

2.11 REPLACING FAN MOTORS

[WATCH ON YOUTUBE](#)

WARNING

When opening the cabinet and replacing a fan motor, be careful not to touch the high-voltage circuits (marked  and fitted with an insulating cover).

Touching the uncovered high-voltage circuits presents an extremely dangerous electric shock hazard.

- Fan ordering information

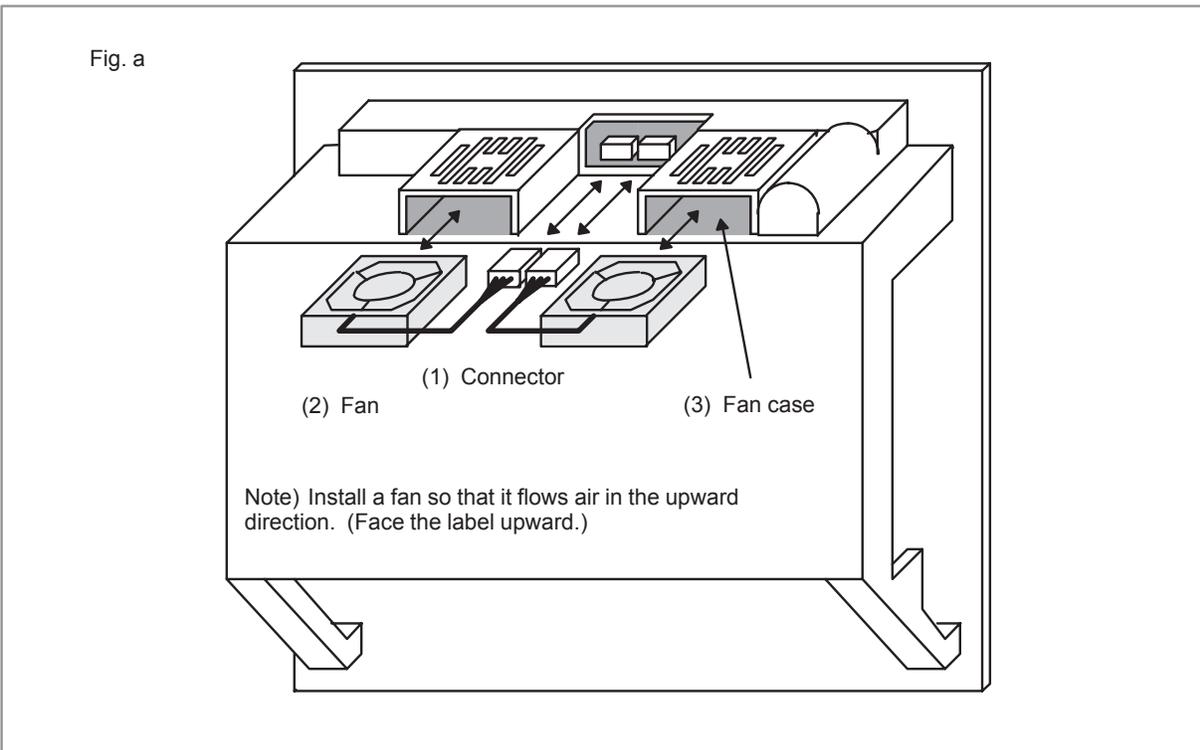
[Fanuc Cooling Fan Information](#)

	Ordering information	Required quantity
Unit with no option slot	A02B-0236-K120	2
Unit with 2 option slots	A02B-0236-K121	2
Unit with 3 option slots	A02B-0236-K121	2
	A02B-0236-K122	2
Unit with 4 option slots	A02B-0236-K121	4

