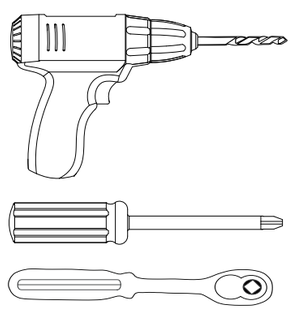
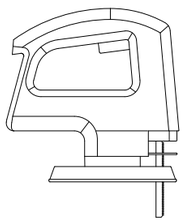
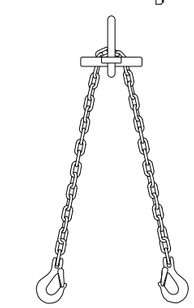
ACS580-01…+C135, ACH580-01…+C135 and ACQ580-01…+C135 frames R4 and R5 flange mounting kit quick installation guide



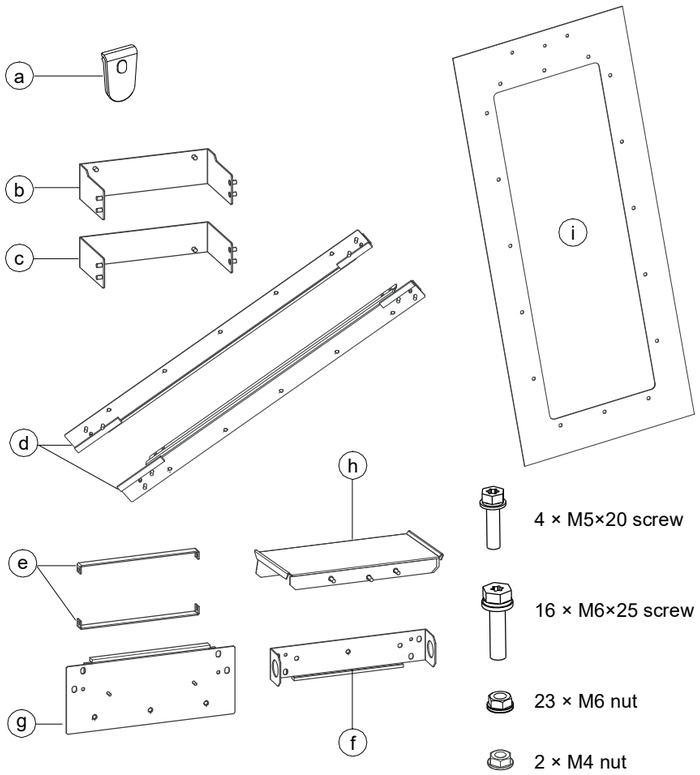




Note: Wear protective gloves when operating.

ABB parts

Available as option +C135 and separately with ordering codes: 3AXD50000031460 (R4) and 3AXD50000031461 (R5).
IP21 [UL Type 1] and IP55 [UL Type 12] for frame R4.
IP21 [UL Type 1] for R5.

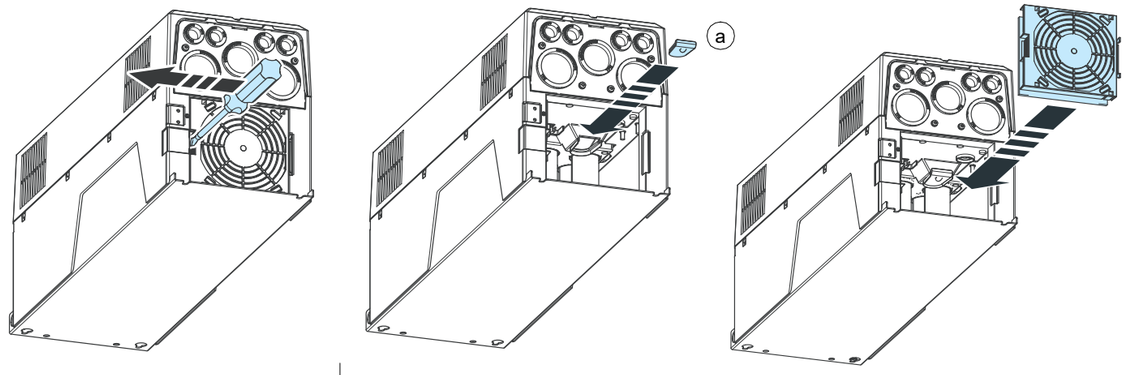


- 4 × M5×20 screw
- 16 × M6×25 screw
- 23 × M6 nut
- 2 × M4 nut

1

R4 IP21 (UL Type 1) only

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



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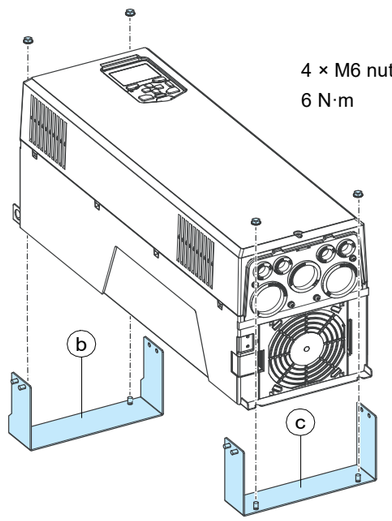

