

Chapter 3

INSTALLING THE DRIVE

IMPORTANT: Read Chapter 9: "Certification for the Drive" before installing this unit.

Mechanical Installation

If wall-mounted, the unit must be fitted with the Top Cover firmly screwed into position.

Replacing an Existing Unit

The lower fixing centres for Frame B are now 150.0mm (5.90"). A new dimension "W2" is introduced in to the table.



If you find it necessary to use existing mounting holes, an adjustment clamp is available, part number BA469654. Two of these clamps are required for each drive.

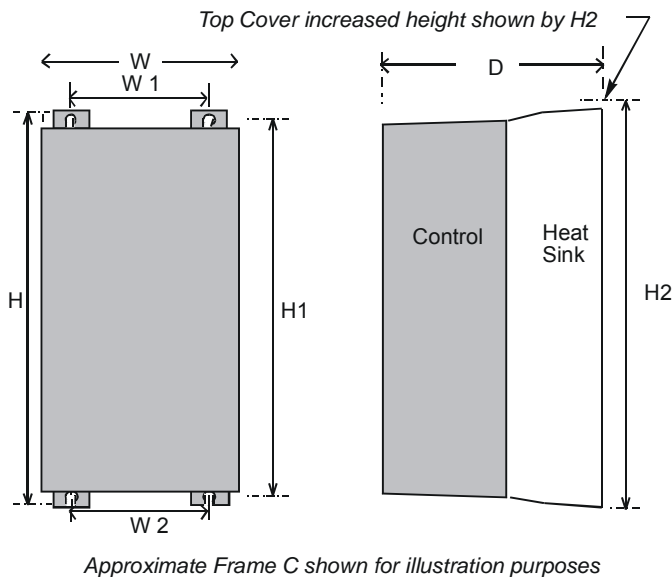


Figure Chapter 3-1 Mechanical Dimensions for 690+ Series

Models	Max. Weight kg/lbs	H	H1	H2	W	W1	W2	D	Fixings
Frame B	4.3/9.5	233.0 (9.17)	223.0 (8.78)	234.0 (9.20)	176.5 (6.95)	129.5 (5.09)	150.0 (5.90)	181.0* (7.15)	Slot 4.8mm wide Use M4 fixings
Frame C	9.3/20.5	348.0 (13.70)	335.0 (13.19)	365.0 (14.37)	201.0 (7.91)	150.0 (5.90)	150.0 (5.90)	208.0 (8.19)	Slot 7mm wide Use M5 or M6 fixings.
Frame D	18.4/40.6	453.0 (17.80)	440.0 (17.30)	471.0 (18.50)	252.0 (9.92)	150.0 (5.90)	150.0 (5.90)	245.0 (9.65)	Slot 7mm wide Use M5 or M6 fixings.
Frame E	32.5/72	668.6 (26.30)	630.0 (24.80)	676.0 (26.60)	257.0 (10.10)	150.0 (5.90)	150.0 (5.90)	312 (12.30)	Use M6 fixings
Frame F	41/90.4	720.0 (28.30)	700.0 (27.60)	Not applicable	257.0 (10.10)	150.0 (5.90)	150.0 (5.90)	355.0 (14.00)	Use M6 fixings
* 197.0 (8.04) when unit fitted with System Board									
All dimensions are in millimetres (inches)									

Note: For details of a through-panel mounting option for Frames D & E refer to pages 3-6 and 3-8 respectively.

Mounting the Drive

The unit must be mounted vertically on a solid, flat, vertical surface. It can be wall-mounted, or mounted inside a suitable cubicle, depending upon the required level of EMC compliance - refer to Chapter 8: "Technical Specifications".

Ventilation

The drive gives off heat in normal operation and must therefore be mounted to allow the free flow of air through the ventilation slots and heatsink. Maintain minimum clearances for ventilation as given in the tables below to ensure adequate cooling of the drive, and that heat