

9-5. SPECIAL FUNCTIONS

9-5-1. Low noise mode (on-site modification) (Fig. 9-1)

By performing the following modification, operation noise of the outdoor unit can be reduced by about 3-4 dB. The low noise mode will be activated when a commercially available timer or the contact input of an ON/OFF switch is added to the CNDM connector (optional parts) on the control board of the outdoor unit.

- The capacity may be insufficient according to the outdoor temperature and conditions, etc.
- ① Complete the circuit as shown when using the external input adapter (PAC-SC36NA). (Optional parts)

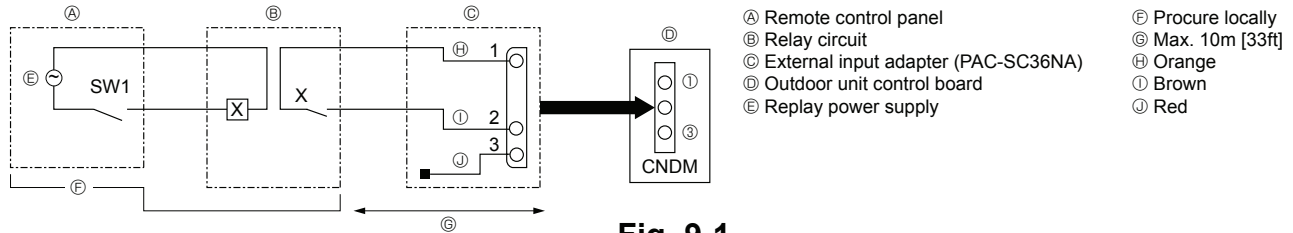


Fig. 9-1

9-5-2. Demand function (on-site modification) (Fig. 9-2)

- It is possible to reduce electricity consumption within a range from 0 to 100 % by performing the following on-site installation. The demand function can be enabled by adding a commercially available input contact point ON/OFF switch to the CNDM connector (the contact point demand input, optional parts).

- ① Incorporate the "Adapter for external input (PAC-SC36NA)" into the circuit as shown in the diagram below.
- ② By switching SW7-1 on the control circuit board for the outdoor unit, the following power consumption restrictions (compared to rated power) can be set.

SW7-1	Power consumption when SW2 is on
OFF	0% (Forced compressor stop)
ON	50%

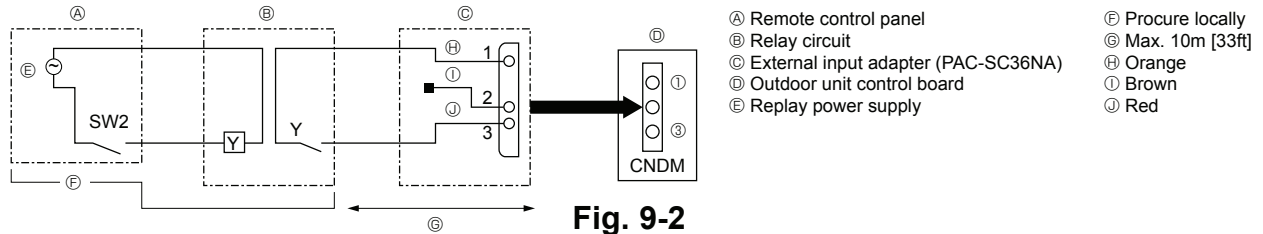


Fig. 9-2

9-5-3. Error and compressor operation monitoring function (CN51)

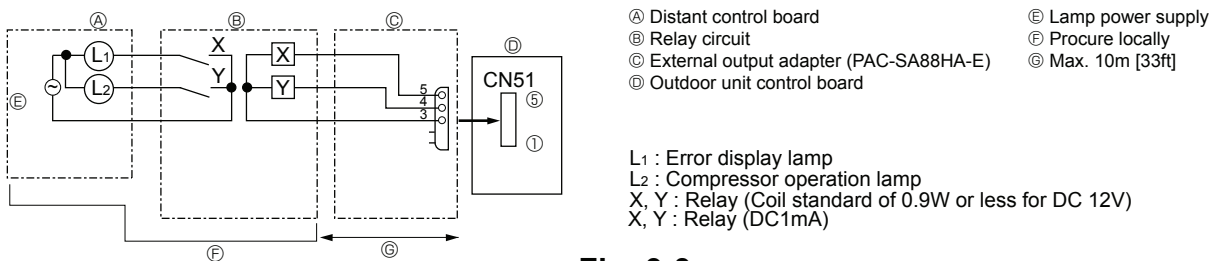
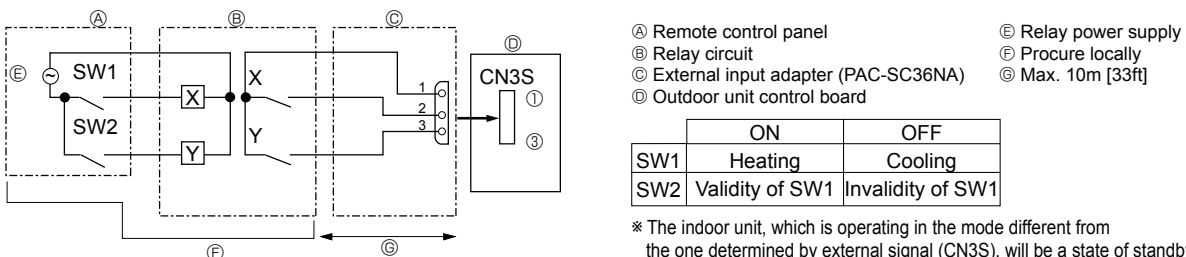


Fig. 9-3

9-5-4. Auto change over - Operation mode locking function by external signal (CN3S)



- * The indoor unit, which is operating in the mode different from the one determined by external signal (CN3S), will be a state of standby.
- * The setting becomes effective when the outdoor unit is under stop.
- * The operation mode specified by test run will be prior to the mode of this function.

Fig. 9-4