

OMEGA Legacy Kit Installation Instructions

This document describes the installation instructions for the Legacy family of products including Legacy Versions 1, 2 and 4. The document “[OMEGA - Legacy Kit Documentation](#)” located on the Omega website at www.omega-heatpump.com can be a helpful aid during installation and potential troubleshooting.

STEP 1: Identification of the HTS Signature “ELECTROMECHANICAL” HP Chassis

The legacy units can ONLY be utilized with HTS Signature Series “ELECTROMECHANICAL” HP chassis as manufactured by Enerzone. These units can be readily identified by the following features.

- a) The discrete electromechanical components as depicted in **Figure 1** making up its control circuitry. The circuit diagram is shown in **Figure 2** and located internally in the chassis.
- b) The unique Molex connector as identified in **Figure 3**. This connector plugs into the fan cabinet of the Signature Series.

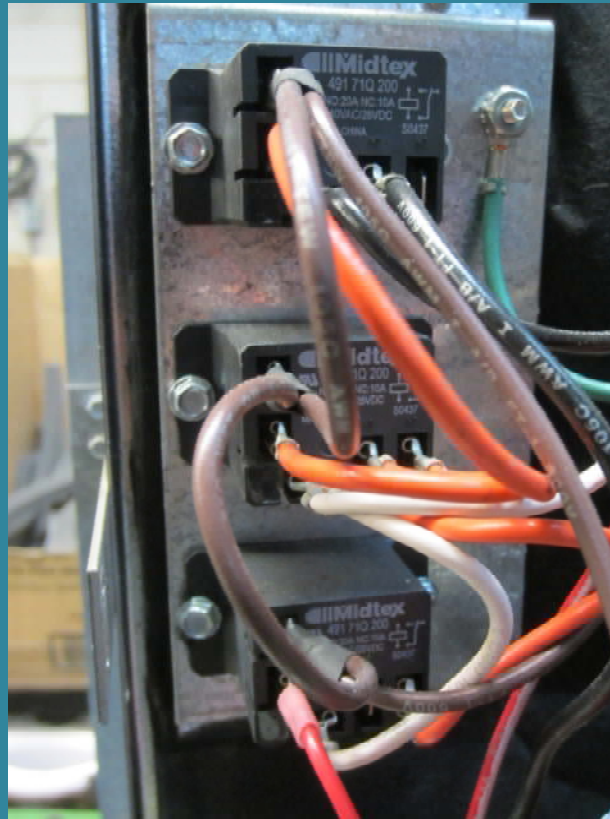


Figure 1 – HTS Signature HP “ELECTROMECHANICAL” Circuit

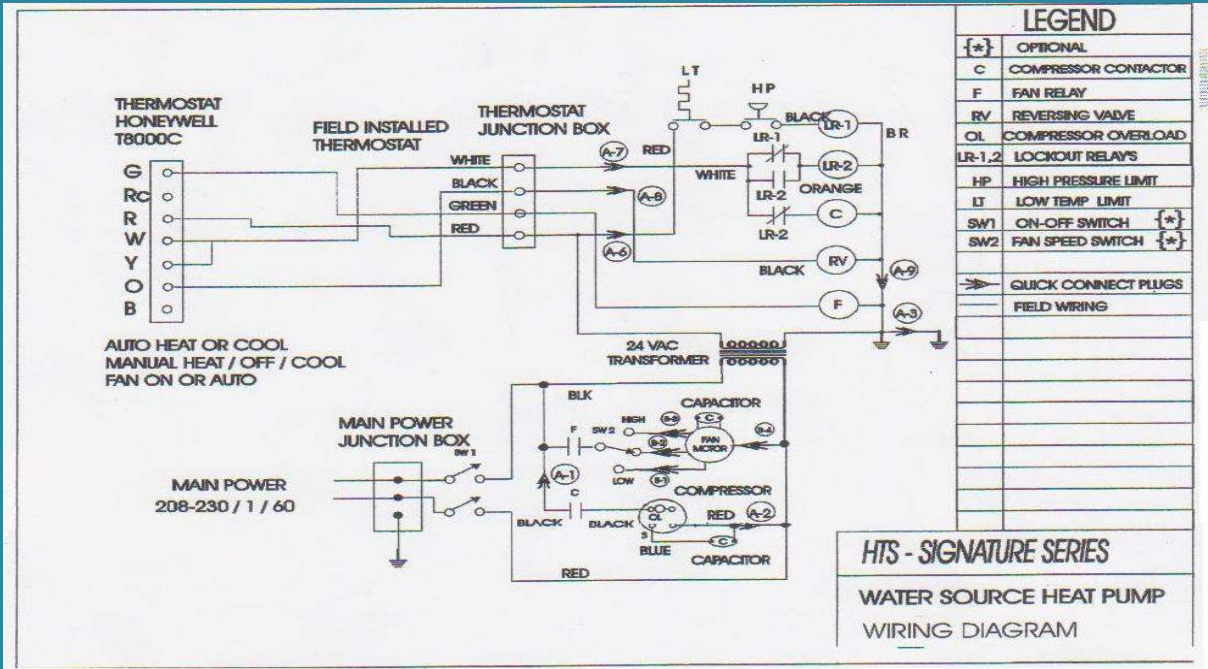


Figure 2 – HTS Signature HP “ELECTROMECHANICAL” Circuit

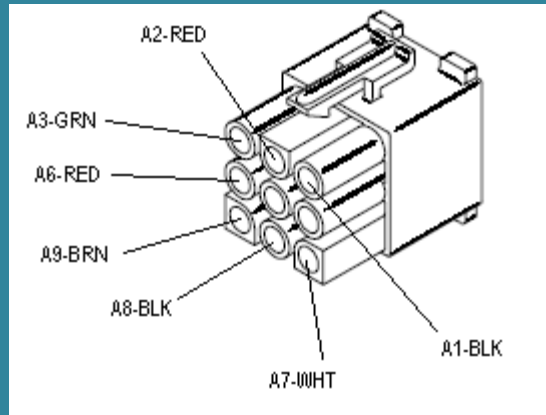


Figure 3 – HTS Signature Series HP Connector

STEP 2: REMOVE OLD CHASSIS

1. Shut off power to unit.
2. Partially slide unit out of fan cabinet.
