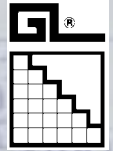


FOR 50 YEARS



10 56 13/EZS
BuyLine 3366



E-Z SHELVING SYSTEMS, Inc.

**Manufacturer of Space-Saving
Cantilever Shelving
& Hardware**



▼ **Completely Open-Front
Shelving (No Posts!)**

▼ **Infinitely Adjustable**

▼ **Totally Usable Shelf
& Floor Space**

▼ **Heavy-Duty, Rugged
Construction**

▼ **Shelf Lengths / Widths
Built to Your Specs**

▼ **Fast Delivery & Ready
to Install**


▼ **Built to Last For
Maximum ROI**

▼ **Total Sales Support**



OPTION
AVAILABLE

Conforms to
U.S. Military Specifications

Proudly made
in the U.S.A. 

Selected by Architects Nationwide
website: www.e-zshelving.com

OUR BUILT-IN BENEFITS

E-Z Shelving Systems were designed with convenience in mind. Unlike four-post shelving, E-Z's cantilevered shelving decks have **no** post supports to get in the way, making shelf loading and unloading – E-Z!

E-Z Shelving Systems feature:

- 1) 100% usable shelving surface, from section to section, wall to wall and front to back! There are *no* posts to restrict stock placement.
- 2) Infinite height adjustability, no slots or keyholes to line up for leveling. Shimming is eliminated.
- 3) Wall-mounted shelving requires no support from the floor. Floor area is therefore open and easily maintained.
- 4) All components are of extra heavy gauge steel (see E-Z specifications).

also:

- 5) E-Z fabricates to exact room dimensions at no extra charge. Rooms or walls of any dimension can be completely shelved leaving no voids.
- 6) Shelving is available in galvanized, painted galvanized, stainless steel, or aluminum finishes. NSF listing also available.
- 7) Unrivalled strength and ruggedness.
- 8) **AN UNPRECEDENTED 10 YEAR LIMITED WARRANTY.** (consult price list for warranty details.)

"A completely flexible industrial shelving system."

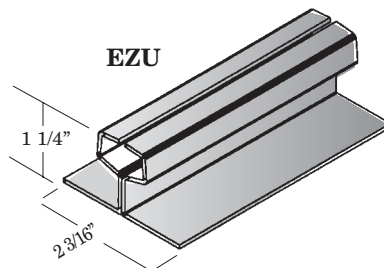
Custom Tailored

Precise shelf lengths to your specifications, without custom upcharge.

UPRIGHT SPECIFICATIONS

E-Z Uprights for Wall-Mounted Storage

Shall consist of 14 gauge rolled steel channels, continuously seam-welded electro zinc plated and chromate dipped to ensure against rust and corrosion, punched to accept 1/4" lag screws, bolts, etc., for mounting to walls. Mounting holes shall begin 2" from each end.



Stock upright lengths available:

EZU-1	12" length upright
EZU-2	24" length upright
EZU-3	36" length upright
EZU-4	48" length upright
EZU-5	60" length upright
EZU-6	72" length upright
EZU-7	84" length upright
EZU-8	96" length upright
EZU-10	120" length upright
EZU-12	144" length upright

Note: Stock uprights can also be cut to your desired length. NSF-listed uprights, available in standard electro-zinc finish, series #304 stainless steel, or #6061-T6 extruded aluminum.

Note: Stainless uprights are brake formed.

Aluminum extruded uprights (part no. EZU/A) are now available.

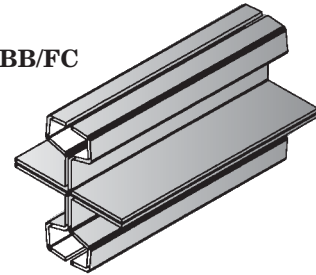
E-Z Uprights for Center Room Storage

Two uprights (shown above), are bolted or welded back-to-back, and used for floor-to-ceiling application. Used in conjunction with E-Z foot and ceiling bracket assemblies for secured and rigid anchoring. This provides the best method for maximizing storage space in the center of any size room.

