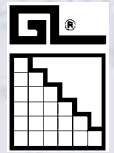


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BuyLine 3366



**FOR 50 YEARS**

# **E-Z SHELVING SYSTEMS, INC.**

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




- Shelving Systems Manufactured to Any Size Practical
- Infinitely Adjustable Shelf Tiers
- Additional Tiers Can Be Added With No Tear Down
- Shelves Form a Continuous Backsplash
- 1 1/4" Clearance Between Wall and Shelf
- Heavy-Duty Construction
- "Spacemaker System" for Walk-In Coolers
- Shelving Available in Many Types and Finishes

**website: [www.e-zshelving.com](http://www.e-zshelving.com)**  
**email: [info@e-zshelving.com](mailto:info@e-zshelving.com)**



Conforms to U.S. Military Specifications

Proudly made in the U.S.A. 

OPTION AVAILABLE

## OUR BUILT-IN BENEFITS

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

### E-Z Shelving Advantages:

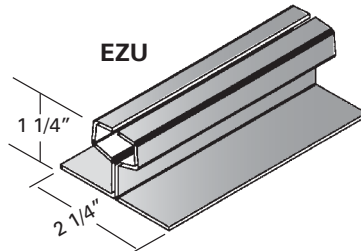
1. Open-front shelving (no posts) for 100% usable space.
2. Totally usable floor space under shelf.
3. Shelving systems manufactured to any size practical allowing for custom design at no additional cost.
4. Shelf tiers are infinitely adjustable, and new tiers can be installed without disassembly.
5. Additional tiers can be added with no tear down required.
6. Shelves form a continuous back-splash which keeps stored items nested to protect both wall and stored items.
7. Systems' design assures a 1-1/4" clearance between wall and shelf allowing for ventilation and utility chases.
8. Heavy-duty industrial grade rugged construction.
9. Special ceiling brackets allowing "Spacemaker System" to be installed in walk-in coolers.
10. Shelving available in galvanized, stainless steel, aluminum and powder coat. Shelving types include; solid, louvered, wire and NSF.

**A completely flexible industrial shelving system.**

## 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:

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

**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.

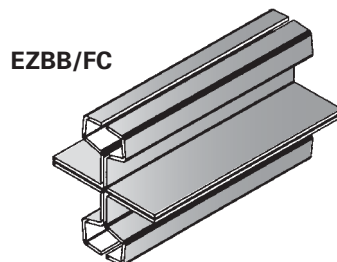
**Note:** Stainless uprights are brake formed.

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

### E-Z Uprights for Center Room Storage

Two uprights (shown below), are bolted or welded back-to-back, and used for floor-to-ceiling application. Used in conjunction with 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.

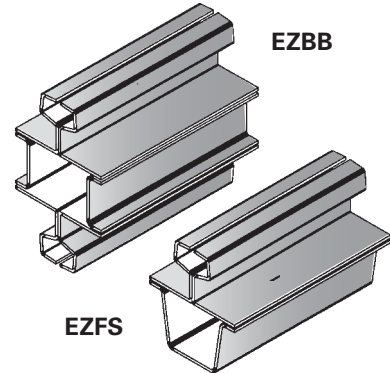
Stock uprights available in lengths up to 12 ft. Longer uprights available upon special request.



### 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 uprights)



#### Back-to-back (EZBB) (Double Faced) Unitized Upright Lengths:

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

#### Freestanding (EZFS) (Single Faced) Unitized Upright Lengths:

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

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 4 for recommended load limitations.

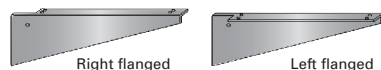


6", 8" brackets: 2 5/8", 12 ga.  
10", 12", 14" brackets: 3 1/8", 12 ga.



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

## E-Z Single Shelf Brackets (EZB) with Clamps (continued)



### Stock bracket sizes:

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.

## 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 specifically designed to fit the shelf size stated:

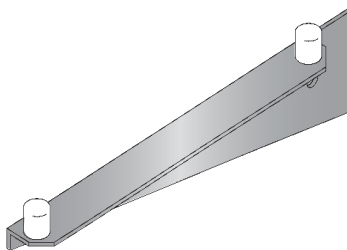
EZDB	12"	for	12"	deep shelves
EZDB	14"	for	14"	deep shelves
EZDB	16"	for	16"	deep shelves
EZDB	18"	for	18"	deep shelves
EZDB	20"	for	20"	deep shelves
EZDB	22"	for	22"	deep shelves
EZDB	24"	for	24"	deep shelves
EZDB	26"	for	26"	deep shelves
EZDB	28"	for	28"	deep shelves
EZDB	30"	for	30"	deep shelves

Other sizes available on special order.

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



## 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:

12", 14", 15", 18", 21" & 24".

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

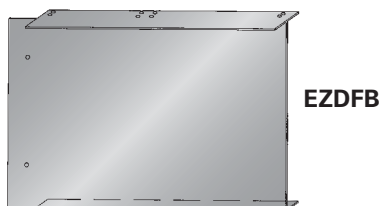
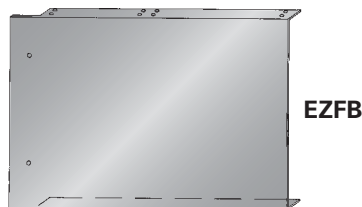
For use with freestanding and back-to-back shelving systems. Brackets shall be furnished with 2 E-Z clamp assemblies, zinc-plated 3/8" bolts and nuts. Brackets shall be of 12 gauge steel, electro-zinc plated and chromate dipped. Foot brackets serve as a base for the bottom shelf. Standard height is 9 1/2".

5 1/2" H available by special order.

