



PowerFlex 520-Series Control Module Fan Kit Installation

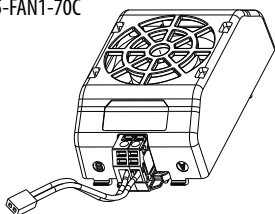
Catalog Numbers: 25-FAN1-70C, 25-FAN2-70C

IMPORTANT

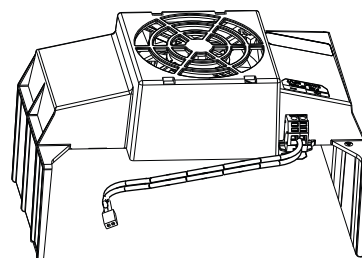
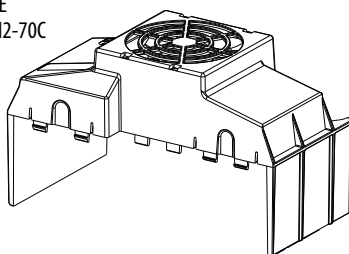
The PowerFlex 520-Series Control Module Fan Kit is required for the following installations:

- Horizontal mounting: up to 70 °C (max)
- Horizontal mounting and zero stacking: up to 65 °C (max)
- Vertical mounting: 60...70 °C (max)
- Vertical mounting and zero stacking: 55...65 °C (max)

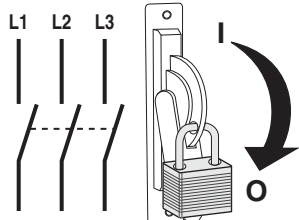
Frame A...D
25-FAN1-70C



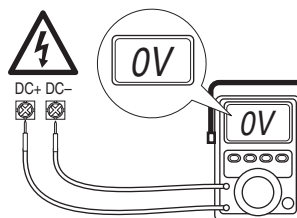
Frame E
25-FAN2-70C



1



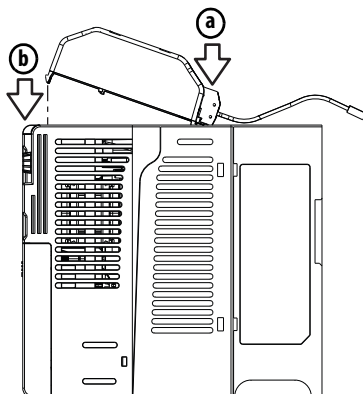
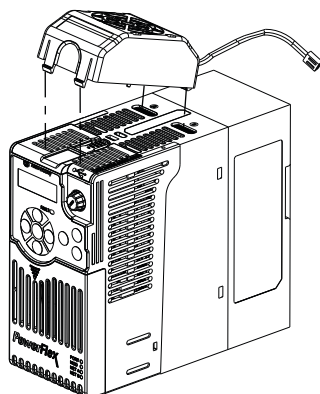
2



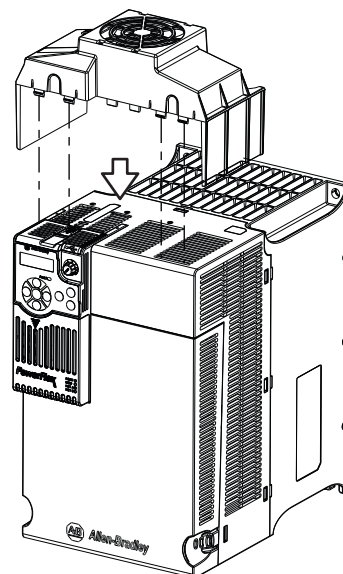
Wait three minutes after shutdown for capacitors to discharge to safe voltage levels.

3

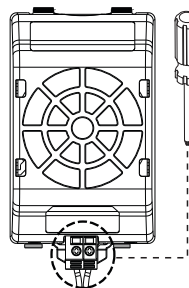
Install the Control Module Fan
For Frame A...D



For Frame E

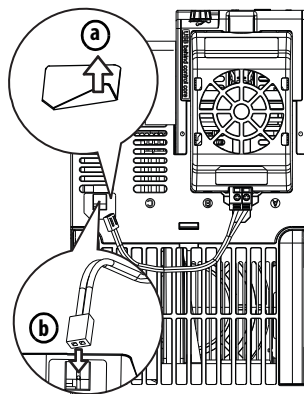
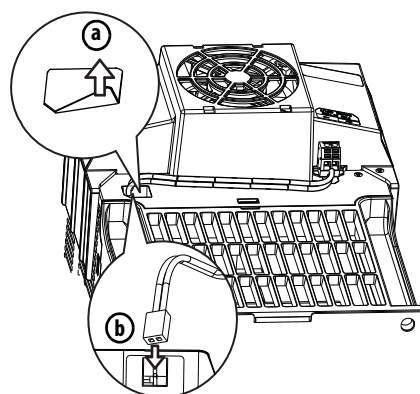


Note: Fan kit installs to the same location above the control module across all frame sizes except frame E.

4**Wiring the Control Module Fan****Frame A...C**

Note: An external 24V DC power source is required when using the Control Module Fan Kit with drive frames A, B, and C. Frames D and E have a built-in 24V supply.

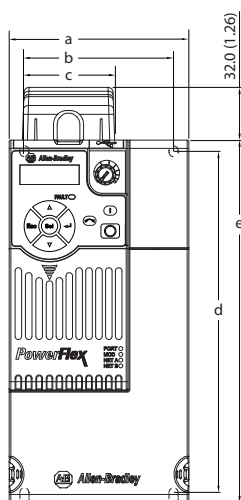
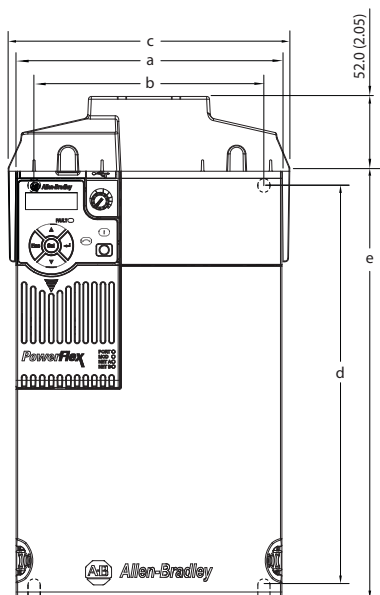
Wire Size	Torque	Voltage	Amps
0.32 mm ² (22 AWG)	0.29...0.39 Nm (2.6...3.47 lb-in)	22.8...27.6V DC	0.10...0.15 A

Frame D**Frame E**

Note: Remove the label to access the built-in 24V supply on drive frames D and E.

Dimensions

All dimensions are in mm (in.).

Frame A...D**Frame E**

Frame	a	b	c	d	e
A	72.0 (2.83)	57.5 (2.26)	56.0 (2.20)	140.0 (5.51)	152.0 (5.98)
B	87.0 (3.43)	72.5 (2.85)	56.0 (2.20)	168.0 (6.61)	180.0 (7.09)
C	109.0 (4.29)	90.5 (3.56)	56.0 (2.20)	207.0 (8.15)	220.0 (8.66)
D	130.0 (5.12)	116.0 (4.57)	56.0 (2.20)	247.0 (9.72)	260.0 (10.24)
E	185.0 (7.28)	160.0 (6.30)	196.0 (7.72)	280.0 (11.02)	300.0 (11.81)

Note: Frames D and E cannot be mounted on a DIN-rail.

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Publication 520-IN004B-EN-P - September 2013

Supersedes Publication 520-IN004A-EN-P - December 2012

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