UPRIGHT SPECIFICATIONS

Stock uprights available in lengths up to 12 ft. Longer uprights available upon special request.

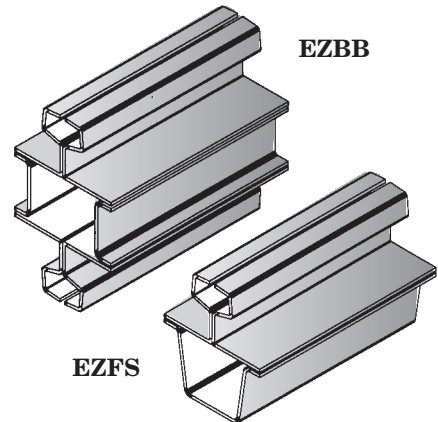
EZBB/FC



E-Z Freestanding (Single Faced) and Back-to-back (Double Faced) H.D. Uprights

Heavy-duty uprights shall consist of 14 gauge rolled steel channels, continuously seam-welded, then unitized to a 14 gauge reinforcement channel, electro-zinc plated and chromate dipped. Used in conjunction with EZXB anti-sway bars.

Note: Reinforcement channels add 3" to depth of upright(s).



Back-to-back (EZBB) (Double Faced) Unitized Uprights

EZBB-5	60" length upright
EZBB-6	72" length upright
EZBB-7	84" length upright
EZBB-8	96" length upright

Freestanding (EZFS) (Single Faced) Unitized Uprights

EZFS-5	60" length upright
EZFS-6	72" length upright
EZFS-7	84" length upright
EZFS-8	96" length upright

Other lengths available.

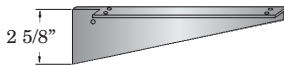


BRACKET SPECIFICATIONS

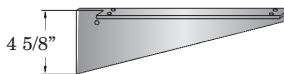
E-Z Single Shelf Brackets (EZB) with Clamps

Shall be of 12 gauge steel electro-zinc plated and chromate dipped, after fabrication, assuring complete protection of all sheared edges. Each bracket shall be furnished with E-Z clamp assembly, zinc-plated 3/8" bolt and nut. Brackets available top flanged left or right, depending on mounting position at ends of shelving runs. See chart on page 5 for recommended load limitations.

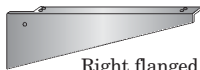
Heel Height Dimensions



6", 8" brackets: 2 5/8", 12 ga.
10", 12", 14" brackets: 3 1/8", 12 ga.



16" 18", 20", 22" brackets: 4 5/8", 12 ga.
24", 26", 28", 30" brackets: 5 3/8", 12 ga.



Right flanged



Left flanged

Stock bracket sizes are as follows:

EZB-6	6" length for 6" shelves
EZB-8	8" length for 8" shelves
EZB-10	10" length for 10" shelves
EZB-12	12" length for 12" shelves
EZB-14	14" length for 14" shelves
EZB-16	16" length for 16" shelves
EZB-18	18" length for 18" shelves
EZB-20	20" length for 20" shelves
EZB-22	22" length for 22" shelves
EZB-24	24" length for 24" shelves
EZB-26	26" length for 26" shelves
EZB-28	28" length for 28" shelves
EZB-30	30" length for 30" shelves

For metal shelves use the same bracket size as shelf depth to assure match-up of shelf attaching holes.

For wood shelves, use bracket length 2" shorter than the actual shelf depth. Custom bracket lengths available upon special request.

EZB denotes standard bracket style. Consult price list for NSF and stainless steel and aluminum bracket designations.

Note: Clamp style may vary.

