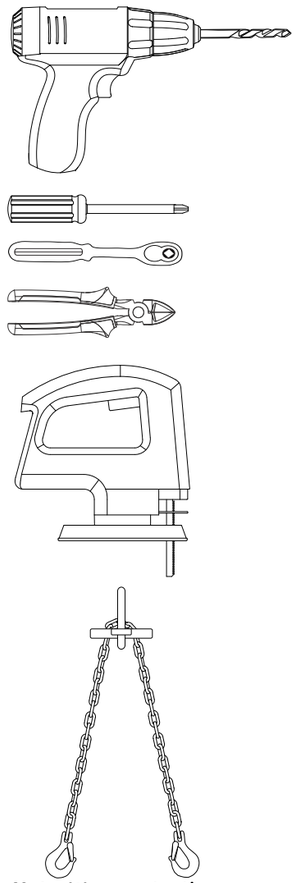
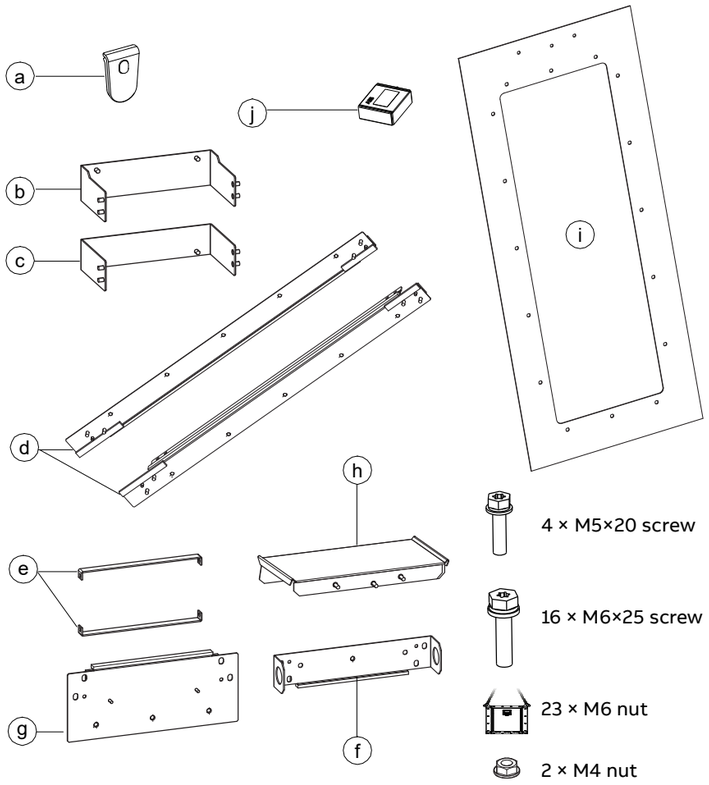
ACS580-01...+C135, ACH580-01...+C135 and ACQ580-01...+C135 frames R4 and R5 flange mounting kit quick installation guide



Note: Wear protective gloves when working.

ABB parts

Available as option +C135 and separately with ordering codes:
3AXD50000031460 (R4) and 3AXD50000031461 (R5).



