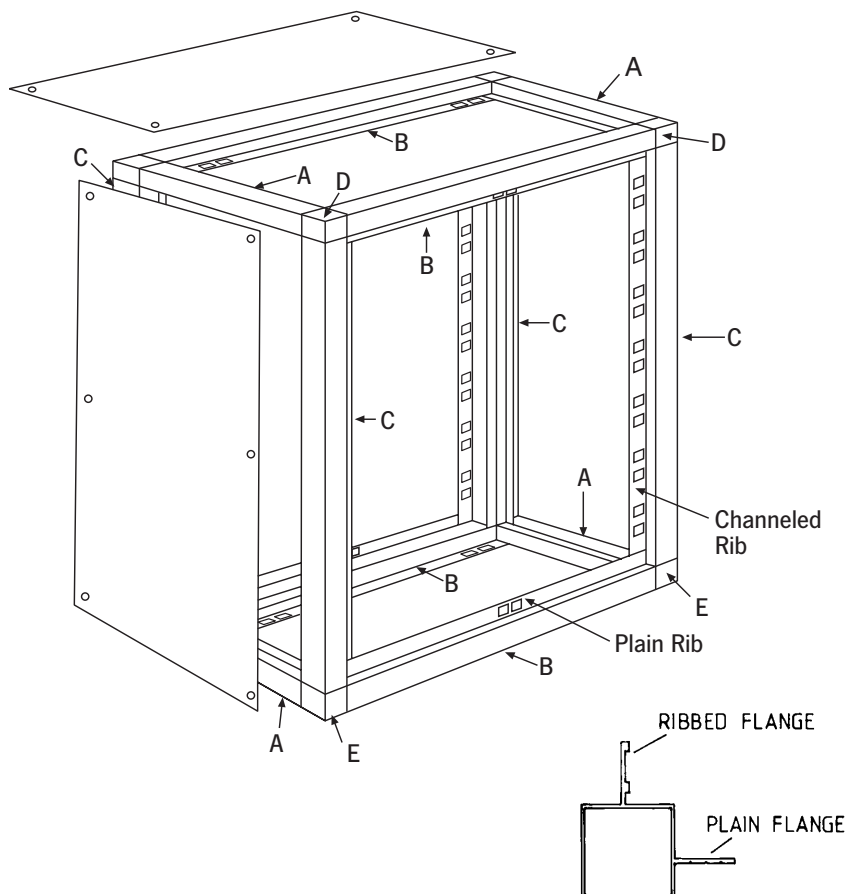
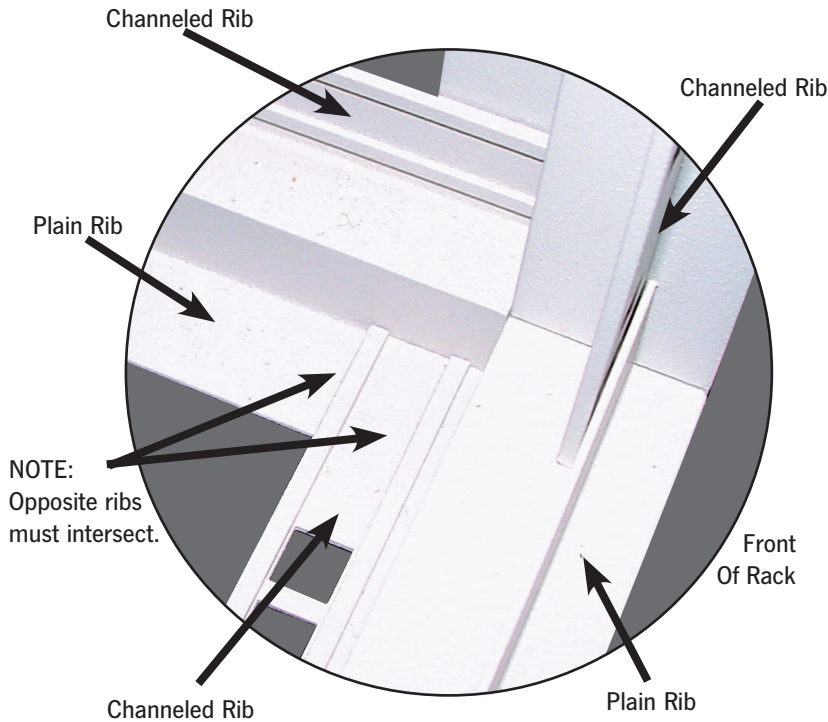


## Rack Frame Assembly

Please read all instructions thoroughly before commencing construction.



### To Assemble

**Step 1:** Before starting, lay out the parts of the rack in your workspace. Ensure all burrs are removed from inside of the hollow sections. This is to ensure the plastic corner pieces fit properly. It is very important that the base and top sections are correctly assembled.

**Step 2:** Line up the plastic corners and the aluminium rack sections for the base first (4 castor corners, 2 "A" sections and 2 "B" sections), making sure the different types of ribs are correctly aligned. These ribs are designed to overlap in the corners of the rack. One is flat, while the other is channeled.

**Step 3:** Once you are satisfied the correct alignment of both the rack sections and the plastic castor corners (hole must be located to the bottom of the assembly) you can begin "seating" the plastic corners into the rack sections. To do this you must knock the corners into the rack sections with a wooden or rubber mallet (a piece of wood and a regular claw hammer may also suffice). Double check every section before you hammer it together as the corners are very difficult to remove once seated.