Replacement procedure

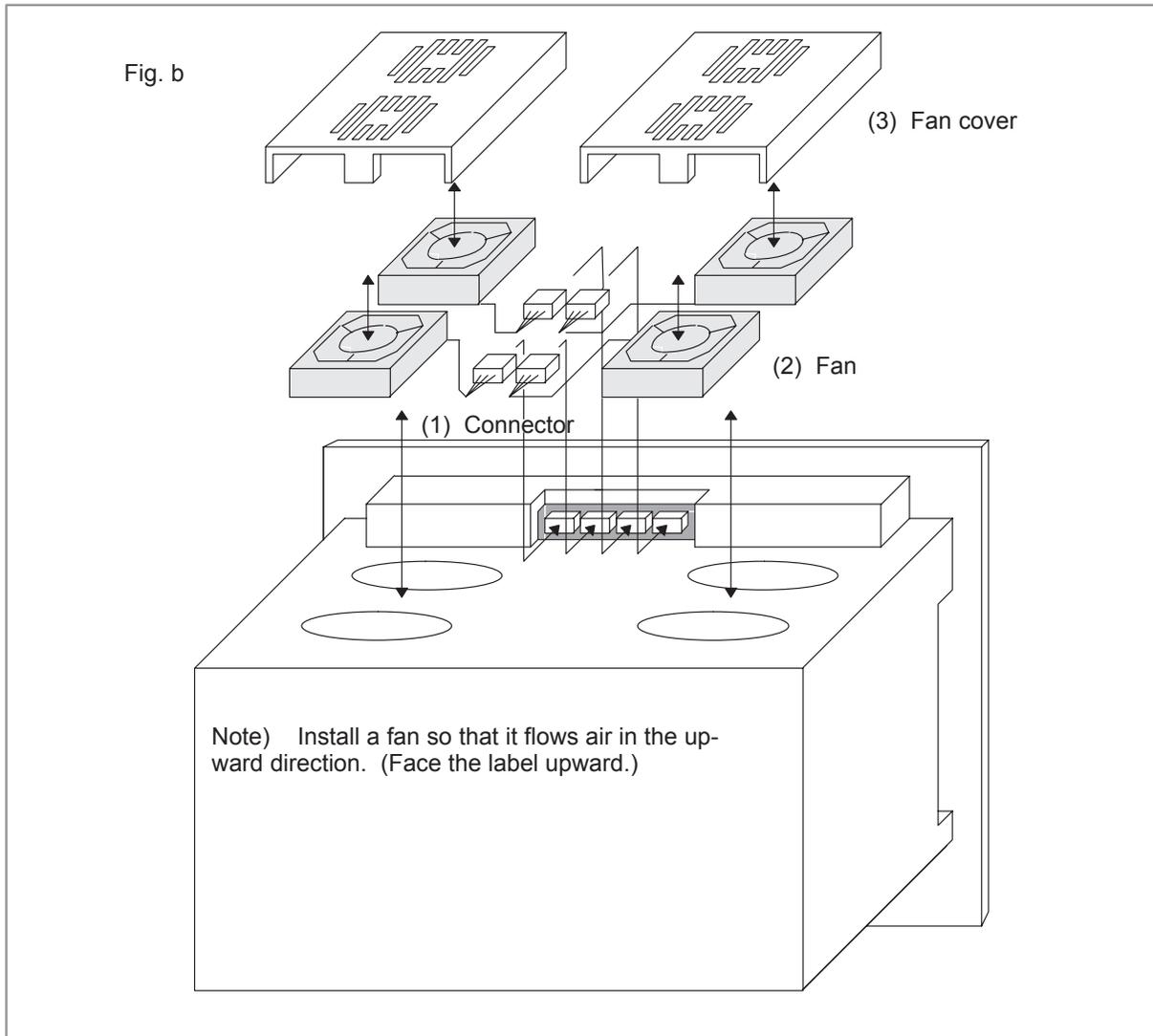
- For units with no expansion slots and units with 2 expansion slots

1. Before replacing a fan motor, turn off the power to the CNC.
2. Unplug the connector of a fan motor to be replaced ((1) of Fig. a). The connector is latched. So, when unplugging the connector, hold down the latch placed at the lower part of the connector with a flat-blade screwdriver.
3. Detach the latch securing the fan motor, then demount the fan motor ((2) of Fig. a).
4. Insert a new fan motor into the fan case ((3) of Fig. a), then reconnect the connector.



● For units with 4 expansion slots

1. Before replacing a fan motor, turn off the power to the CNC.
2. Unplug the connector of a fan motor to be replaced ((1) of Fig. b). The connector is latched. So, when unplugging the connector, hold down the latch placed at the lower part of the connector with a flat-blade screwdriver.
3. Detach the latch securing the fan cover ((3) of Fig. b), then demount the fan cover from the unit.
4. The fan is secured to the fan cover. Detach the latch, then demount the fan motor ((2) of Fig. b).
5. Install a new fan motor onto the fan cover. Then, reinstall the fan cover onto the unit, and reconnect the connector.



QUESTIONS?