3. Shut off supply and return water to unit with manual valves.
4. Disconnect 9 pin wiring cable between chassis and fan cabinet.
5. Fully remove old chassis from fan cabinet and set aside.

STEP 3: INSTALL LEGACY KIT

1. Fasten the Legacy Kit on the inside RIGHT side wall of fan cabinet in the approximate location shown in **Figure 4**.
2. Ensure orientation of kit is per **Figure 4** (note fan cabinet cable location as well as chassis power and control cable orientation on Legacy Kit).
3. For Legacy Kit 2 Only: Ensure low pressure bypass timer is set to 3 minutes or less.
4. For Legacy Kit 4 Only: Attach option LED display array cable to socket on internal PCB.
5. Attach the 9 pin fan cabinet from Legacy Kit to the fan cabinet.

STEP 4: INSTALL NEW OMEGA CHASSIS

1. Position the NEW OMEGA Chassis in the fan cabinet opening.
2. Connect the supply and return water hoses and open manual valves. Check for leaks.
3. Connect the Chassis POWER Cable (Black – 4 pin) and Chassis CONTROL Cable (White – 9 pin) from the new Omega Chassis into the Legacy Kit (**Figure 5**).
4. Slide chassis fully into Fan Cabinet.

STEP 5: START & TEST UNIT

1. Enable Power to Unit.
2. Test unit in heating and cooling mode.

TROUBLESHOOTING

Refer to document “OMEGA - Legacy Kit Documentation” located on the Omega website at www.omega-heatpump.com to troubleshoot your particular Legacy Kit.

