

# 10" Mooney\* Flowgrid\* Noise Controller (FG-NC)

GE's FG-NC Controller is an innovative noise reducing device designed for use with the Mooney Flowgrid regulator. The FG-NC can be thought of as an energy absorber that when used properly can reduce noise levels up to 25 dBA.



Figure 1 - 10" FG-NC

Specifications	
Size	10" (uses two 6" models) (200 mm) (uses two 150 models)
Approximate Weight <sup>2</sup>	148 lbs (67 kg) (Qty 2-6" units) <sup>2</sup>
ANSI Class Rating	150/300 CL, 600 CL
Temperature Working	-20°F to 150°F (-29°C to 66°C)
Emergency	-40°F to 175°F (-40°C to 79°C)
Max. Operating Differential <sup>1</sup>	800 psi (55 bar) <sup>1</sup>
Max. Emergency Differential <sup>1</sup>	1000 psi (69 bar) <sup>1</sup>
Min. Operating Differential	Refer to Flowgrid spec sheet
Max. Inlet Pressure <sup>1</sup>	1480 psig (102 bar) <sup>1</sup>
Flow Direction	Uni-Directional

<sup>1</sup> May be limited by body rating of Flowgrid regulator

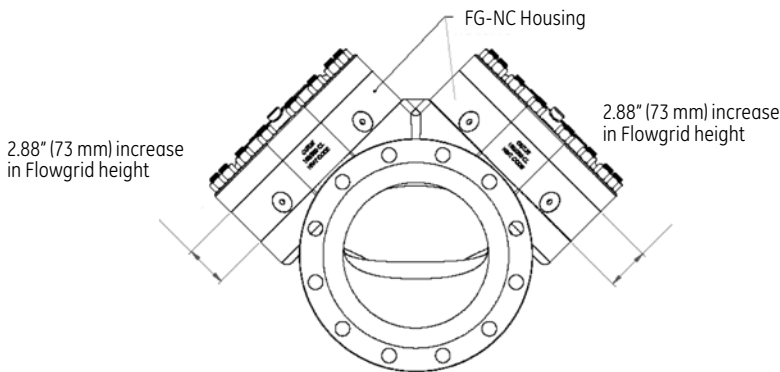
<sup>2</sup> Approximate weight of FG-NC without Flowgrid



Figure 2 - 10" FG-NC with Flowgrid regulator

FG-NC			10" Flowgrid with 100% Throttle Plate and FG-NC		
Cv	C <sub>1</sub>	C <sub>g</sub>	Cv	C <sub>1</sub>	C <sub>g</sub>
435	33	14350	364	33	12000

## Dimensions<sup>3</sup>



<sup>3</sup> Refer to Flowgrid spec sheet for Flowgrid dimensions

Materials of Construction	
Housing	Carbon steel
Plates	Stainless steel
Plate Screws	Stainless steel
Seals	Nitrile
Housing Studs	ANSI B7



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