

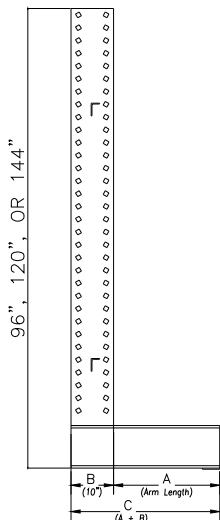
Lyon Workspace Product Cantilever Rack Specification Sheet Effective September 2010

Upright Column And Bases

The regular duty upright columns are made of two 12 gauge channels and the heavy duty upright columns are made of two 10 gauge channels mig-welded together to form a column shape. Column shape thickness would amount to 4". Upright column is punched on 3" centers for arm attachment and adjustment. Columns have small plates welded to the sides for attachment of brace beams or brace panels. Regular duty upright channels are formed to a dimension of 10" at the base. Heavy Duty upright channels in 8' and 10' heights are formed to a dimension of 10" at the base while 12' tall channels are 12" in size at the base.

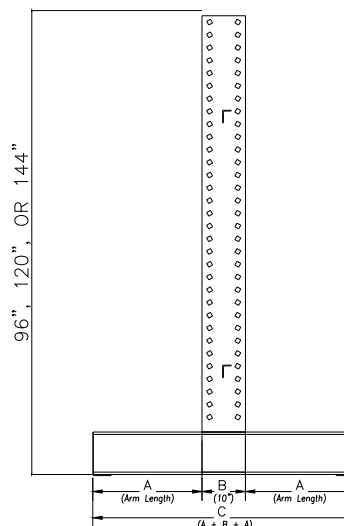
Regular duty upright bases are made of two 12 gauge channels and the heavy duty upright bases are made of two 10 gauge channels mig-welded together with a formed plate located at both the rear and front of the base. Depth of base varies with arm sizes and can be made for both single and double sided applications.

Columns and base are mig-welded together and shipped as one continuous piece up to 144" in height.



**REGULAR DUTY
SINGLE SIDED**

ARM LENGTH	COLUMN	OVERALL
"A"	"B"	"C"
24	10	34
30	10	40
36	10	46
42	10	52
48	10	58

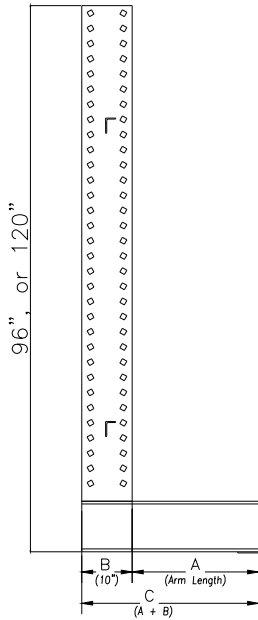


**REGULAR DUTY
DOUBLE SIDED**

ARM LENGTH	COLUMN	OVERALL
"A"	"B"	"C"
24	10	58
30	10	70
36	10	82
42	10	94
48	10	106

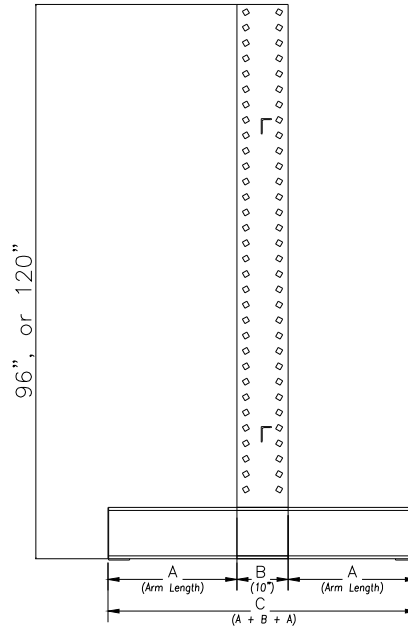
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**HEAVY DUTY
SINGLE SIDED**