BRACKET SPECIFICATIONS

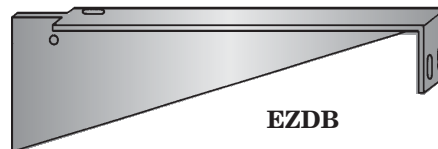
E-Z Double Brackets (EZDB) with Clamps

Shall support two adjoining shelves on a common upright. Brackets of same construction as EZB shelf bracket, with addition of a 14 gauge steel plate welded to its top horizontal flange. Double bracket shall be electro-zinc plated and chromate dipped to protect all sheared edges. Available in the following sizes, and specifically designed to fit the shelf size shown on page 4:

EZDB 12"	for 12" deep shelves
EZDB 14"	for 14" deep shelves
EZDB 16"	for 16" deep shelves
EZDB 18"	for 18" deep shelves
EZDB 20"	for 20" deep shelves
EZDB 22"	for 22" deep shelves
EZDB 24"	for 24" deep shelves
EZDB 26"	for 26" deep shelves
EZDB 28"	for 28" deep shelves
EZDB 30"	for 30" deep shelves

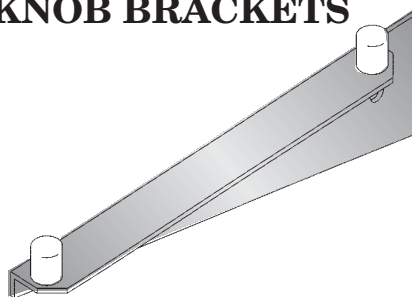
Other sizes available on special order.

Consult price list for NSF and stainless steel and aluminum double bracket designations.



EZDB

E-Z SINGLE (EZB-K) & DOUBLE (EZDB-K) KNOB BRACKETS



For use with wire shelving to support either a single or two adjoining wire shelves on a common upright.

Stock sizes available:
12", 14", 15", 18", 21" & 24".

BRACKET SPECIFICATIONS

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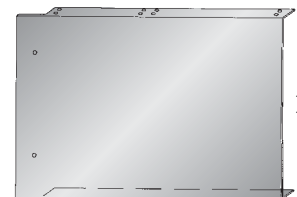
E-Z Single Foot (EZFB) & Double Foot (EZDFB) Brackets

For use with freestanding and back-to-back shelving systems. Brackets shall be furnished with 2 E-Z clamp assemblies, zinc-plated 3/8" bolts and nuts. Brackets shall be of 12 gauge steel, electro-zinc plated and chromate dipped. Foot brackets shall also serve as a base for the bottom shelf. Sizes available:

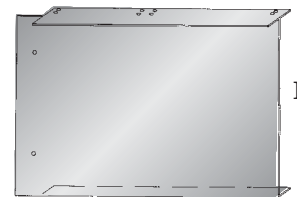
EZFB (or EZDFB) 129	12"x91/2" bracket
EZFB (or EZDFB) 149	14"x91/2" bracket
EZFB (or EZDFB) 169	16"x91/2" bracket
EZFB (or EZDFB) 189	18"x91/2" bracket
EZFB (or EZDFB) 209	20"x91/2" bracket
EZFB (or EZDFB) 229	22"x91/2" bracket
EZFB (or EZDFB) 249	24"x91/2" bracket
EZFB (or EZDFB) 269	26"x91/2" bracket
EZFB (or EZDFB) 289	28"x91/2" bracket
EZFB (or EZDFB) 309	30"x91/2" bracket

Above brackets also available in 5 1/2" height, on special order.

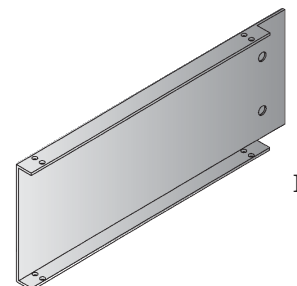
Consult price list for NSF and stainless steel foot and double foot bracket designations.



EZFB



EZDFB



EZFB

SHELF SPECIFICATIONS

Standard Finish E-Z Galvanized Steel Shelving (EZGS)

Shall be constructed of 16 gauge G-90, LFQ, ASTM A-653 galvanized sheet, with front and rear edges flanged in two directions to provide structural rigidity, and to withstand shelf failure.*

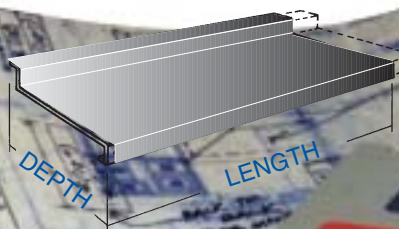
Standard shelf lengths are: 36", 48", and 60". Shelves of virtually any length, however, can be fabricated allowing a "glove fit" regardless of room size, and without custom upcharge. Stock shelf depths are as follows:

EZGS 6"	EZGS 18"
EZGS 8"	EZGS 20"
EZGS 10"	EZGS 22"
EZGS 12"	EZGS 24"
EZGS 14"	EZGS 28"
EZGS 16"	EZGS 30"

Optional shelf materials are: 18 gauge, stainless steel, type #304, and .080 aluminum, series #5052.

* Consult chart on page 5 for recommended shelf load capacities.

Consult price list for NSF, stainless steel and aluminum shelf designations.



Shelves will be fabricated to suit your finished inside room dimensions at no extra cost. Ask us about our new louvered shelving!

SHELF SPECIFICATIONS

E-Z Painted Shelving (EZPS)

16 gauge heavy-duty phosphate-primed steel, shall be coated with electrostatically applied plastic powder resin. Standard Colors: white, tan black and gray. Custom colors available on request.

Technical Data:

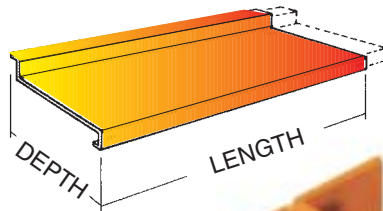
Hardness: 2H tested in accordance with ASTM D-3363

Flexibility: Passes 1/8" (3mm) conical mandrel tested in accordance with ASTM D-522

Impact Resistance: 160/160 direct and reverse tested in accordance with ASTM D-2794

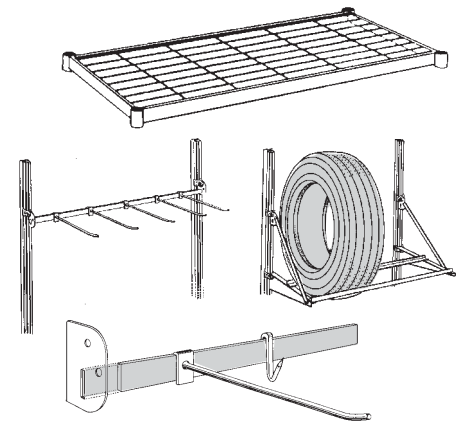
Tensile Strength: (5,300 psi) (373 kg per square centimeter)

Elongation: 3%



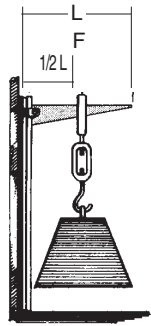
ACCESSORIES & SPECIALTY ITEMS

- ▼ E-Z Closet Shelf / Rod Assemblies
- ▼ E-Z Meat Brackets & Rails
- ▼ E-Z Meat Hooks
- ▼ E-Z Utility Hooks
- ▼ E-Z Tire Racks
- ▼ E-Z Custom Fabrication
- ▼ E-Z Wire Shelving

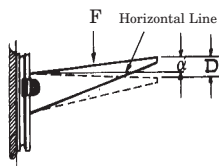


Attention Architects:
Mail or fax us your letterhead for a FREE 6" sample of our E-Z upright, bracket and shelf.

DESIGN BASIS FOR FULL LOADS



Method of load testing of E-Z Shelving System brackets



When using 4 ft. long standard E-Z metal shelves for “continuous runs” (where two shelf sections use one common double bracket and upright), only the carrying capacity of the double bracket (EZDB) need be considered. (See allowable bracket loading chart.) The double bracket carries half the load of the two adjoining shelves to equal one shelf load per double bracket.

Note: The brackets at the ends of a single shelf section each carry only one half the shelf load.

The following data on shelf spans is for a single shelf section and in some cases should be reduced by one half when using double brackets.

On the adjoining chart, “F” (load at failure) is the load at which permanent deflection (or bending) may start.

DESIGN BASIS FOR SHELF SPANS

The charts below have been designed to give the planner an awareness of the capacity and economics of the E-Z Shelving System.