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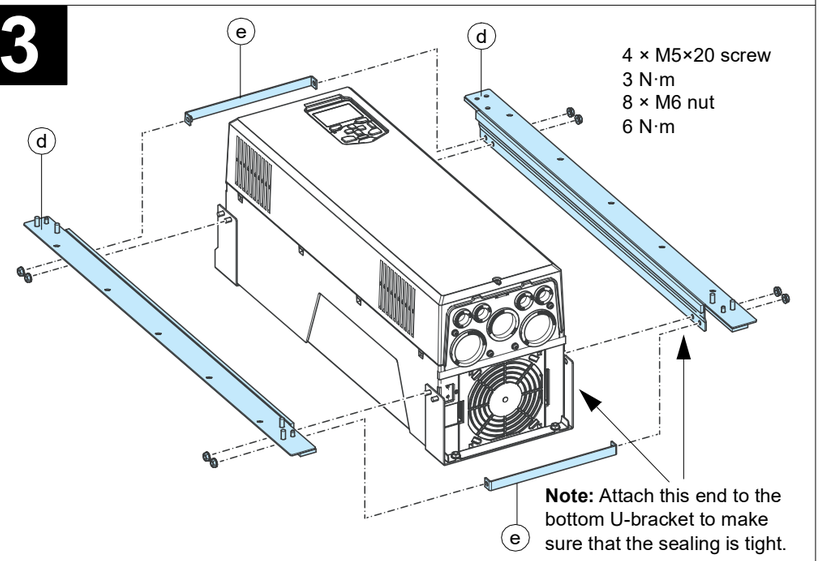

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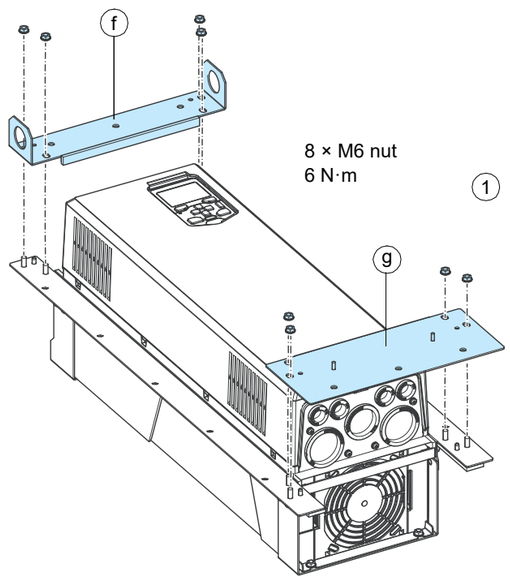
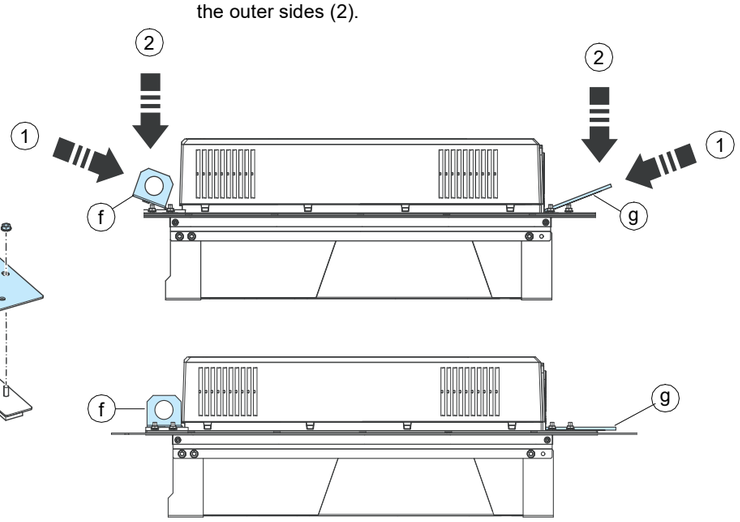


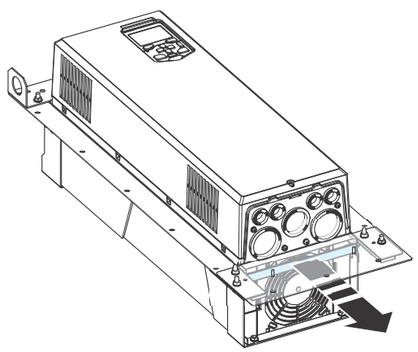
Note: First attach the inner sides of the brackets (1) that touch the drive, then the outer sides (2).



