





**TOOLS REQUIRED:**  
(2) 9/16" Sockets or Wrenches,  
Level or Carpenter Square

Bill of Material		
ITEM	QTY	DESCRIPTION
1	12	SCREW, 12-24x1/2" PH PAN TYPE 23 BLACK OXIDE/WAX RoHS
2	2	UPRIGHT CHANNEL
3	2	CROSS BRACE, WATERFALL EDGE
4	2	CENTER WATERFALL BRACKET, ADJUSTABLE
5	8	CABLE RING
6	2	FLOOR MOUNTING BRACKET
7	16	NUT, 3/8"-16, HEX, STEEL, BLACK
8	16	BOLT, 3/8"-16 X 1" HEX HD, GR 2, STEEL, BLACK
9	32	WASHER, 3/8" FLAT, STEEL, BLACK
10	16	WASHER, 3/8" SPLIT LOCK, STEEL, BLACK

**STEP-1)**

**INSTALLING FRONT WATERFALL CROSSBRACE & FLOOR BRACKET.**

A. Lay Upright Channels on edge and open sides of the channel face each other.

B. Align thru holes in Cross Brace Waterfall Edge behind the top thru holes in the Upright Channels. Install (6) 3/8" Hex Head Bolts, (12) 3/8" Flat Washers, (6) 3/8" Lock Washers, (6) 3/8" Hex Nuts. (finger tight).

C. Align thru holes in Floor Mounting Bracket in front of the bottom thru holes in the Upright Channels. Install same amount of hardware. (finger tight).

**STEP-2)**

**INSTALLING REAR CROSS BRACE & FLOOR BRACKET.**

A. Align thru holes in Floor Mounting Bracket in front of the bottom thru holes in the Upright Channels. Install same amount of hardware. (finger tight).

B. Install Center Waterfall Brackets (2) to the Cross Brace with (1) #12-24 Pan Head Screw per bracket thru the slots in the Cross Brace. **MUST BE INSTALLED PRIOR TO INSTALLING REAR CROSS BRACE ONTO UPRIGHT CHANNELS.**

C. Align thru holes in Cross Brace behind the top thru holes in the Upright Channels. Install (6) 3/8" Hex Head Bolts, (12) 3/8" Flat Washers, (6) 3/8" Lock Washers, (6) 3/8" Hex Nuts. (finger tight).

**STEP-3)**

**FINAL TIGHTENING.**

A. Stand rack upright. Square unit using Level or Carpenter Square. Tighten all bolts using 9/16" sockets and or wrenchs.

**STEP-4)**

**SECURE RACK TO FLOOR.**

A. All racks should be bolted to the floor, or to an equally stabilizing & secure surface prior to any equipment installation.

**STEP-5)**

**INSTALLING CABLE RINGS**

A. Align the pins on the rear of the Cable Rings, in any of the 16 mounting locations per Upright Channel and at any 45 degree increment of rotation using (1) #12-24 Pan Head Screw in the center.

INTERPRET DRAWING PER ASME Y14.5M-1994
DIMENSIONAL LIMITS APPLY AFTER APPLICATION OF FINISH
DRAWING NOT TO SCALE
TOLERANCE UNLESS OTHERWISE NOTED:
ANGULAR +/- 1°
.XXXX +/- .010
.XXX +/- .015
.XX +/- .030
.X FOR REF. ONLY



THIRD ANGLE  
PROJECTION

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS ARE IN INCHES

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PART NUMBER:	ICCMR45U
QTY PER UNIT:	1
MATERIAL TYPE:	-
MATERIAL GAUGE:	-
FINISH:	-
DRAWN	DATE
JL	9/20/2007
CHECKED & APP.	DATE
WSS	9-20-07

TITLE		INSTRUCTION SHEET FOR THE CMR45U	
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DWG NO:	REV	SHEET: 2 OF 2	
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