**Step 4:** Once all 4 plastic corners of the base are seated properly you can begin assembling the rack top in a similar manner (4 standard corners, 2 "A" sections and 2 "B" sections). In fact, the rack top will be identical to the base with the exception of the corner pieces not having provision for castors. Again, ensure the overlap of the ribs are correct and double check all alignments before seating the plastic corner pieces.

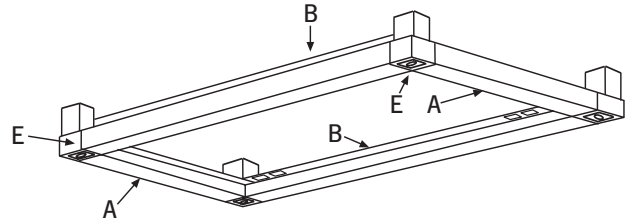
**Step 5:** Now you are ready to seat the upright sections to the base. Before seating the uprights, ensure you have the punched face (channeled rib) aligned along the "B" section. Again the ribs should overlap and assuming your base is correctly assembled your uprights should seat quickly and easily. If you find the upright won't seat properly you may be trying to align 2 common ribs. This means they will not overlap and the rack will be assembled incorrectly.

**Step 6:** Once the 4 uprights have been seated to the base, the rack top can be placed onto the end of the uprights. Align the 4 uprights with the plastic corner pieces of the rack top. Now you must hammer the plastic corner pieces in turn, ensuring each corner is seated equally at the same time. Seating a corner fully at once, at this stage, may cause twisting or even the plastic corner to crack.

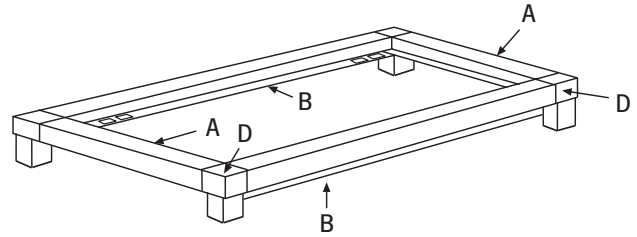
**Step 7:** Your rack should be fully assembled. Check each plastic corner once more to ensure all are correctly seated for maximum strength. You can now install shelves, rack panels sets, rack doors or equipment as necessary. Please note that rack doors are only available for 9U racks and up.

**Notes:**

- 1) The uprights (C sections) of the 12U - 38U rack frames have been punched to accommodate the rack frame doors (Perspex models H 5709A - H 5738A; Steel models H 5752A - H 5778A). Make sure the uprights are positioned as shown in the diagram.
- 2) When joining sections, opposite ribs must overlap. If common ribs intersect they will clash and the rack will not assemble correctly. Damage to the rack pieces may also occur.

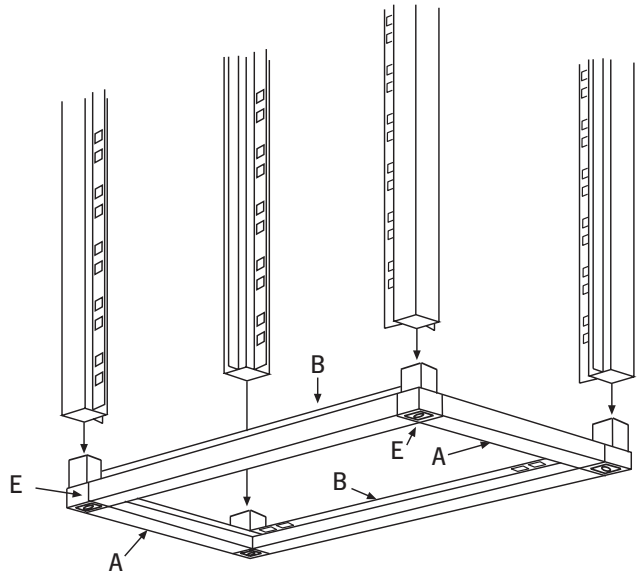


Bottom Assembly

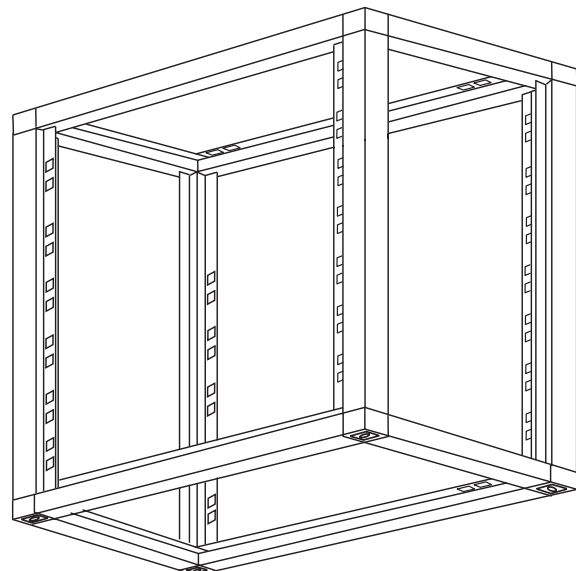


Top Assembly

Adding uprights to bottom assembly



Complete Rack



**Packing List**

A Sections x 4	
<b>H 5504 - H5538</b>	390mm unpunched
<b>H 5412 - H5438</b>	540mm unpunched
B Sections x 4	486mm punched
C Sections x 4	(See Table) punched
D Sections x 4	Plastic Corner
E Sections x 4	Plastic Corner w / Castor Socket

**Upright "C" Section Lengths**

4U	=	218mm
6U	=	307mm
9U	=	441mm
12U	=	574mm
15U	=	707mm
18U	=	840mm
24U	=	1108mm
30U	=	1374mm
38U	=	1729mm