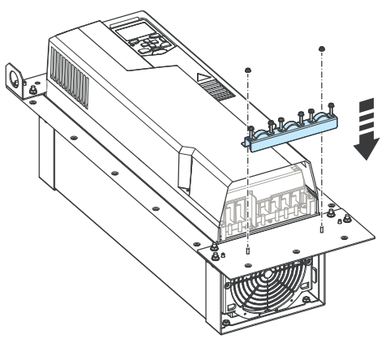
5

2 × M4 nut
1 N·m

Frames R4 and R5



Frame R5 only



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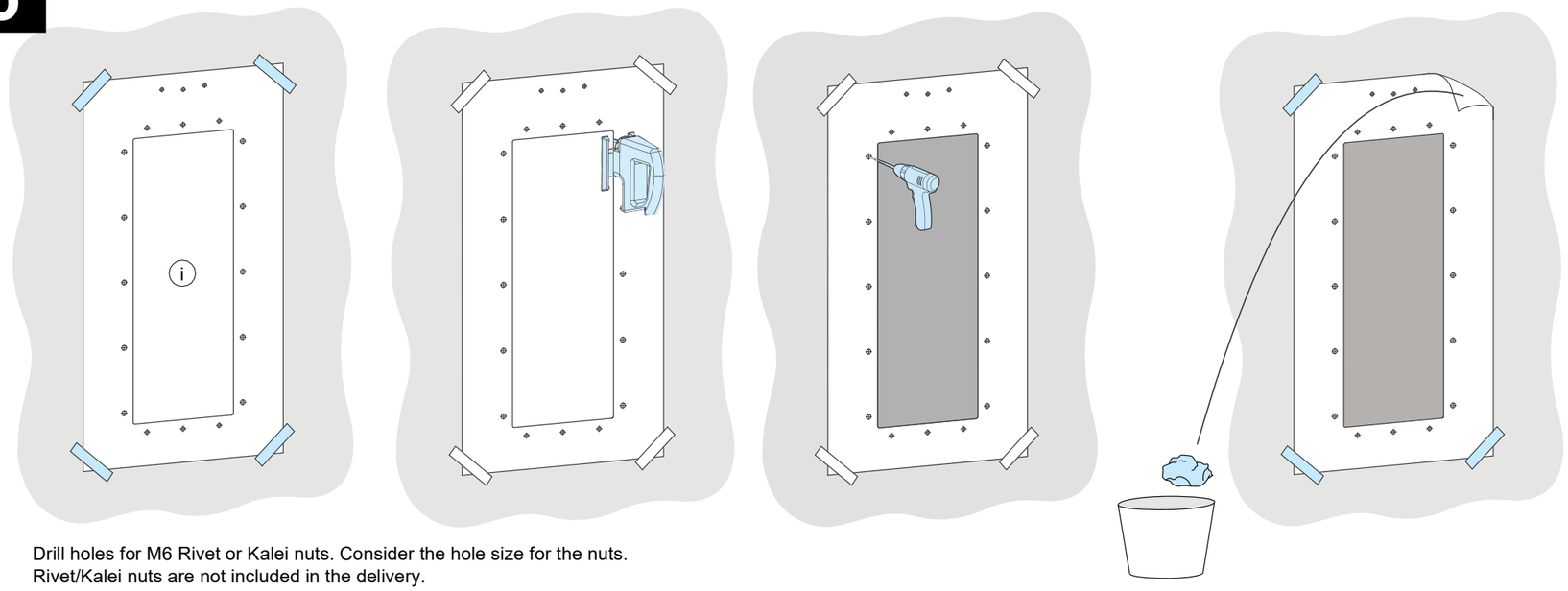


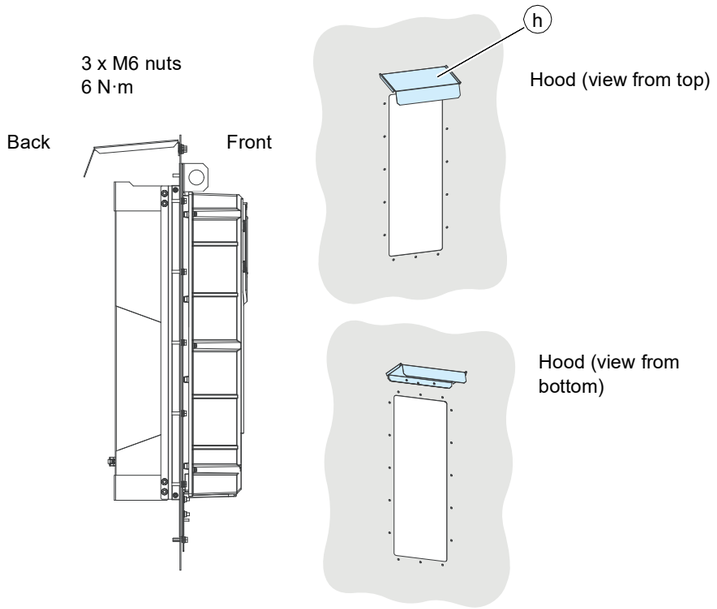
Drill holes for M6 Rivet or Kalei nuts. Consider the hole size for the nuts.
Rivet/Kalei nuts are not included in the delivery.