4 × M5×20 screw

16 × M6×25 screw

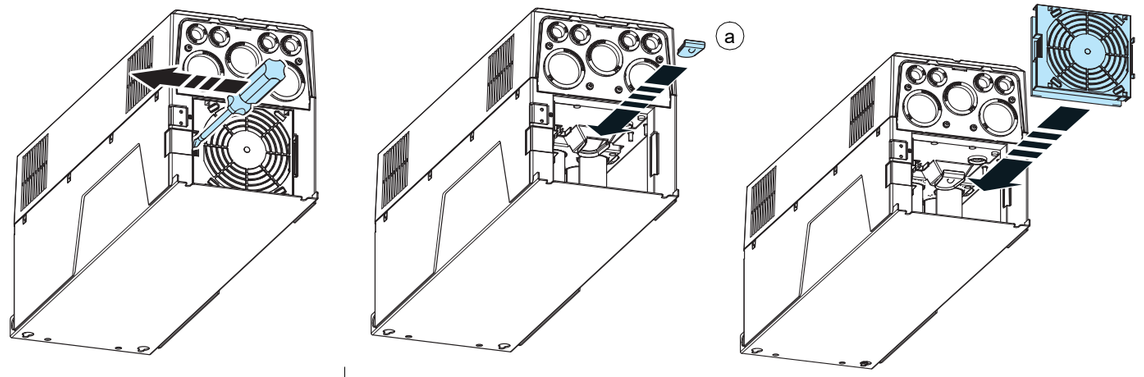
23 × M6 nut

2 × M4 nut

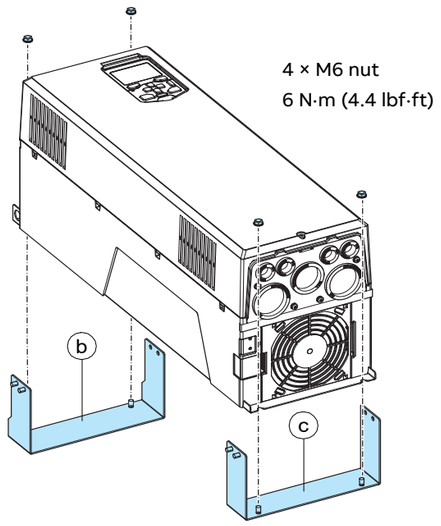
1

R4 IP21 (UL Type 1) only

For IP55 (UL Type 12) the plug is installed at the factory.

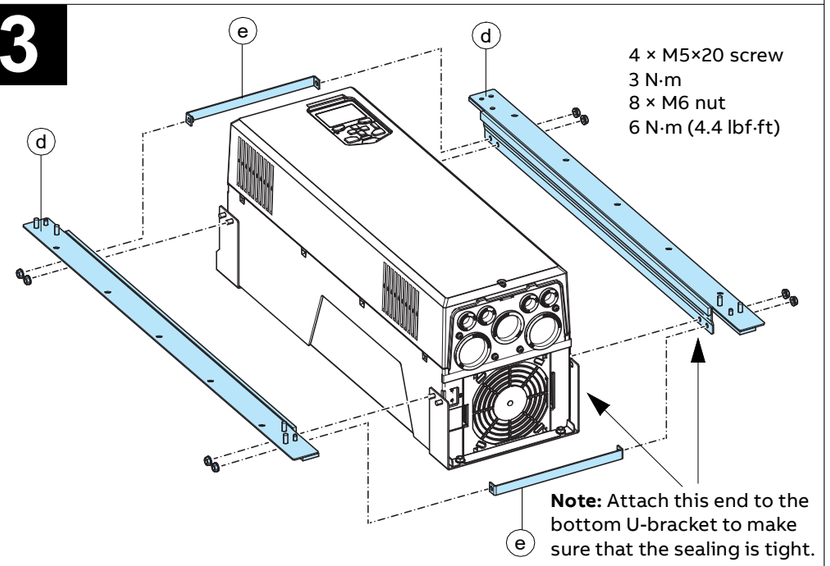


2



4 × M6 nut
6 N·m (4.4 lbf·ft)

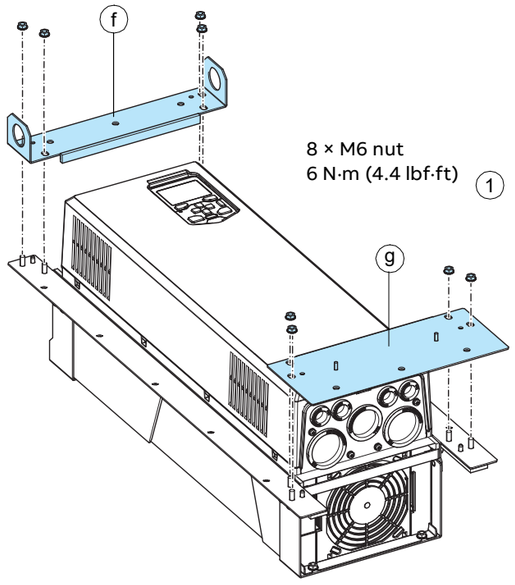
3



4 × M5×20 screw
3 N·m
8 × M6 nut
6 N·m (4.4 lbf·ft)

