



Product Information
Frequently Asked Questions
V-GRIP SHELVING and BULK RACK

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NOTE: For the full line of V-Grip Pre-Configured Shelving Units, Components and Accessories, see Equipto Catalog pages 5-25.

Q1. What sizes of V-Grip Shelving are available?

Standard sizes for pre-configured Shelving Units include depths of 12, 18, 24 and 36 inches and widths of 36, 42 and 48 inches. The height for all pre-configured units is 84”.

- Pre-configured 84” high Open or Closed Shelving units with 6, 8 or 9 shelves can be ordered by substituting “6”, “8” or “9” for the “5” or “7” in each pre-configured part number on Catalog page 5.
- Shelving units of different heights can be “built” by ordering individual V-Grip Components. See pages 12-16 of the Catalog for V-Grip Components and Accessories.
- To build Open Shelving Units:
 - Choose (2) Open Shelving Ends per Starter Unit, and (1) per Add-on Unit
 - Add Back Sway Braces to each unit based on Shelving width and height
 - Add desired number of Shelves to each unit
- To build Closed Shelving Units:
 - Choose (2) Closed Shelving Ends per Starter Unit, and (1) per Add-on Unit
 - Add Solid Back Panels to each unit based on Shelving width and height
 - Back Panels consist of two or more Panel pieces at 42-3/4”H
 - Panels overlap as necessary to achieve desired Shelving height
 - Add desired number of Shelves to each unit

Q2. What Shelf options are there?

Types of shelves:

- Heavy-Duty 18-gauge Solid Shelves, double-flanged on 4 sides for strength
- Reinforced Heavy-Duty 18-gauge Solid Shelves (‘R’ option added to Shelf part number)
 - Reinforced Shelves include front and rear Reinforcement Channels for assembly to Shelves.
 - Additional optional End Reinforcements and Center Reinforcements are available for many Shelf sizes.
- Wire Shelves – Wire Shelf Grid that “waterfalls” over front and rear Wire Trusses.



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Q3. What are the weight capacities for each type of Shelf?

- Shelf capacities for Heavy-Duty Solid Shelves are listed on the pre-configured Shelving Unit charts on page 5 of the Catalog.
- All Wire Shelves have a capacity of 700 lbs.

Q4. In what height increments can Shelving be adjusted?

V-Grip Shelves are adjustable in 1-1/2” increments on the V-Grip Uprights.

Q5. Are there options for “pass-through” Shelving (no Back Braces or Back Panels)?

Double-Entry Beams are available for Open Shelving in lieu of Back Braces; this will allow for access to Shelves from both sides of the Shelving Unit.

- If Floor Anchors are installed in Shelving, only one pair of Double-Entry Beams is required per Shelving Unit, usually installed beneath the top Shelf.
- If no Floor Anchors are installed, an additional pair of Double-Entry Beams must be installed beneath a lower Shelf for stability.

Q6. What are some design considerations for Back-to-Back Shelving?

- Back-to-Back Shelving Units share common Back Sway Braces (Open Shelving) or Back Panels (Closed Shelving).
- On Open Shelving, Common Uprights Clamps are used to tie the back-to-back units together. An Upright Clamp is installed at the top and bottom of each back-to-back Upright pair.
- On Closed Shelving, extra Back Panel Brackets are used to tie the “back” Shelving Unit to the common Back Panel. One extra pair of Brackets – (2) #10388 – should be added for each Panel: (2) #10388 for 1-Panel heights, (4) for 2-Panel heights, etc.
- See ***Q15*** for seismic back-to-back Shelving Units.

Q7. What Drawer options are there for V-Grip Shelving?

V-Grip Shelving Drawers are available in 200lb (36”W only) or 400lb capacities.

- Pre-configured Shelving Units with Drawers can be seen on pages 7 & 8 of the Catalog.
- Drawers are available in depths of 18” or 24”, and widths of 36” or 48”.
- Available Drawer heights range from 3” to 13-1/2”, in 1-1/2” increments.
- The height of Drawer sides and backs is typically less than Drawer front height.
- 36”W and 48”W Drawers are available with or without Partition & Divider kits.
- For more detail on Shelving Drawers & Dividers, see pages 14 & 15 of the Catalog.
- New 60”W Drawers are now available in certain configurations – contact Equipito Inside Sales for details.



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Q8. What are some design considerations when adding Drawers to Shelving?

Guidelines to follow for safety and operational purposes:

- A Shelf must be positioned immediately above each group of Drawers.
- Do not exceed 36" vertical spacing between Shelves.
- Do not exceed 36" of continuous Drawers without adding a Shelf for stability.
- Ensure that the proper height Divider Kit is selected according to Drawer height.
- Inside usable width: 36" = 31-7/16" / 48" = 43-1/4"
- Inside usable depth: 18" = 16-5/16" / 24" = 21-7/8"
- 48" wide Drawers are 400# capacity only and are usable only with V-Grip Shelving.
- Standard Drawers for 200# and 400# capacities are not interchangeable. See **Q10** below for information on the new "S" Option Drawers.

