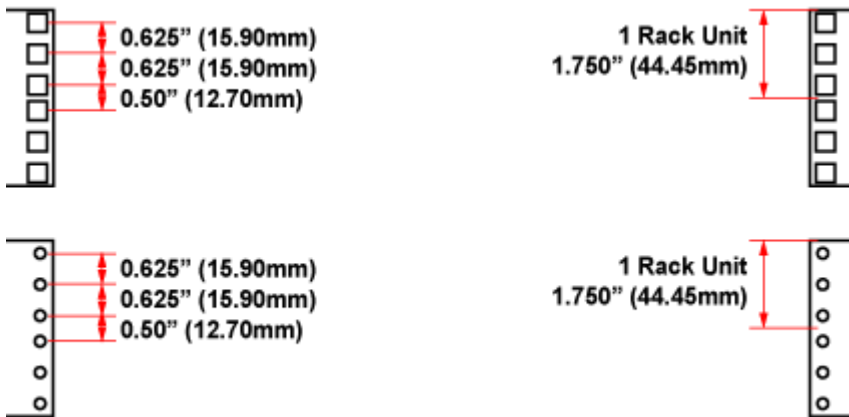


## 19" Rack Spacing Overview - Industry Standard

The following is a specification for what is often called the "standard rack". This specification standardizes several important features of 19" racks, such as the Rack Unit (RU or U), vertical hole spacing, horizontal hole spacing, rack opening and front panel width. The specification also sets tolerances on each of these dimensions.

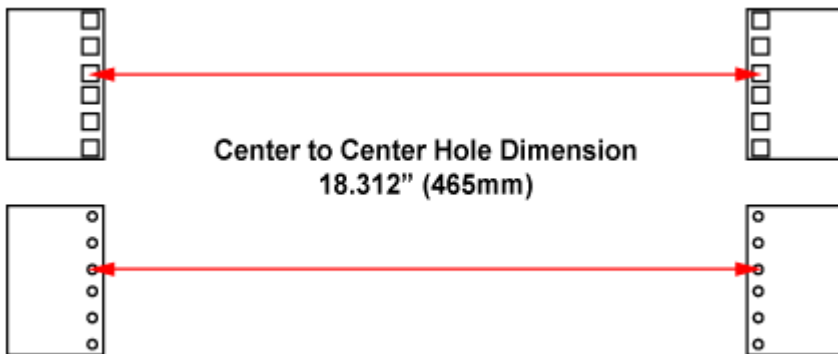
### Vertical Hole Spacing

Vertical hole spacing is defined as a repeating pattern of holes within one Rack Unit of 1.75". The hole spacing alternated at: 1/2" – 5/8" – 5/8" and repeats. The start and stop of the "U" space is in the middle of the 1/2" spaced holes. See the diagram below.



### Horizontal Spacing

The horizontal spacing of the vertical rows of holes is specified (18.312)(465.1 mm). This dimension is not well maintained on some racks, causing problems with equipment installation. Many manufacturers use equipment mounting slots instead of holes to allow for variations in this dimension.



### RENTAL CENTRES

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**The Midlands** ide Rental Ltd, Unit 4A & D, Zone 2, Burntwood Business Park, Ring Road, Burntwood, Staffs. WS7 3JQ Tel: 01543 674 759

**The South** ide Rental Ltd, Unit 13 Thurrock Trade Park, Oliver Road, Grays, Essex. RM20 3AL Tel: 01708 863 963



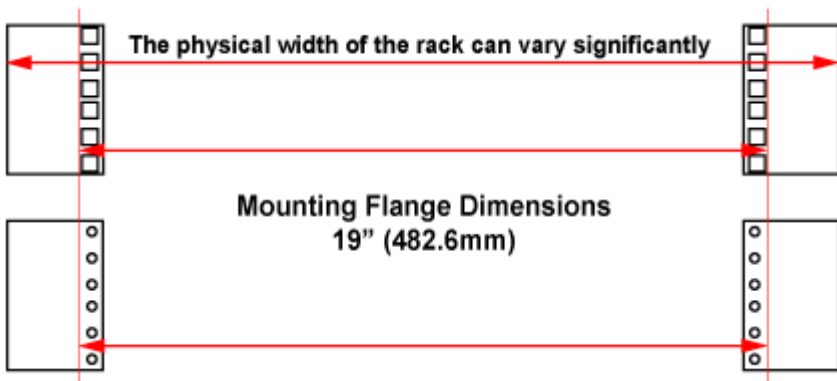
## Rack Opening

The opening in the rack is specified as a minimum of 17.72" (450mm). 2 Post or relay racks tend to have a larger than normal opening, as do many other racks with threaded holes. Square hole racks tend to be very close to the minimum opening.



## Front Panel Width

The only dimension on a 19" rack that actually measures 19" is the width of the front panel of equipment.



To view ide's range of 19" rack mounted distribution click [here](#).

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