


## 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

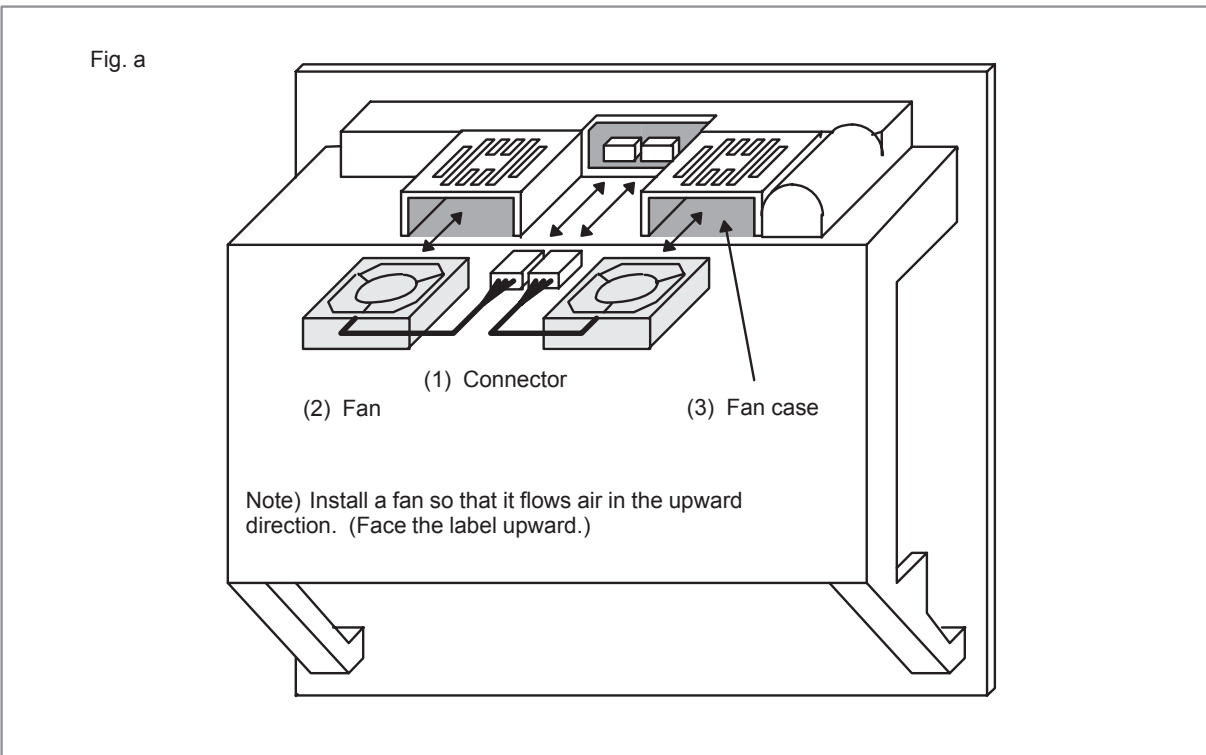
[Fanuc Cooling Fan Information](#)

	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

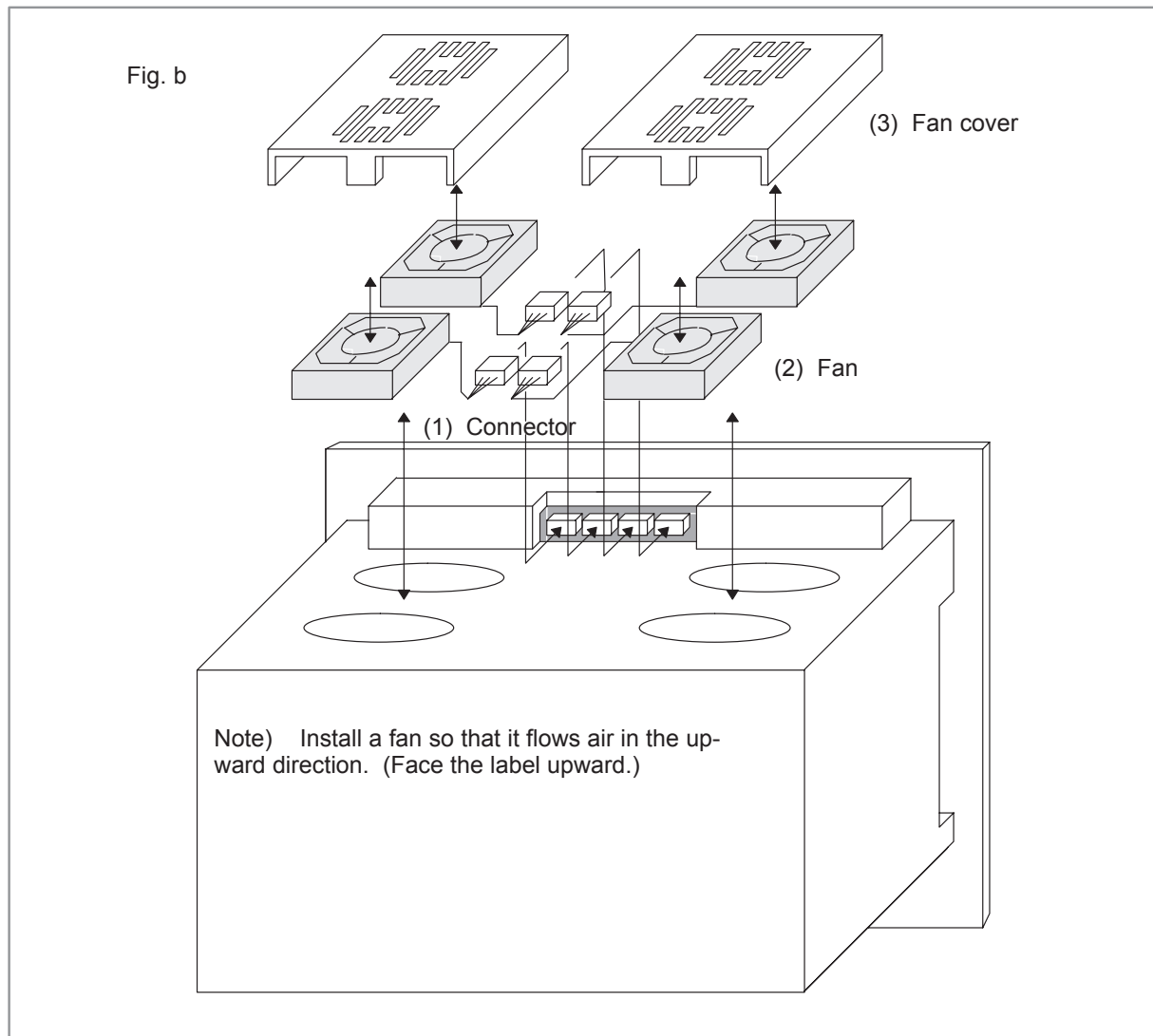
- For units with no expansion slots and units with 2 expansion slots

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?