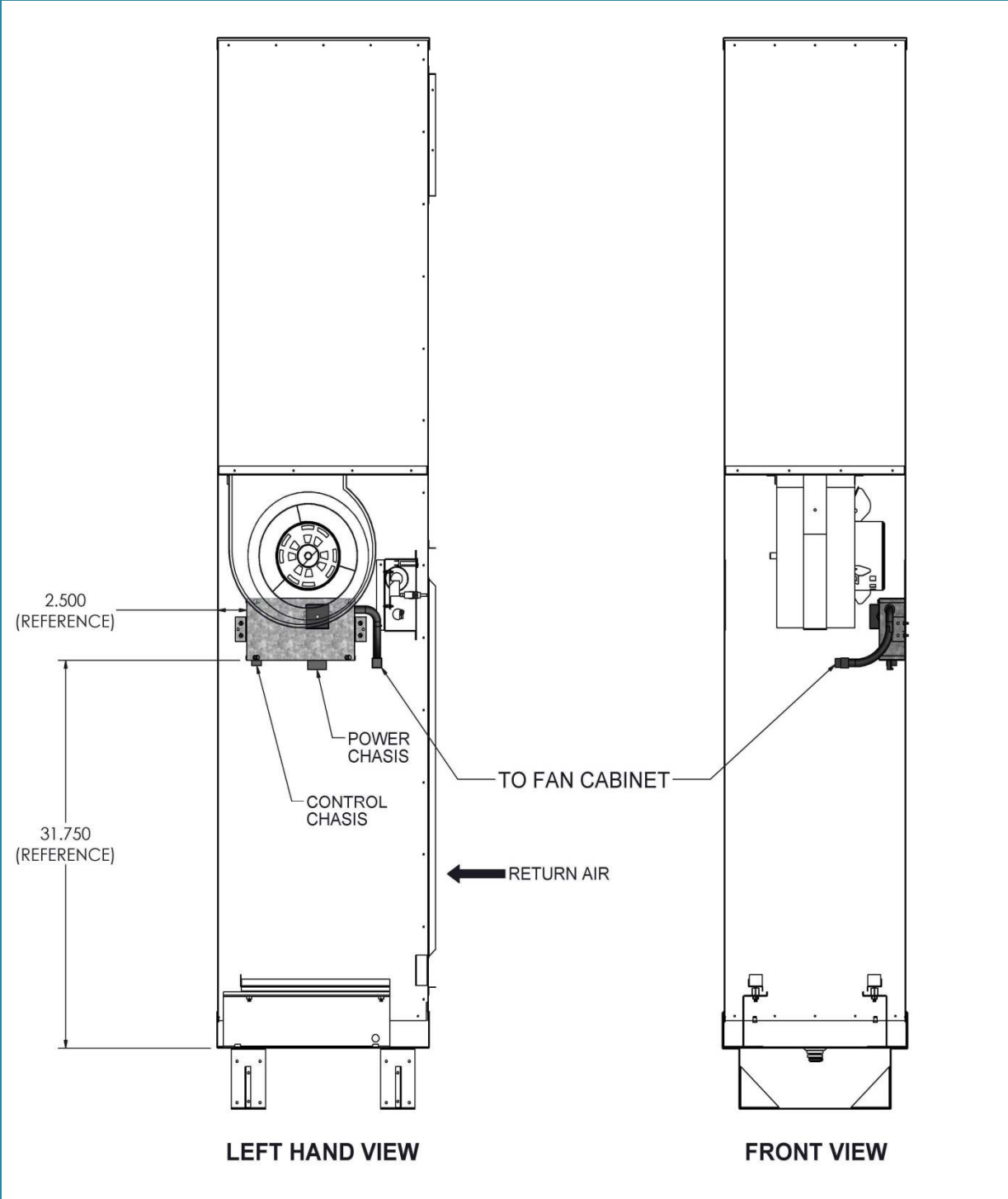


Figure 4 – Legacy Kit Installation

