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ADDENDUM

ADDENDUM FOR INSTALLATIONS INSTRUCTIONS 507999-01

This addendum supersedes all information pertaining to installation of the discharge air sensor.

Installation

- 1 - Shut off all power to the unit.
- 2 - See tables 1, 2, 3 and figures 2, 3 and 4 for SLP99UHV discharge air sensor location.
- 3 - Drill a 3/8 inch diameter hole in the supply duct based on the specified location.
- 4 - Center the discharge air temperature sensor in the middle of the hole and use two field provided screws to secure *FULLY* in place
NOTE - The orientation of the sensor mounting flange is not critical and can be oriented to whatever position is needed to prevent interference with the evaporator coil, air duct etc.
- 5 - Connect field supplied wiring to the discharge air temperature sensor terminals on the integrated control board. See figure 1
- 6 - Return power to unit.

TABLE 1

Discharge Air Temperature Sensor Location Upflow

SLP99UH Model	“a”	“b”	Mounting Surface
070XV36B	2”	Center	Plenum Duct
090XV36C	3”	Center	
090XV48C	2”	7” from right	
090XV60C	3”	4” from left	
110XV60C	2”	8” from right	
135XV60D	2”	7” from left	

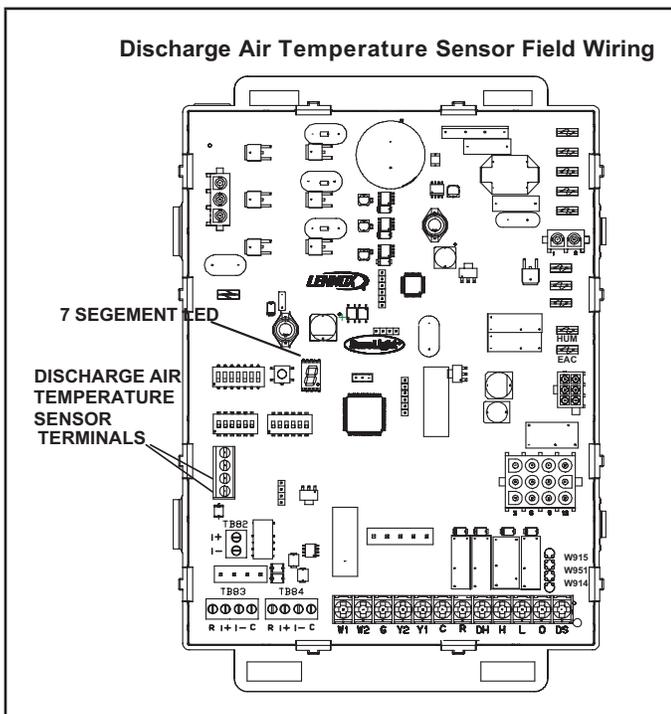


FIGURE 1

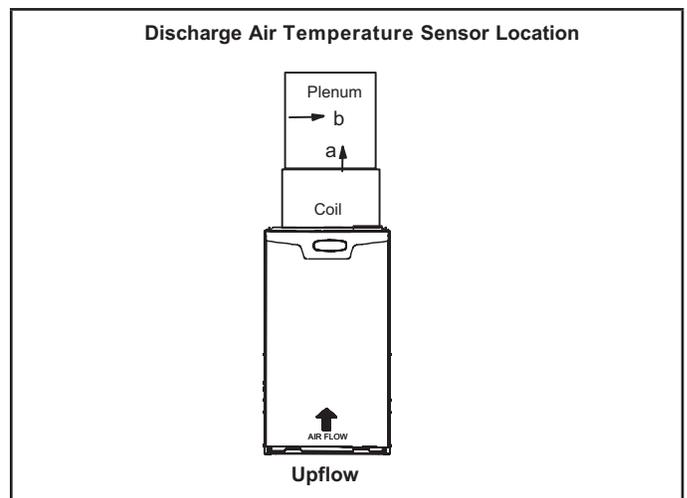


FIGURE 2

NOTE - If the system does not include an evaporation coil, the sensor should be installed according to the following:

- 1 - Place the sensor as far away from the direct heat source in the main plenum as possible. A minimum of 19” is recommended but up to 36” is preferred.
- 2 - Offset the sensor 1/4 of the width of the plenum from the left edge of the plenum in upflow, top edge of the plenum in horizontal right and bottom of the plenum in horizontal left. For example, if the plenum is 16” wide then offset the sensor 4” from the edge. The sensor should report a temperature within the rise range of the furnace. If the readings from the sensor appear to be below the rise range of the furnace, move the sensor in 1” increments towards the center of the plenum until the sensed temperature is within the rise range of the furnace. If the sensor reading appears to be too high, move the sensor in 1” increments towards the edge of the plenum until the sensed temperature is within the rise range of the furnace.



TABLE 2
Discharge Air Temperature Sensor Location
Horizontal Left

SLP99UH Model	"a"	"b"	Mounting Surface
070XV36B	5"	Center	Plenum Duct
090XV36C	3"	4" from bottom	
090XV48C	2"	7" from bottom	
090XV60C	4"	3" from bottom	
110XV60C	3"	8" from bottom	
135XV60D	2"	7" from bottom	

TABLE 3
Discharge Air Temperature Sensor Location Horizontal Right

SLP99UH Model	"a"	"b"	Mounting Surface
070XV36B	5"	Center	Plenum Duct
090XV36C	2"	8" from bottom	
090XV48C	3"	Center	
090XV60C	3"	7" from top	
110XV60C	3"	Center	
135XV60D	2"	7" from top	

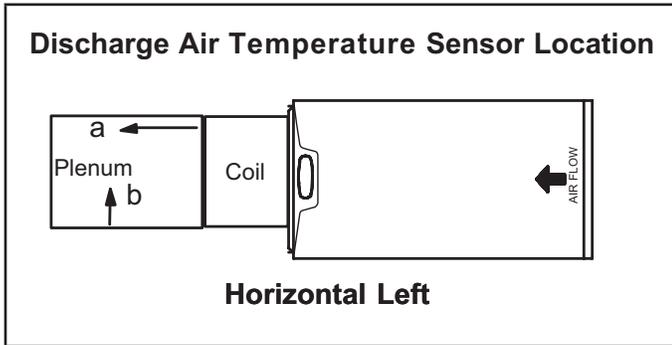


FIGURE 3

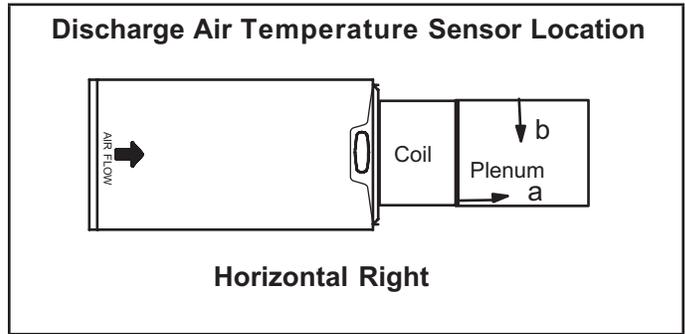


FIGURE 4