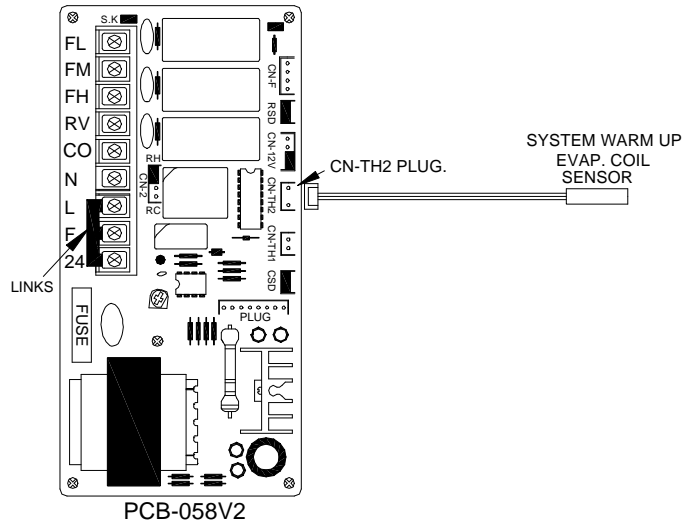




PRODUCT BULLETIN

SUBJECT : INSTALLATION OF INDOOR COIL WARM UP SENSOR

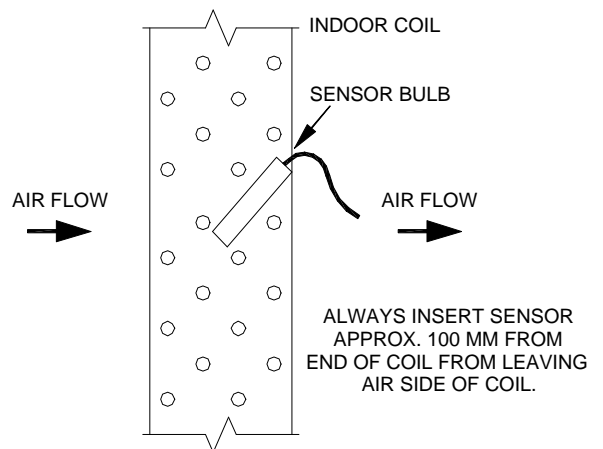
To reduce cold drafts from heat pump ducted air conditioners when the unit starts on heat operation, an optional indoor coil sensor is available to connect to the PCB-058V2.



The coil sensor can be installed in the following locations in the indoor coil.

1) Location in coil fins.

- a) It is important to push the sensor fully into the coil from the leaving airside of the coil.
- b) Insert the sensor on an angle so that it is located between the tubes in the coil.
- c) Do not insert the sensor from the air on side of the coil as the fan may cycle off & on continuously due to the effect of cold return air.
- d) The HP control if fitted should have a cut out setting of 420 PSI (2,900 kPa) or the compressor may stop during initial switch on or if the unit is slightly overcharged.



2) Fasten to header.

- a) Only fasten the sensor to the coil header using a strong metal clip to ensure a good thermal contact.
- b) Do not use plastic cable ties, duct tape or any plastic type of clip as these types of fastenings will not maintain a good contact between the sensor & tube. For reliable operation, good tight contact between the copper pipe & sensor must be made for good heat transfer. Poor thermal contact results in system & fan operating problems.