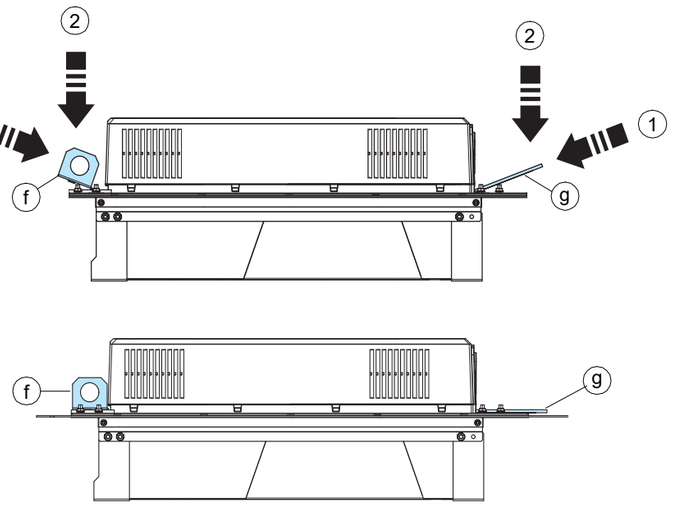
Note: Attach this end to the bottom U-bracket to make sure that the sealing is tight.

4



8 × M6 nut
6 N·m (4.4 lbf·ft)

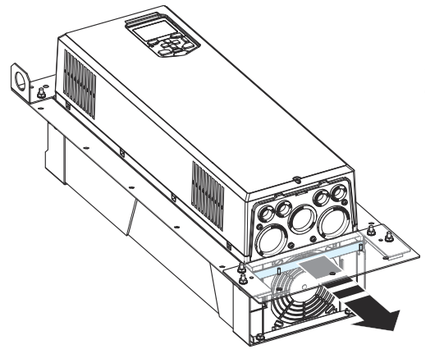
Note: First attach the inner sides of the brackets (1) that touch the drive, then the outer sides (2).



5

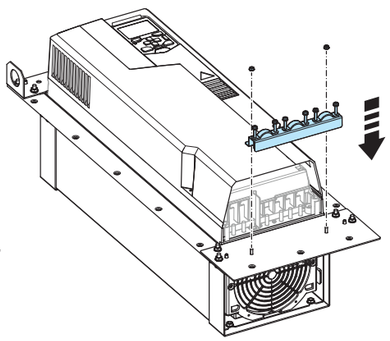
Frames R4 and R5

Remove the tightening bracket from the front of the fan.



Frame R5 only

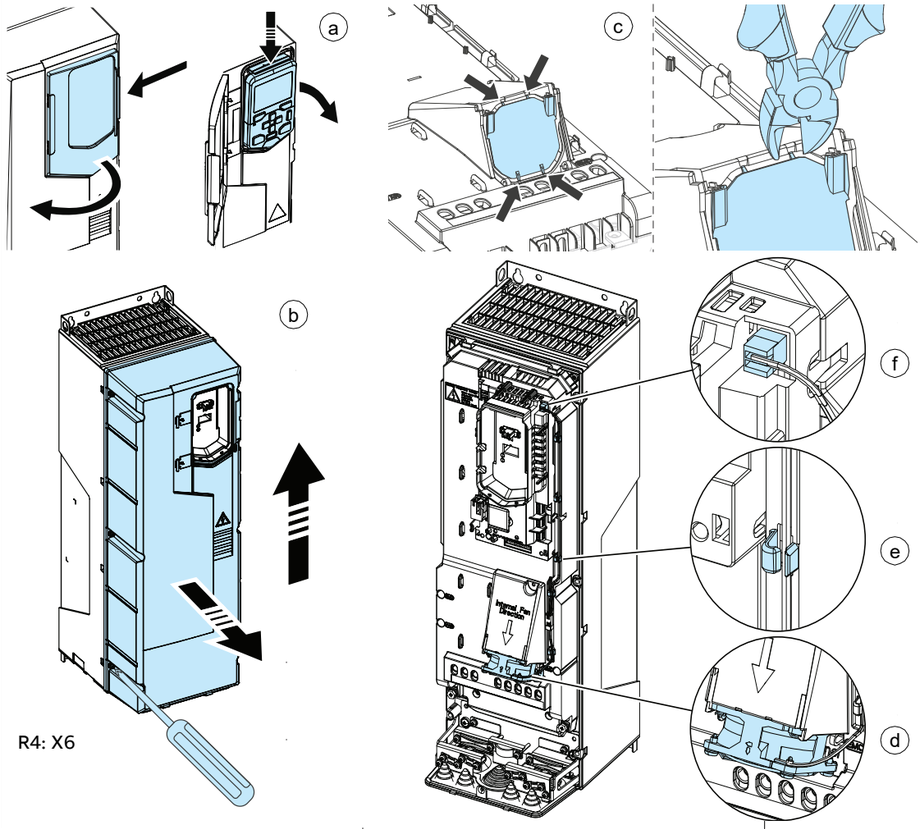
Attach the clamp plate.
2 × M4 nut, 1 N·m(0.7 lbf·ft)