Typical installations call for uprights spaced on four foot centers. However, by the charts you will notice that E-Z 6 ft. spans have a carrying capacity **double** that of most other shelving sections that are only half as long. E-Z Shelving is called upon when reliability cannot be compromised. Whether the application is retail merchandise display, bank vault coin storage, linen storage, frozen food storage, or hospital storage, E-Z Shelving will outperform all others in the most demanding situations.

For TRUCKS AND VANS, there is no finer shelving available than E-Z Shelving Systems.

We “Custom-Tailor” our shelving to your vehicle!

NEW:
Custom shelving now available for CERT trailers and EMT Vehicles.

Note:
Special seismic components and modifications are also available upon request. Call for information.

Allowable Bracket Loading (per bracket)

Bracket Length L	Pre-Set Angle α	Load at Failure F	Deflection at Failure D	Recommended Max. Load	Deflection at Rec. Load
6	.078"	1125 lbs.	5/32"	750 lbs.	1/16"
8	.104"	925	1/4"	625	1/8"
10	.130"	900	3/8"	590	3/16"
12	.156"	870	7/16"	560	1/4"
14	.182"	840	1/2"	540	5/16"
16	.208"	810	13/32"	530	1/4"
18	.234"	750	7/16"	465	9/32"
20	.260"	690	15/32"	395	5/16"
22	.286"	625	1/2"	390	11/32"
24	.312"	610	5/16"	360	1/8"
26	.338"	560	3/8"	345	3/16"
28	.364"	530	7/16"	335	1/4"
30	.390"	500	1/2"	310	5/16"

Pre-set angle of bracket (α) Position of load for testing (F) Measure of deflection at failure (D). Based upon evenly distributed weights. Not for aluminum.

Allowable Shelf Loading Capacity (In Pounds Per Sq. Ft.)

SHELF SIZES (DEPTH)	Length of Span Between Brackets				
	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.
EZGS-12	560	370	280	220	140
EZGS-16	405	270	200	160	100
EZGS-18	310	200	150	110	70
EZGS-20	235	150	117	90	60
EZGS-24	197	130	100	70	55
EZGS-28	145	96	70	60	45

Allowable Concentrated Loading In Pounds

FOR ALL SHELF SIZES	LENGTH OF SPAN BETWEEN BRACKETS				
	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.
	800	600	450	350	300

E-Z CANTILEVER SHELVING SYSTEMS USERS INCLUDE:

E-Z shelving users include, but are not limited to: airport baggage claim areas, athletic stadiums, banks, breweries, bus terminals, casinos, computer manufacturers, department stores, drug stores, fire departments, hotels/motels, hospitals, janitorial storage, machine shops, manufacturing plants, nuclear power plants, pharmaceutical plants, mortuaries, police stations, prisons, refineries, restaurants, school districts, state and municipal facilities, supermarkets, telephone companies, theaters, theme parks, U.S. and foreign militaries, U.S. Postal Service, universities, walk-in cooler manufacturers, warehouses, wastewater treatment plants, and zoos.

E-Z SHELVING users include: AT&T • American Airlines • Anheuser-Busch • BASF • Bayer Inc. • Bechtel, Inc. • Boeing Military Airplanes • Bristol Meyer-Squibb • Brookstone • CAL TRANS • Commonwealth Edison • Compri/Doubletree Hotels • Dow Chemical • E.I. DuPont Corp. • Federal Bureau of Prisons • Genentech • General Electric • General Mills • Gensler • Gilbert/Robinson, Inc. • Hewlett-Packard • Holiday Inns • IBM • LTV Aerospace • Leaf, Inc. • Lever Brothers • Loctite Corp. • Lockheed • Los Alamos Proving Grounds • Marathon Oil Co. • Martin Marietta Corp. • Merck & Co. • Mobil Oil • Nabisco Brands • NASA • Nor-Lake, Inc. • Northwest Airlines • The Olive Garden • Pentagram, Inc. • Pizza Hut/Pepsico • Plumrose, Inc. • R.J. Reynolds Co. • Ralph Lauren-Polo • Ralph's Markets • Ramada Inns • Red Lobster Restaurants • Safeway Food Stores • Salt Lake City School Districts • Sandia National Laboratories • Skidmore Owngins Merrill • Smith and Hawken • Stanford University • Thriftway/IGA Stores • Union Station, Washington, D.C. • U.S. Defense Department • U.S. Postal Service • United Technologies • Walt Disney Corp. • Weis Markets • Westinghouse Corp.

