

**CBR2-XL, CBR2-XL-BL, CBR2-XL-3A,
CBR2-XL-3A-BL, CBR2-XXL,
CBR2-XXL-BL, CBR2-XXL-3A-BL**
Condensing Unit Support Brackets "Type 2"
INSTALLATION INSTRUCTIONS

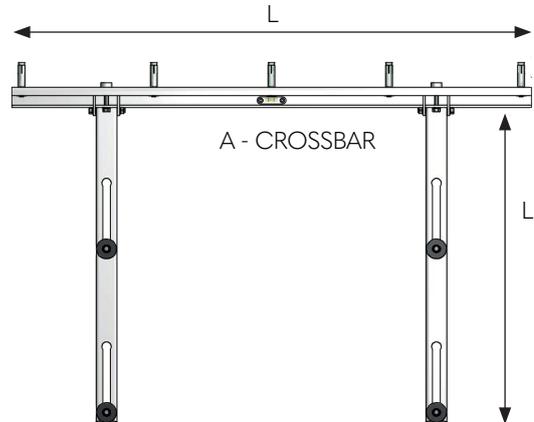
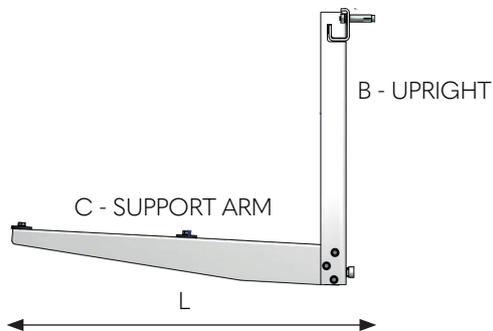


TYPE 2 brackets INSTALLATION INSTRUCTIONS



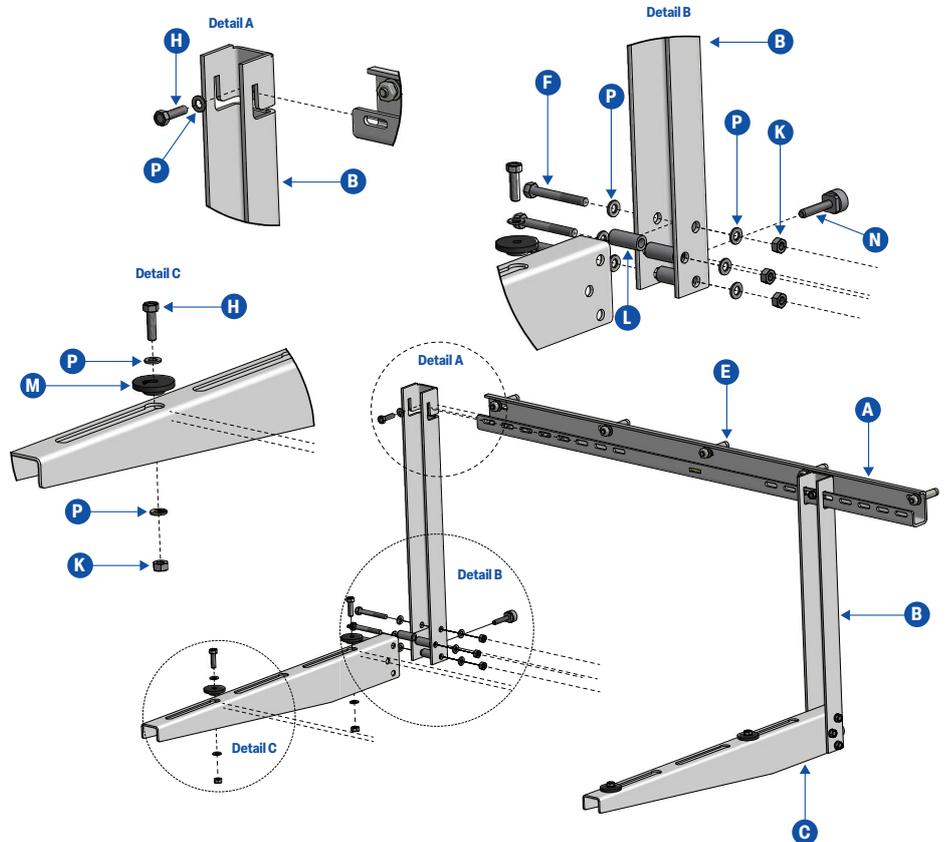
CBR2-XL, CBR2-XL-BL, CBR2-XL-3A, CBR2-XL-3A-BL, CBR2-XXL, CBR2-XXL-BL, CBR2-XXL-3A-BL

