

3" Mooney* Flowgrid* Noise Controller (FG-NC)

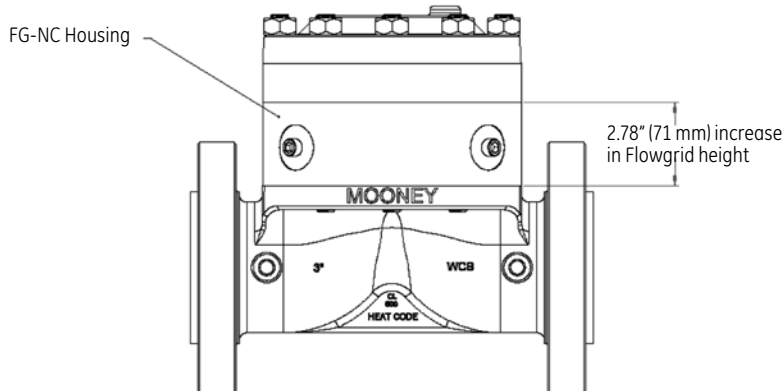
GE's FG-NC is an innovative noise reducing device designed for use with the Mooney Flowgrid regulator. The FG-NC can be thought of as an energy absorber that when used properly can reduce noise levels up to 25 dBA.

Specifications	
Size	3" (80 mm)
Approximate Weight ²	40 lbs (18 kg) ²
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 ¹	800 psi (55 bar) ¹
Max. Emergency Differential ¹	1000 psi (69 bar) ¹
Min. Operating Differential	Refer to Flowgrid spec sheet
Max. Inlet Pressure ¹	1480 psig (102 bar) ¹
Flow Direction	Uni-Directional

¹ May be limited by body rating of Flowgrid regulator
² Approximate weight of FG-NC without Flowgrid

FG-NC			3" Flowgrid with 100% Throttle Plate and FG-NC		
Cv	C ₁	C _g	Cv	C ₁	C _g
63	35	2210	53	35	1860

Dimensions³



³Refer to Flowgrid spec sheet for Flowgrid dimensions



Figure 1 - 3" FG-NC



Figure 2 - 3" FG-NC with Flowgrid regulator

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

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