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

7

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.



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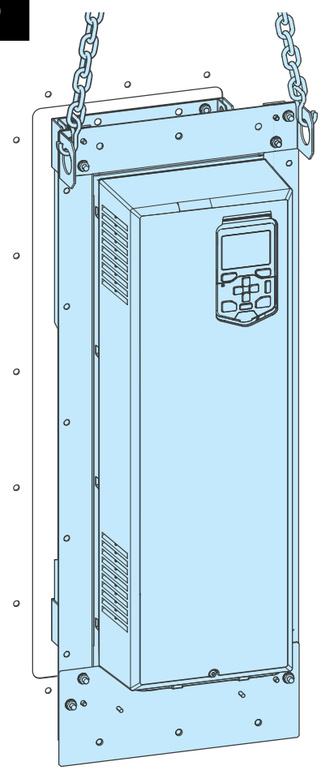

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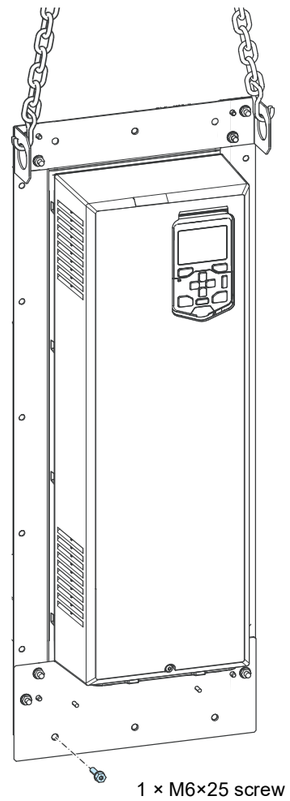
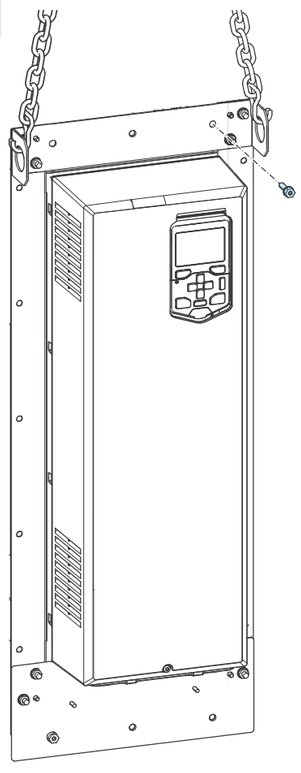


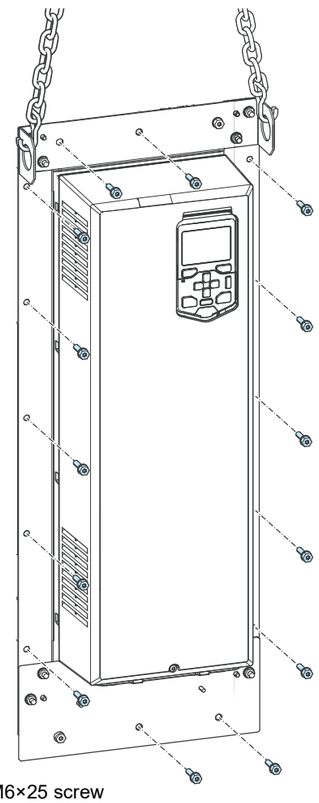
1 × M6×25 screw
6 N·m

10



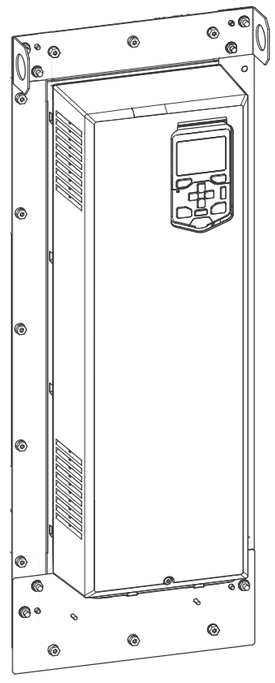
1 × M6×25 screw
6 N·m

11



1 4 × M6×25 screw
6 N·m

12



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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3AXD50000287093 Rev B (EN) 2019-02-05