BRACKET STRUCTURE COMPONENTS



COMPONENTS

The DiversiTech International condensing unit support brackets are designed to support all leading brands of air conditioning condensing units and air source heat pumps, and have been independently tested and certified to the safe working loads, subject to the correct assembly and use of the product. DiversiTech International accepts no liability for failure of this product where it has been assembled incorrectly or has been used for a function outside its intended application.



Item	Qty	Part No	Description	Material	Comments
A	1	CBR2-XL-1	Crossbar	Steel, mild	Zinc plated & powder coated
B	2	CBR2-XL-2	Upright	Steel, mild	Zinc plated & powder coated
C	2	CBR2-XL-3	Support arm	Steel, mild	Zinc plated & powder coated
H	6	M8 x 30mm	ISO metric machine screws	Steel, mild	Zinc plated
K	10	M8 nut (10)	ISO metric hexagon nuts	Steel, mild	Zinc plated
P	22	M8 washer (22)	M8 washer	Steel, mild	Zinc plated
F	6	M8 x 65	ISO metric machine screws	Steel, mild	Zinc plated
M	4	M8 anti vibration washer		Rubber	
L	6	35mm sleeve		Steel, mild	Zinc plated
N	2	M8 adj screw		Steel, mild	Zinc plated
E	5	M10 anchor bolt		Steel, mild	Zinc plated

FOR FURTHER INSTALLATION ADVICE PLEASE CALL THE TECHNICAL SUPPORT HELPLINE ON +44 (0)115 900 5858.

CBR2-XL, CBR2-XL-BL, CBR2-XL-3A, CBR2-XL-3A-BL, CBR2-XXL, CBR2-XXL-BL, CBR2-XXL-3A-BL

INSTALLATION INSTRUCTIONS

1. Mark and drill the wall with five suitably sized holes at locations corresponding to the fixing holes provided in the bracket crossbar (A).
2. Fix the crossbar (A) to the wall using 5 x wall-fixing bolts (E).
3. Fit the support arms (C) to the uprights (B) using 2 x M8x65mm bolts (F), 4 x 20mm washers (I), 2 x M8 nuts (K) and 2 x bolt sleeves (L). The bolt sleeves are designed to prevent over-tightening of the bolts crushing the walls of the uprights and support arms.
4. Screw-in fully the wall-spacers (N) to the thread at the bottom rear of the uprights (B).
5. Attach the uprights (B) to the crossbar (A) using 1 x M8x20mm bolts (H), 2 x 20mm washers (I), 1 x M8 nuts (K). The horizontal distance between these fixing positions should be the same as the distance between the fixing points of the condenser unit.

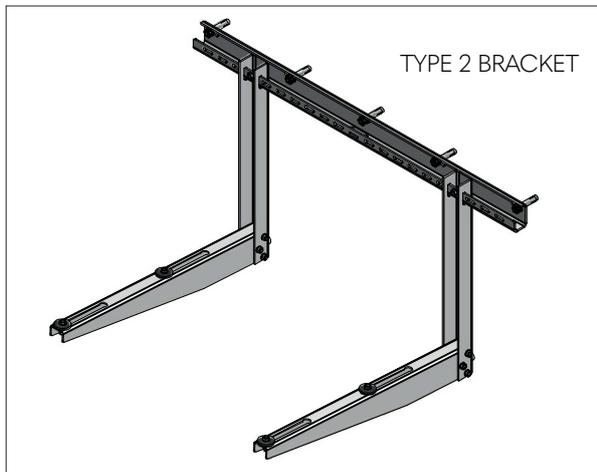
NB: For 3-arm versions, position the 3 cross bars to match the feet distances on the condenser unit.

6. Fix the feet of the condensing unit to the support arms (B) using 4 x M8x30mm bolts (G), 8 x 25mm washers (J), 4 x M8 nuts (K) and 4 anti-vibration washers (M).
7. Adjust the wall-spacers (N) to ensure that the condensing unit is supported in a horizontal position.

