

## Cold Air Prevention

Fujitsu Mini-split Inverters have a feature called **Cold Air Discharge Prevention** which runs the indoor fan at a very low fan speed for about 3-5 minutes on the heat mode only. This feature allows the indoor unit to warm up before it begins full operation. The indoor heat exchanger thermistor is responsible for monitoring this temperature.

If the system is used on the heating mode but has lost refrigerant, there will be no heat transfer, while the indoor heat exchanger thermistor looks for temperatures above 81°F to commence full operation, the unit will only operate on slow speed.

Some technicians may confuse this problem with a logic PCB or fan problem, it's actually a refrigerant issue. It's best to recover, check for leaks and recharge as per manufacturer's specs.

### Cold Air Prevention Discharge Protection

#### (6).COOL AIR PREVENTION CONTROL (Heating mode)

The maximum value of the indoor fan speed is set as shown in Figure 8, based on the detected temperature by the indoor heat exchanger sensor on heating mode.

(Fig.8 : Cool Air Prevention Control)