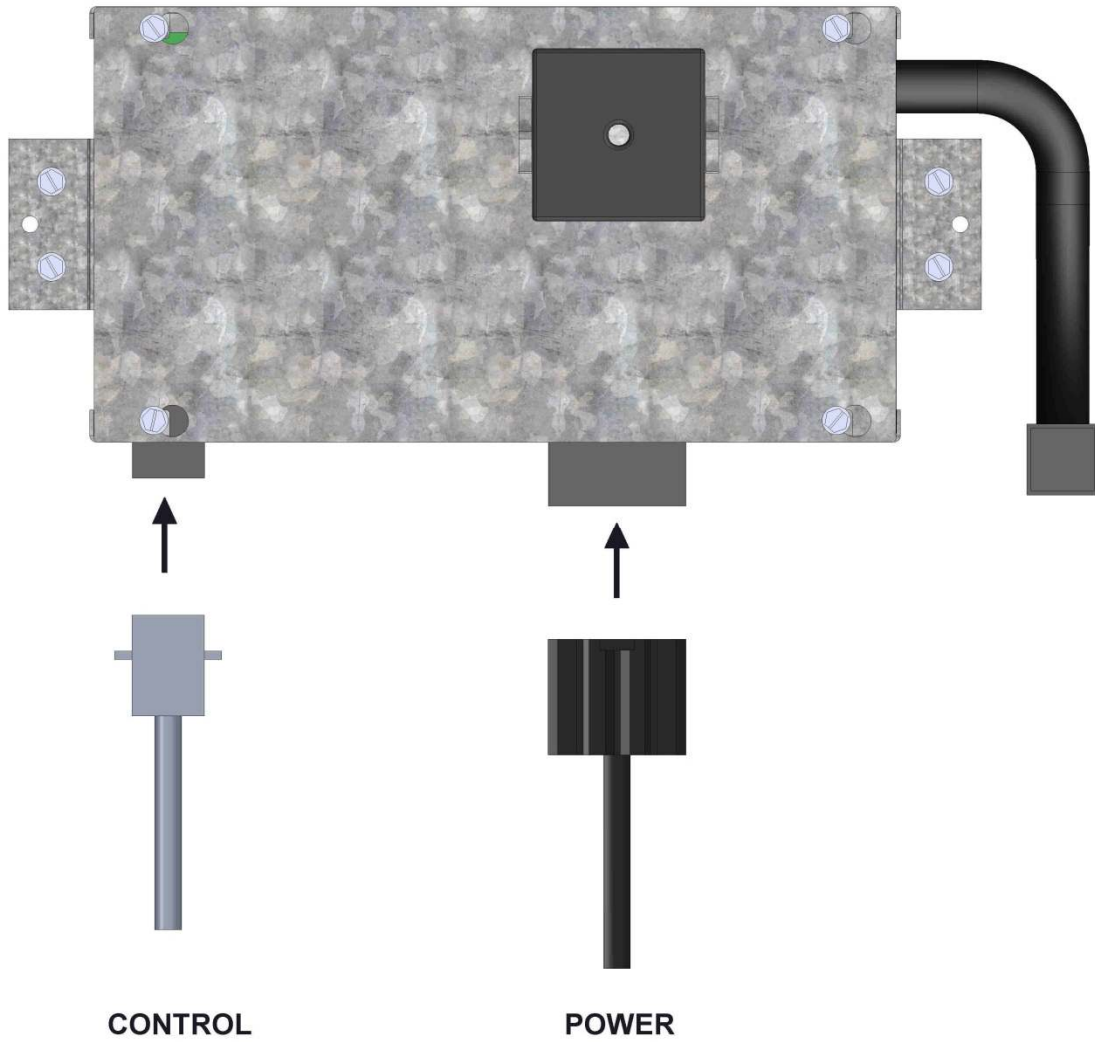


Figure 5 – Legacy Kit Cables