NB: Sea salts are very corrosive and affect both ferrous and non-ferrous metals. Coastal installations are particularly at risk as they are frequently exposed to sea salt solutions followed by dry periods, where this wet/dry cycle produces a very corrosive environment.

We strongly recommend that in such locations only our stainless steel brackets are installed.

BRACKET TYPES

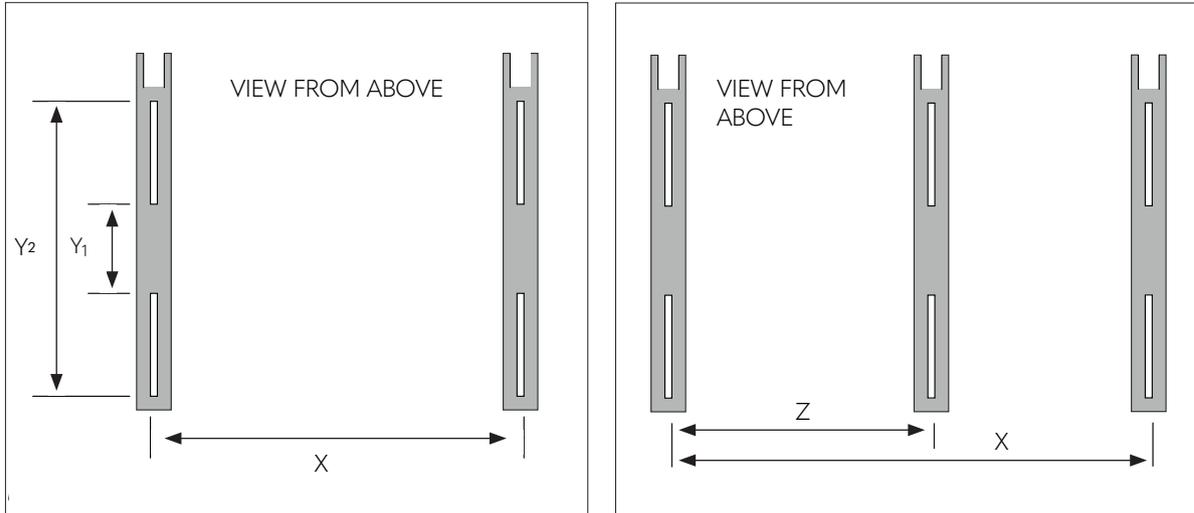


Model	Safe working load
CBR2-XL	250kg
CBR2-XXL	200kg
CBR2-XXL-BL	200kg
CBR2-XL-3A	250kg
CBR2-XXL-3A-BL	200kg

LIST OF COMPONENTS			CBR2-XL	CBR2-XXL	CBR2-XXL-BL	CBR2-XL-3A	CBR2-XXL-3A-BL
1	1	Crossbar	1040	1040	1040	1040	1120
2	2	Upright	550	550	550	550	550
3	2	Support Arm	660	780	780	660	780

CBR2-XL, CBR2-XL-BL, CBR2-XL-3A, CBR2-XL-3A-BL, CBR2-XXL, CBR2-XXL-BL, CBR2-XXL-3A-BL

SPAN OF SUPPORT ARMS



Model	Width of unit				Depth of unit	
	MIN (x)	MAX (x)	MIN (z)	MAX (z)	MIN (y)	MAX (y)
CBR2-XL condenser mounting bracket	300mm	984mm	-	-	330mm	564mm
CBR2-XXL condenser mounting bracket	300mm	984mm	-	-	330mm	564mm
CBR2-XXL-BL condenser mounting bracket (Black)	300mm	984mm	-	-	330mm	564mm
CBR2-XL-3A condenser mounting bracket (3 arms)	300mm	984mm	579mm	767mm	330mm	564mm
CBR2-XXL-3A-BL condenser mounting bracket (3 arms)	352mm	1072mm	712mm	896mm	330mm	564mm

GUIDANCE ON INSTALLATION

1. This product should be fitted by a competent installer of refrigeration, air conditioning, or air source heat pump equipment
2. DiversiTech International condensing unit support brackets are designed for use with all makes of condensing units. Ensure that the bracket you have ordered is suitable for your condensing unit by referring to the safe working load and unit dimension tables.
3. The purpose of this product is to support refrigeration, air conditioning or air source heat pump equipment onto external walls.
4. Always ensure that the wall or building fabric is capable of supporting the load.