

79 Series Conversion to AFS Series

When converting from a 79 series furnace to a AFS series there several things that needs to be taken into account. The biggest difference is that the exhaust is at the top of a 79 Series and at the bottom of the AFS series.

There are several ways to accomplish the transition of the location of the hole from one to the other.

Raising the Furnace

1. If there is room to raise the furnace so that the exhaust lines up with the existing hole. This would require about 5 inches if the furnace is placed horizontal and 10 inches if it is placed vertical. It also will require an additional 6 inches on the left side. Left being facing the furnace from the outside if the furnace is placed horizontal.

Not Raising the Furnace

2. If there is no room to raise furnace then an exterior door would need to be added. (see door cut out demotions in IOM). The wall on the exterior would need to accommodate that dimension. The furnace could be placed horizontal or vertical to better place door on wall.

Note: The new vent will only cover the existing hole if placed correctly. It will not cover the existing screw holes these will need to be filled.

3. The AFS series furnace must be placed directly against the exterior wall. There are no telescoping vents available. The wall can be no thicker than 2.75 inches.
4. Ducting may need to be added if current furnace is a blow through and needs to be changed to ducting. (Furnace Recessed too deep in cabinet for blow through). (See IOM for Ducting requirements). If blow through installation is used, then a vent kit will need to be ordered with furnace. There are two different kits.

A. Vent kit for Less Door application. Part # 30260

B. Vent Kit for door application. Part # 30259

Relocating exhaust location in wall

1. This would require patching existing hole for exhaust.

Wiring

1. There are three wires on the 79 Series furnace and four on the AFS series furnace.

79 Series

- A. Red - Power 12Votl +
- B. Black - Ground 12 Volt -
- C. Blue or White - Power from Thermostat.

AFS Series

- A. Red - Power 12 Volt +
- B. Black Ground 12 Volt -
- C. Blue marked Thermostat + is power to thermostat.
- D. Blue marked thermostat - is power from thermostat telling the furnace to come on.