6

R4 IP21 (UL Type 1) only

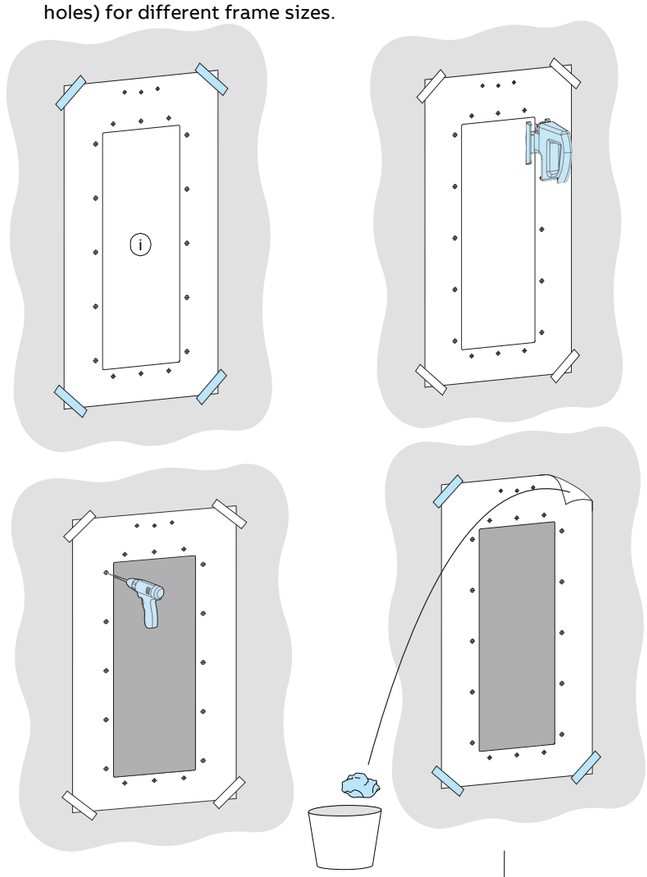
Remove the control panel (a) and cover (b) to install the auxiliary fan (j). Cut off the protective plate from the fan slot (c) and install the fan (d). Make sure that the arrow on the fan points outwards. Connect the fan cable to FAN2. (e, f).



7

Drill holes for M6 Rivet or Kalei nuts. Consider the hole size for the nuts. Rivet/Kalei nuts are not included in the delivery.

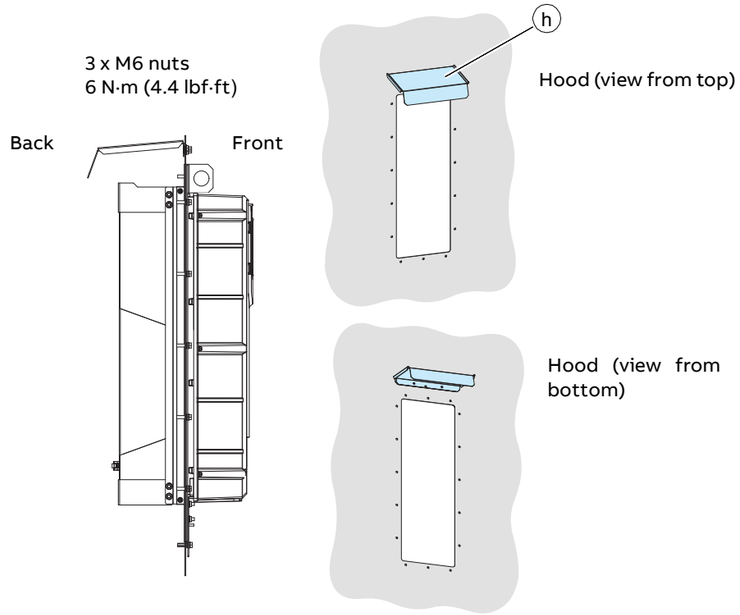
Note: The mounting templates are different (size, number and position of holes) for different frame sizes.



