

**INSTALLATION INSTRUCTIONS FOR THERMISTOR KITS USED ON (30L45)  
SHH/SDH 036-240 PACKAGED UNITS - WITH R454B**

**Shipping and Packing List**

Package 1 of 1 contains:

3- Thermistors for 30L45

**!WARNING**

To prevent serious injury or death:

1. Lock-out/tag-out before performing maintenance.
2. If system power is required (e.g., smoke detector maintenance), disable power to blower, remove fan belt where applicable, and ensure all controllers and thermostats are set to the "OFF" position before performing maintenance.
3. Always keep hands, hair, clothing, jewelry, tools, etc., away from moving parts.

Check packaging for shipping damage. Contact the last carrier immediately if any shipping damage is found.

**Application**

Units are equipped with factory-installed discharge thermistors located on each compressor to help monitor system operation.

Each thermistor must be specifically placed on the discharge line for proper unit operation. Secure the thermistor with the clip provided in the kit, ensuring that the leads are pointing up. The discharge line coming from the compressor may be hot, so it is important to use caution and route the connecting wires away from the discharged line and secure with a high heat wire tie. For proper sensor locations see TABLE 1. Add thermal grease to sensor contact area with pipe prior installing into discharge line. Thermal grease not provided with kit.

**NOTE** - Multiple thermistors are provided in each kit but not all thermistors are used in each application. See TABLE 1

**TABLE 1**  
SHH/SDH 036-240

SH/SD Model	Sensor/Wire Color	Figure	Clip Size
036-060	RT66 - Yellow	1	5/8"
092-120	RT66 - Yellow	2	7/8"
180-240	RT66 - Yellow RT67 - Green	3	7/8"

**!WARNING**

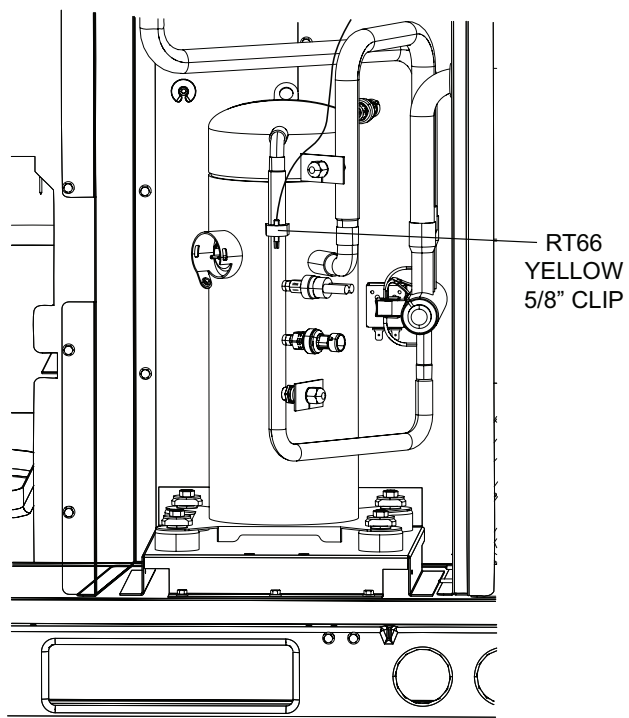
Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier.

**!CAUTION**

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

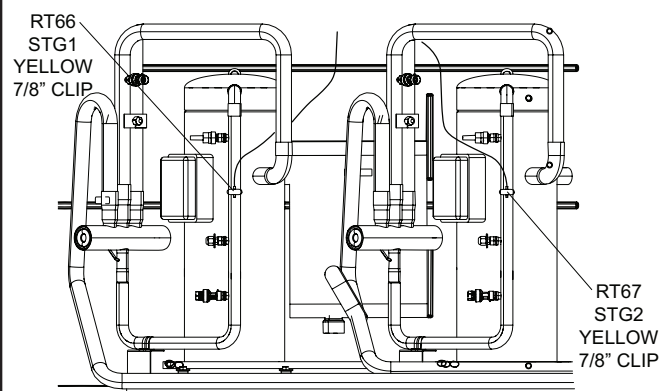
R454B

**DISCHARGE THERMISTOR LOCATION SHH/SDH036-060**



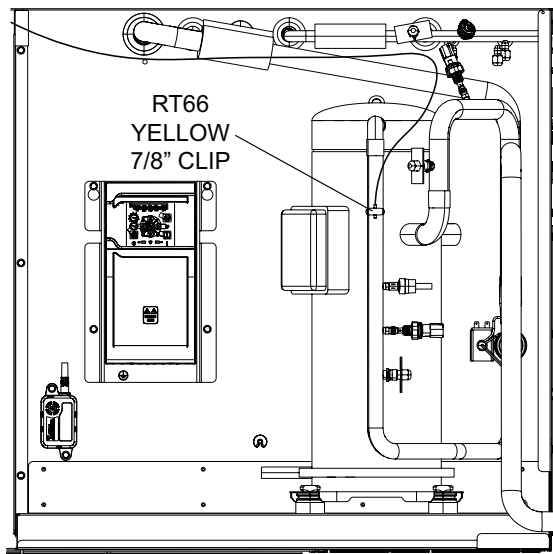
**FIGURE 1**

**DISCHARGE THERMISTOR LOCATION SHH/SDH180-240**



**FIGURE 3**

**DISCHARGE THERMISTOR LOCATION SHH/SDH092-120**



**FIGURE 2**