### Stock Sizes:

EZFB	(or EZDFB)	129	12" x 9 1/2"
EZFB	(or EZDFB)	149	14" x 9 1/2"
EZFB	(or EZDFB)	169	16" x 9 1/2"
EZFB	(or EZDFB)	189	18" x 9 1/2"
EZFB	(or EZDFB)	209	20" x 9 1/2"
EZFB	(or EZDFB)	229	22" x 9 1/2"
EZFB	(or EZDFB)	249	24" x 9 1/2"
EZFB	(or EZDFB)	269	26" x 9 1/2"
EZFB	(or EZDFB)	289	28" x 9 1/2"
EZFB	(or EZDFB)	309	30" x 9 1/2"

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



## SHELF SPECIFICATIONS

### Standard Finish E-Z Galvanized Steel Shelving (EZGS)

Shall be constructed of 16 gauge G-90, LFO, ASTM A-653 galvanized sheet, with front and rear edges flanged in two directions to provide structural rigidity, and to withstand shelf failure.\*See chart on page 4 for allowable loading.

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:

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

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

### E-Z Painted Shelving

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:

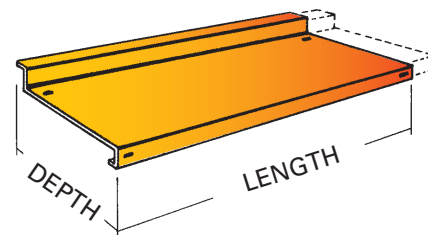
**Hardness:** 2H tested in accordance with ASTM D-3363

**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%



**Custom Tailored:**  
Precise shelf lengths to your specifications  
without custom upcharge.

## INSTALLING UPRIGHTS ARE E-Z

We can provide anchoring and or blocking recommendations with your quotation per your request.

The uprights height needs to allow for top shelf to be located one foot below the top of the uprights.

Walls need sufficient backing for proper utilization of fasteners.

## E-Z SHELVING SPACEMAKER™ SYSTEM

### Engineered to Achieve Maximum Usage of Your Refrigerated Storage Space.

E-Z Shelving Spacemaker Systems has a unique cantilever 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 cantilever design eliminates the need for floor supports providing an uninterrupted shelf of infinite length and yielding unobstructed floorspace, facilitating maintenance.

### OUR CUSTOMER LIST:

AT&T • Alaska Airlines • Apple • Ansel Adams Museum • Army Corp of Engineers • The Australian Embassy - Washington, D.C. • BASF • Bayer Corp • Bechtel, Inc. • Boeing Military Airplanes • Brookstone • Burton Snowboards • Cal Trans • City of Los Angeles • Comcast Cable • Community Environmental Council • Conde' Nast Publications • Continental Airlines • Del Webb Development • Dow Chemical • Dupont • ExxonMobil • Federal Bureau of Prisons • General Electric • General Mills • U.S. Dept of Homeland Security • IBM • John Hopkins University Medical Center • Lever Brothers • Lockheed Martin • The Mayo Clinic • Martin Marietta • Motorola • NASA • Nabisco • National Institutes of Health • Naval Undersea Warfare Center • NYU School of Medicine • Parkland Memorial Hospital • PEPSICO • Pizza Hut • Ralph Lauren • POLO • The Smithsonian Institute • Stanford University • Trader Joe's • Tulane University • UPS • United States Department of Agriculture • United States Postal Service • University of Michigan • University of Nevada at Las Vegas • University of Pennsylvania • Medical Center - Pathology Laboratory • University of Rochester Hospital • University of Texas - Cyclotron Project • United States Embassy - Beijing, CHINA • Walt Disney Corporation • Woods Hole Oceanographic Institute • Yale University Medical School • Wired Magazine

## ACCESSORIES & SPECIALTY ITEMS

- Louvered Shelves
- Turnout Gear Shelves
- Wire Shelves:
  1. Zinc
  2. Chrome
  3. Epoxy
  4. Stainless Steel
- Seismic Accessories

## DESIGN BASIS FOR FULL LOADS

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) needs 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.

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"

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 Allowable Bracket Loading chart, "F" (load at failure) is the load at which permanent deflection may start.

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.

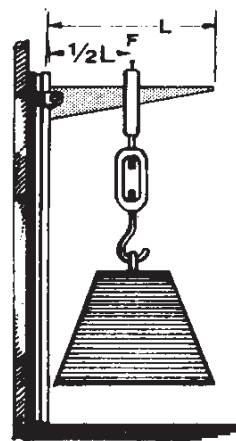


### E-Z Shelving Systems, Inc.

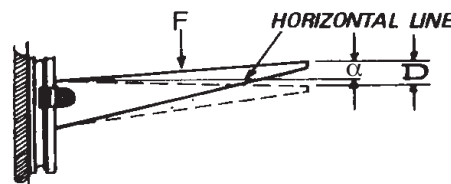
5538 Merriam Drive • Merriam, KS 66203-2548  
Phone: 913.384.1331 • Fax: 913.384.3399

**1-800-353-1331**

[www.e-zshelving.com](http://www.e-zshelving.com)



Method of load testing E-Z Shelving System brackets.



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

## PLANNING YOUR DESIGN OR BID

Please forward your drawing with as much of the following information available.

1. Depth x length of shelves and height of uprights.
2. Number of tiers required per section.
3. Anticipated loading and usage.
4. Shelving style, e.g., wall-mounted, freestanding, floor to ceiling and walk-in cooler with ceiling brackets.
5. Shelving finish, galvanized, stainless steel, powder coat or aluminum.
6. Shelving type, solid, louvered, NSF or wire.
7. New construction or existing walls; type of wall.
8. Destination of project with zip code.

Note: Our "Quotation Form" is available on line for you to fill out and send in. See our website: [www.e-zshelving.com](http://www.e-zshelving.com)