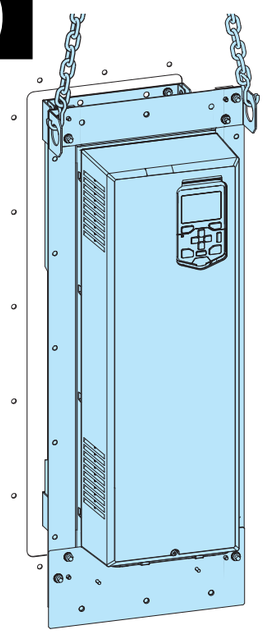
8

UL Type 12 only

UL Type 12 is fulfilled on the drive backside when the flange and hood are installed. Hood is not required for IP55.



9



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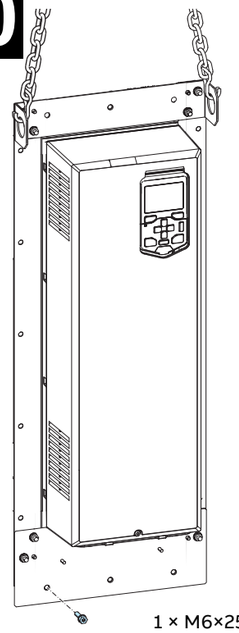
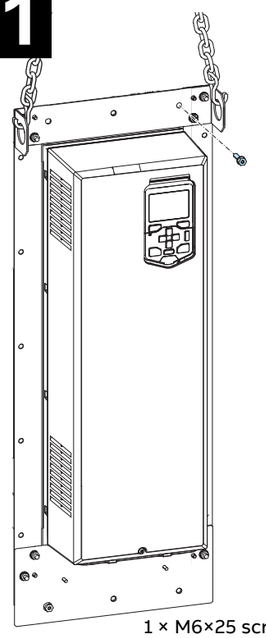


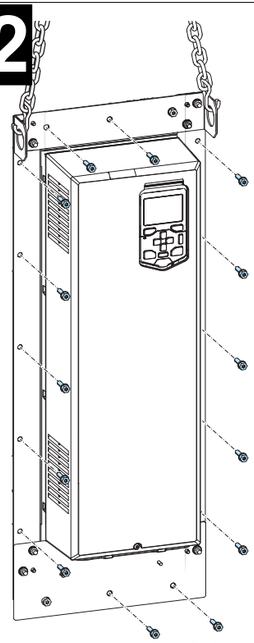
1 × M6×25 screw
6 N·m (4.4 lbf·ft)

11



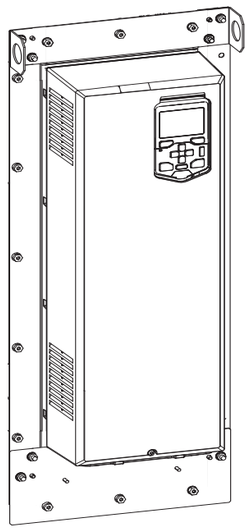
1 × M6×25 screw
6 N·m (4.4 lbf·ft)

12



1 4 × M6×25 screw
6 N·m (4.4 lbf·ft)

13



For dimensions, see the mounting template delivered with the flange mounting kit or ACS580-01…+C135, ACH580-01…+C135 and ACQ580-01…+C135 drives with flange mounting kit supplement (3AXD50000349821 [English]).

Go to www.abb.com/drives.

ACS580-01 manuals

ACH580-01 manuals

ACQ580-01 manuals

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