ARM LENGTH	COLUMN	OVERALL
"A"	"B"	"C"
24	10	34
30	10	40
36	10	46
42	10	52
48	10	58

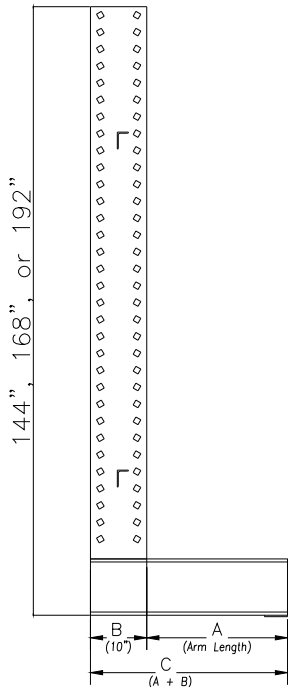


**HEAVY DUTY
DOUBLE SIDED**

ARM LENGTH	COLUMN	OVERALL
"A"	"B"	"C"
24	10	58
30	10	70
36	10	82
42	10	94
48	10	106

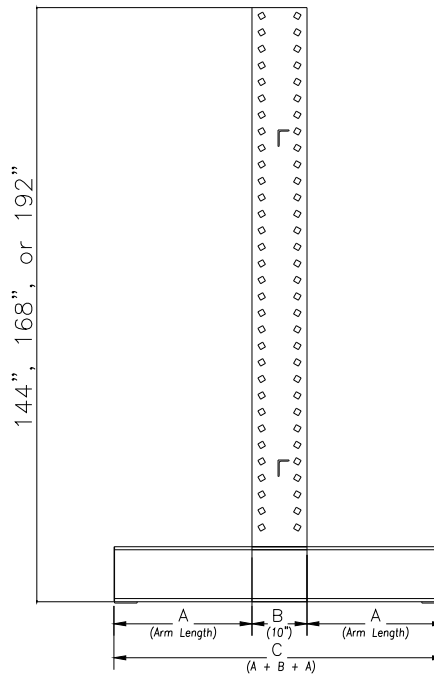
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**HEAVY DUTY
SINGLE SIDED**

ARM LENGTH	COLUMN	OVERALL
"A"	"B"	"C"
24	12	36
30	12	42
36	12	48
42	12	54
48	12	60



**HEAVY DUTY
DOUBLE SIDED**

ARM LENGTH	COLUMN	OVERALL
"A"	"B"	"C"
24	12	60
30	12	72
36	12	84
42	12	96
48	12	108

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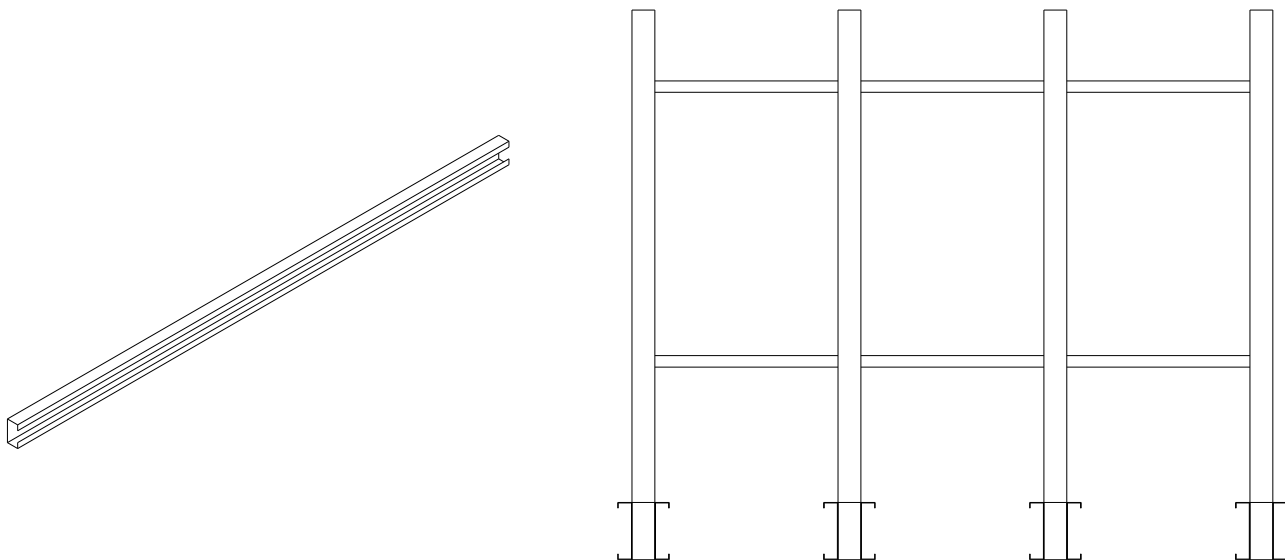
Arms