*Performance Proven
Cantilever Shelving. Selected
By Architects Nationwide.*



E-Z FREESTANDING SHELF SECTIONS & CONTINUOUS RUNS

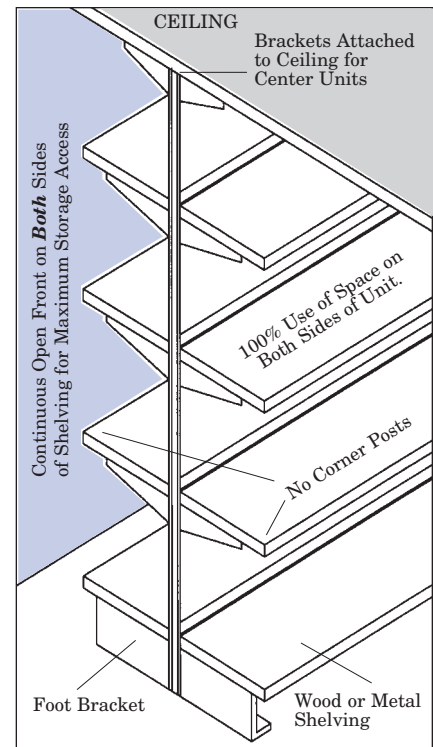
Freestanding back-to-back sections and freestanding single-sided sections (shown) are available with heavy-duty unitized uprights (see page 2), and assemble with all other standard E-Z parts, as illustrated on pages 3 & 4. The E-Z components make up a wide range of E-Z freestanding shelf applications. This shelving system may be used for any desired length, depth, height, or number of tiers. For heights over seven feet, E-Z ceiling bracket is recommended to assure stability. (Where the ceiling cannot be accessed for anchoring, other methods can be used.) Shelves are 16 gauge galvanized steel. Uprights are 14 gauge steel supports to form a strong, rigid welded assembly; brackets are 12 gauge steel; cross braces are 1" x 7 gauge steel; all are electro-zinc plated and chromate dipped.



ADAPTATIONS

Floor-to-ceiling – Back-to-back

Interior space storage is best achieved by placing two uprights back-to-back with 1/4" screws. Then, by fastening foot brackets to the bottom, and ceiling brackets to the top, which are anchored to the ceiling, you have a quick shelving system which



is rugged, built to take abuse, and requires a minimal amount of labor to install. For extra heavy shelf loads, sandwich a 2" x 4" stud between the two uprights that are placed back-to-back, or use the unitized welded heavy-duty uprights mentioned on page 2. Anti-sway cross braces are also used, in the same manner as shown in the freestanding system at left. Plywood, hardboard, sheet metal, expanded metal, or wire mesh may be used in lieu of steel cross braces.



E-Z SHELVING SYSTEM UPRIGHTS... E-Z TO INSTALL

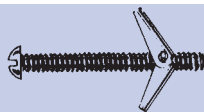
▼ Fasten E-Z uprights to studs of frame walls. Use 1/4" lag screws at least 2 1/2" long.



▼ Fasten E-Z uprights to masonry walls using expansion shields and 1/4" lag screws at least 2 1/2" long.



▼ Fasten E-Z uprights to hollow tile, block walls, or metal studs with 1/4" toggle bolts.



▼ Fasten E-Z uprights to solid concrete walls using nail gun.



Call us for other anchoring recommendations.

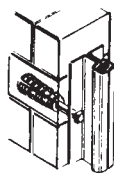
For proper spacing of uprights, see chart on page 5.