Q9. Are the Drawers in V-Grip Shelving the same as those in Modular Drawer Cabinets?

The Drawers use the same body, but require different Brackets for installation. If ordering drawers for Shelving, the part numbers on page 14 of the Catalog (with our without the new "S" Option prefix) MUST be used.

Q10. What are the new "S" Option Drawers?

- As of July, 2015, new "S" Option Drawers are available in both 200lb and 400lb capacities. New part numbers simply add an "S" at the beginning of the existing part number (e.g. S8603N, S8673H).
- These Drawers use a new "S" Slide, which eliminates the need for the Channels and Cradles currently used for 400lb capacity Drawers.
- The "S" Slides for both 200lb and 400lb Drawers attach to the same V-Grip Bracket; this allows for interchangeability of 200lb or 400lb Drawers at the same location.
- Some design changes were made in the "S" Drawers to accommodate the new Slides, so old-style and new-style Drawers are not interchangeable. For replacement or retrofit situations, please contact Equipto Inside Sales to ensure that the correct components are ordered.

Q11. What are V-Grip Bulk Rack Unit weight capacities?

Weight capacities (per level) for pre-configured Bulk Rack Units (see Catalog pages 21-22):

- Light/Standard Duty 1100-1500 lbs.
- Medium Duty 1500-2000 lbs.
- Heavy Duty 2000+ lbs.

For load ratings of individual Bulk Rack Beams, Solid Steel Decking and Wire Decking, see page 23 of the Catalog. NOTE: Overall capacity of a Bulk Rack "storage level" is the capacity of either the Decking or the Beams – whichever is LOWER.



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Q12. What Bulk Rack Beam options are there for bulk storage?

Beam Options and Capacities:

Beam Type	Length	Height	Load Rating, pair of beams (lbs.)	Part #
Light Duty	4'	2-5/8"	1460	9434
	5'		1208	9435
	6'		1163	9436
Medium Duty	4'	2-7/8"	2112	9444
	5'		1690	9445
	6'		1622	9446
	8'	3-3/4"	1557	9448
Heavy Duty	4'	3-1/2"	3454	9454
	5'		2763	9455
	6'		2630	9456
	8'	3-3/4"	2667	9458

Q13. What Bulk Rack Decking options are available?

Solid Corrugated Steel (standard) and Drop-in Wire Grids are the two available types of decking for use with Bulk Rack Beams. Units may be ordered with no decking at all. V-Grip Wire Rack is also available, with Wire Deck Grids that “waterfall” over Wire Truss Beams (see Catalog Page 20).

Q14. What accessories are available for V-Grip Shelving?

Some of the available accessories for V-Grip shelving are:

- Doors (Door Kits fit over Shelving Drawers)
- Shelf Dividers (Full-Height and Sliding options)
- Hanger Bars
- Wire Back Grids and End Grids
- Front Bases, Bin Fronts, Label Holders
- Floor Anchors (standard and seismic options)
- Shelf Drawers/Bins
- Perimeter Bases with Casters for Shelving mobility
 - V-Grip Uprights must be ordered with a “TU” option.
 - A threaded insert is welded to the Uprights so that the Perimeter Base with Casters can be assembled to the Shelving Unit.



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Q15. What are the guidelines for seismic applications?

The following seismic parts are used in addition to (or instead of) standard parts for seismic applications:

- Back Panel Brackets, pair (for Closed Shelving): (#190301U & #190301U-2)
 - Quantities required for each single Shelving Unit: (2) Pairs of #190301U Brackets for single Back Panel heights, (4) pairs for 2-panel heights, (6) pairs for 3-panel heights.
 - On back-to-back Shelving Units that share a Back Panel, there is a one-to-one match-up of Back Panel Brackets on the “back” unit. Part number #190301U-2 includes 2 pairs of Back Panel Brackets and longer Screws to aid in fastening both “front” and “rear” Brackets together. In addition to the quantities above, add (1) #190302U-2 for each Panel: (1) for 1-Panel heights, (2) for 2-Panel heights, etc.
- Back Braces, pair (for Open Shelving): (Follow Catalog guidelines for # of pairs required based on height)
 - 36”W (#190302U)
 - 42”W (#190308U)
 - 48”W (#190303U)
 - 96”W (#190309U)
- End Braces, pair (for Open Shelving): (Follow Catalog guidelines for # of pairs required based on height)
 - 12”D (#190304U)
 - 18”D (#190305U)
 - 24”D (#190306U)
 - 36”D (#190307U)
 - 48”D (#190310U)
- Floor Anchors:
 - Center (#190317A)
 - Left Hand (#190319A)
 - Right Hand (#190320A)
- Upright Splicer (if Shelving height requires a 2-piece Upright): (#5568)
- Shelf Locking Clip: (#10231)
 - 4 per Shelf suggested on 3 Shelves per unit
 - One set on Bottom Shelf; one set on 2nd Shelf from Top; One set on Shelf closest to the Seismic Back Panel Bracket
- Common Upright Clamps: (#10381)
 - For Open back-to-back Shelving Units
 - (2) required per pair of back-to-back Uprights