Regular duty arms are 12 or 10 gauge formed channels and vary in height. Heavy duty arms are 10 or 7 gauge channels and vary in height. The C-channel arms are mig-welded to the “U”-shaped arm connector. The ends of the arms are open. Connector is ¼” thick and punched with a rectangular slot for attaching to the upright column. All arms are secured with one ¾” x 1” rectangular x 7-7/8” long key wedge pin. Arms are adjustable on 3” centers. Standard slope for arms is 1/2” for every 36” in length.

Arm Length	Regular Duty				Heavy Duty			
	Cat. No.	Capacity	Weight	Gauge of Arm	Cat. No.	Capacity	Weight	Gauge of Arm
18"	CAR18	1,600	11	12	CAH18	---	---	---
24"	CAR24	2,000	14	12	CAH24	2,500	16	10
30"	CAR30	1,500	15	12	CAH30	---	---	---
36"	CAR36	1,600	20	10	CAH36	2,000	24	10
42"	CAR42	900	21	10	CAH42	---	---	---
48"	CAR48	1,200	26	10	CAH48	2,000	34	7

Horizontal Brace Beams

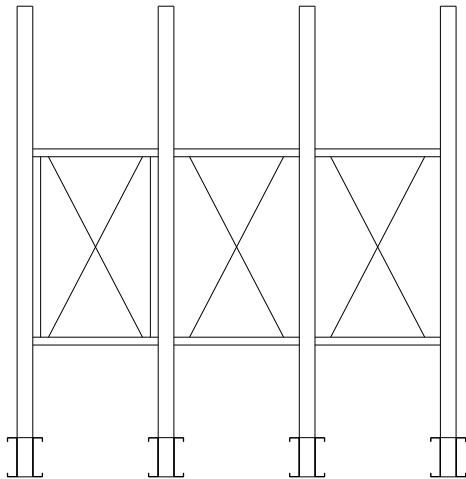
Brace beams are attached to small brackets welded on the side of the upright column and span the width of the rack section. The C-channel brace beams are made of 12 gauge material. Heights up to 144” on regular duty racks will require two horizontal brace beams per rack section.



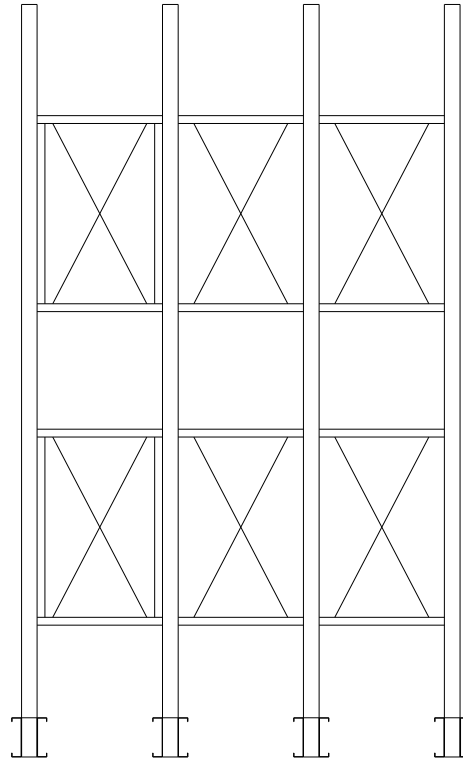
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Diagonal Brace

Brace panels are secured to the small upright column bracket and span the width of the rack section. Brace panels are made of 12 gauge material. The brace panel is constructed by welding two horizontal, two diagonal, and two vertical members into one final panel assembly. One brace panel is used in each rack section in all Heavy Duty racks up to 144" in height. Units greater than 144" through 192" will contain two brace panels.



**Front Elevation
Up To 12' High**



**Front Elevation
14' and 16' High**