Attach uprights using standard fasteners

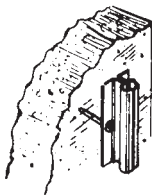
Lag screws – set at angles for maximum strength in wood



Toggle bolts – easiest to use with tile or block

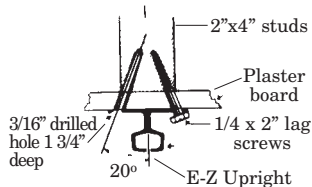


Expansion shields – grip securely in masonry



Nail gun – fastest for solid concrete

Typical fastening into 2" x 4" studs



E-Z SHELVING SPACEMAKER™ SYSTEM

Engineered to Achieve Maximum Usage of Your Refrigerated Storage Space.

E-Z Shelving Spacemaker Systems has a unique cantilevered design enhanced by the following features:

Innovative: works with both standard insulated refrigerator/freezer walls or foamed walls with thin skins.

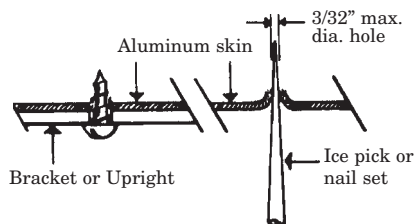
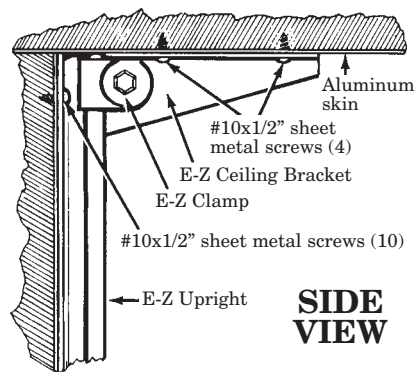
Available with accessories such as meat rail brackets, meat rails, meat hooks, etc.

Strong, Rigid, Heavy-Duty: engineered to handle your present, as well as future refrigerated commodity needs.

Rolled steel or stainless steel E-Z uprights will distribute the loads in your standard foamed box without failure when installed simply as shown in the detailed sketch below. The E-Z System is guaranteed to carry the loads in your coolers and freezers per our charts.

No Wall Backing Required: experience has proven that on foamed wall sections as light as 26 gauge, **no backing is required to mount E-Z uprights to carry capacity loads.**

No Floor Supports Required: the cantilevered design concept eliminates the need for floor supports providing an uninterrupted shelf of infinite length and yielding unobstructed floor space, facilitating maintenance.



The correct method for installing the upright and ceiling bracket on the skin of a walk-in, is shown above.

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OPTION
AVAILABLE



PLANNING YOUR DESIGN OR BID

Architects and designers typically use both plan and elevation views (front & side) to show their shelving requirements.

Either the *plan* or the *front elevation* view is sufficient, providing other pertinent information is included in the specification. The following information is required in order to accurately quote your job.

1. Depth of shelves (front to rear dimension).
2. Length of shelving run (overall length of each wall or area to receive shelving).
3. Height of uprights. (This is typically higher than the dimension of the top shelf A.F.F.).
4. Number of tiers (shelving levels).
5. Shelving type, e.g., wall-mounted, single-sided freestanding, back-to-back freestanding, etc.
6. Finish
7. Destination of project, for calculation of freight cost.

Use of the following chart and illustration format examples can be helpful when planning your shelving layout.

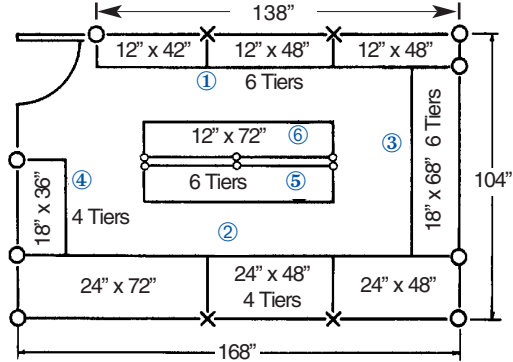
E-Z CHART

Item	View						TOT
	①	②	③	④	⑤	⑥	
EZU-4		4		2			6
EZU-8	4		2		3	3	12
EZCB-6					3	3	6
EZB-12	12				15	15	42
EZB-18			12	8			20
EZB-24		8					8
EZDB-12	12						12
EZDB-24		8					8
EZDFB-129					1	1	2
EZFB-129					2	2	4
EZGS-12x42	6						6
EZGS-12x48	12						12
EZGS-18x36				4			4
EZGS-18x68			6				6
EZGS-24x48		8					8
EZGS-24x72		4					4
EZGS-12x72					6	6	12

