

# ProLine G2 Grid Network/Rail System



ProLine G2 Grid Straps can be used to create a mounting or support network within the frame. The Grid Straps are furnished in pairs and available in three designs: full-height vertical, horizontal with mounting brackets, and single-piece horizontal with integrated tabs. Horizontal Grid Straps can be mounted front-to-back between frame verticals (depth-mounted), side-to-side between frame verticals or depth-mounted Grid Straps (width-mounted), or even vertically between Grid Straps. Vertical Grid Straps are used to span the full height of an enclosure.

## FEATURES

Quick installation of grid strap(s) using the patented front-load BV-M6 fastener (Blind, Variable M6 screw based fastener), which is an innovative alternative to cage nuts or self-tapping screws

Mounting hole pattern is 25-mm on center, alternating round and rectangular holes to accommodate various hardware: rectangular holes accept BV-M6 fasteners or front-loading cage nuts

Horizontal grid straps are offered in both 1-row and 3-row configurations, as well as bracket or tabbed (single-piece) mounting options

Width-mounting Grid Straps requires an increase in length of 100mm over the nominal frame width (i.e. 600mm wide enclosure requires 700mm grid strap)

Horizontal, Bracket-Mount Grid Straps: Mounting brackets are installed using a single BV-M6 (or front-loading cage nut) per bracket. Grid Strap hooks onto the mounted brackets, and snaps into place for easy installation; this design Grid Strap can be mounted vertically between other Grid Straps, as the assembly is on a single plane

Horizontal, Tab-Mount, Single-Piece Grid Straps: Grid Strap is constructed from a single piece, with a jogged tab that allows the Grid Strap to sit flush with the frame; this design Grid Strap should not be used when mounting vertically between other Grid Straps, as the jogged tab introduces a second plane which may interfere with cover installation on the sides

Furnished in pairs, and constructed from 14 gauge (1.75mm) conductive steel

SPECIFICATIONS

Thickness: 1.9mm  
Finish: Galvanized

Table 1/1						
Catalog Number	Article Number	Height	Width	Depth	Material	Fits Frame Width
P2G1R15	31857				Mild Steel	1400mm
P2G1R17	31858				Mild Steel	1600mm
P2G1R6	31865	25mm	24mm	440mm	Mild Steel	500mm
P2G3R6	31881	75mm	24mm	440mm	Mild Steel	500mm
P2G3R7	31882	75mm	24mm	540mm	Mild Steel	600mm
P2G3R8	31883	75mm	24mm	640mm	Mild Steel	
P2G3R9	31884	75mm	24mm	740mm	Mild Steel	800mm
P2G1RT4	36161				Mild Steel	
P2G1RT5	36162				Mild Steel	400mm
P2G1R10	31854				Mild Steel	
P2G1R11	31855				Mild Steel	1000mm
P2G1R13	31856				Mild Steel	1200mm
P2G1R19	31862				Mild Steel	1800mm
P2G1R4	31863				Mild Steel	
P2G1R5	31864				Mild Steel	400mm
P2G1R7	31866				Mild Steel	600mm
P2G1R8	31867				Mild Steel	

Catalog Number	Article Number	Height	Width	Depth	Material	Fits Frame Width
P2G1R9	31868				Mild Steel	800mm
P2G1RT10	36167				Mild Steel	
P2G1RT6	36163				Mild Steel	
P2G1RT7	36164				Mild Steel	600mm
P2G1RT8	36165				Mild Steel	
P2G1RT9	36166				Mild Steel	800mm
P2G3R10	31871				Mild Steel	
P2G3R11	31872				Mild Steel	1000mm
P2G3R13	31873				Mild Steel	1200mm
P2G3R15	31874				Mild Steel	1400mm
P2G3R17	31875				Mild Steel	1600mm
P2G3R19	31876				Mild Steel	1800mm
P2G3R4	31877				Mild Steel	
P2G3R5	31878				Mild Steel	400mm
P2G3RT10	36176				Mild Steel	
P2G3RT4	36168				Mild Steel	
P2G3RT5	36171				Mild Steel	400mm
P2G3RT6	36172				Mild Steel	
P2G3RT7	36173				Mild Steel	600mm
P2G3RT8	36174				Mild Steel	

Catalog Number	Article Number	Height	Width	Depth	Material	Fits Frame Width
P2G3RT9	36175				Mild Steel	800mm
P2GV3R10	31906				Mild Steel	
P2GV3R12	31907				Mild Steel	
P2GV3R14	31908				Mild Steel	
P2GV3R16	31911				Mild Steel	
P2GV3R18	31912				Mild Steel	
P2GV3R20	31913				Mild Steel	
P2GV3R22	31914				Mild Steel	
P2GV3R6	31915				Mild Steel	
P2GV3R8	31916				Mild Steel	

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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