalesce liquid particles, as well as fine dirt particles from natural gas without excessive pressure differential build-up.

SPECIFICATIONS:

Cartridge Length Availability	12, 24, 36, 72 Inches
Outside Diameter	3-1/2 Inches
Inside Diameter	2 Inches
Nominal Micron Ratings Available	0.5 & 1.0 Micron
Recommended Change-Out Differential Pressure	15 PSI
Maximum Operating Temperature	275°F
Minimum Operating Temperature	-20°F

Cartridge Model Number **NFG12**	12 Inches Long, 1 Micron
Cartridge Model Number **NFG24**	24 Inches Long, 1 Micron
Cartridge Model Number **NFG36**	36 Inches Long, 1 Micron
Cartridge Model Number **NFG72**	72 Inches Long, 1 Micron
Cartridge Model Number **NFG12UF**	12 Inches Long, 0.5 Micron
Cartridge Model Number **NFG24UF**	24 Inches Long, 0.5 Micron
Cartridge Model Number **NFG36UF**	36 Inches Long, 0.5 Micron
Cartridge Model Number **NFG72UF**	72 Inches Long, 0.5 Micron

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