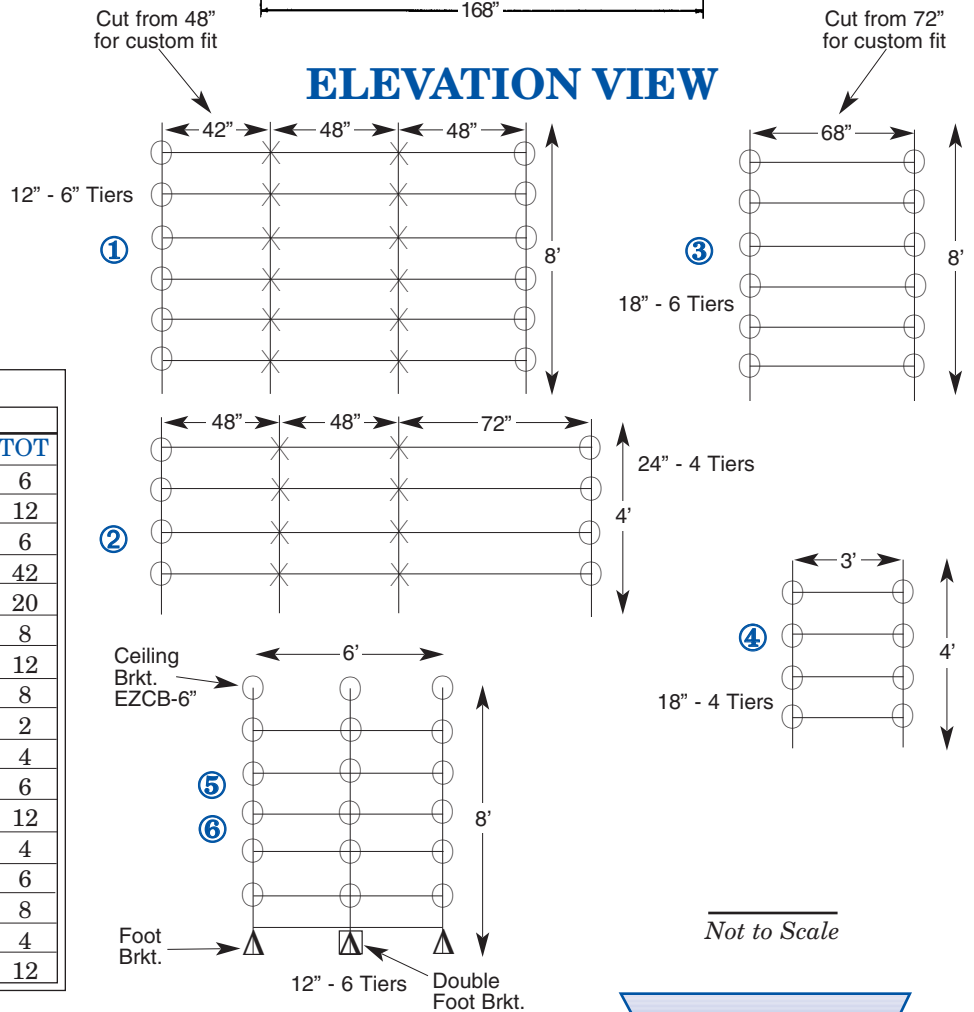
KEY

- Indicates Single Bracket on Upright
- × Indicates Double Bracket on Upright
- △ Indicates Single Foot Bracket on Upright
- ▢ Indicates Double Foot Bracket on Upright

PLAN VIEW



ELEVATION VIEW



Not to Scale



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