



ONECONTROL[®]
HVAC CONTROL 2.0
WITH GENERATOR GENIE

OWNER'S MANUAL

L I P P E R T
C O M P O N E N T S[®]

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Introduction

The OneControl® (formerly MyRV®) Dual-zone Control module controls the operation of heating, ventilation and air conditioning (HVAC) systems. The module is available in 1-zone, 2-zone or 3-zone configurations. In conjunction with the OneControl® mobile application (app), MyRV® tablet, or the OneControl® Touch Panel (OCTP), the HVAC control module provides all of the same functions as a standard wall-mounted thermostat. The user interface is provided through the mobile app or OCTP application, while the physical/electrical functions are provided by the HVAC Control Module.

The module interconnects are identical to standard thermostat wiring, making this product an ideal drop-in replacement for customers who wish to upgrade their system to a modern app-driven touchscreen interface. In addition to thermostat wiring, an external temperature sensor is also required, allowing the HVAC Control Module to be installed in an equipment bay or other out-of-the-way location. The temperature sensor must be installed in a suitable location in the living area whose temperature is to be controlled.

Plug-and-play compatibility with LCI OneControl® CAN bus systems means that you can remotely control the system from a wide variety of LCI products. The climate zone name can be customized at the factory to show the zone being accessed.

Installation of Wi-Fi capable OneControl® system grants customers the ability to wirelessly control the product using their Android or iPhone mobile device. Simply go to the app store and download the OneControl® mobile app.

Additional information about this product can be obtained from lci1.com/support or by downloading the free myLCI app. The app is available on iTunes® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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Safety

CAUTION

This HVAC control device requires 12V direct current (DC) and cannot operate from alternating current (AC) sources. Do NOT connect the HVAC control device to AC power. Connecting the module to AC will cause irreparable damage, and void the warranty.

Compatibility

The HVAC control unit is compatible with the following appliances:

1. Single-stage LP gas furnaces with self-contained fan control.
2. Conventional air conditioning units with one or two-speed fans.
3. Combination air conditioning/heat pump units with one or two-speed fans.

Specifications	Min	Typical	Max	Units
Operating Supply Voltage	9	13.8	18	Volts DC
Operating Temperature Range	14 (-10)		113 (+45)	°F (°C)
Quiescent Current		30	45	mA DC
Sink Current (Generator)		1.2	2.0	A DC
Focused Relay Drive Current			1.5	A DC

Specifications

The HVAC control unit includes a "capabilities" switch which must be set to correspond with the attached equipment. The switch settings are as follows:

Switch Function	When "OFF"	When "ON"	Note
Dual Speed Fan	Fan is High-speed only	Fan has a Low Speed wire	
Heat Pump (HP)	Unit (if present) is AC only	Rooftop AC Unit includes HP	Orange wire
AC Unit Present	No AC unit in this zone	This zone has AC	HP setting ignored
Furnace Present	No furnace in this zone	This zone has gas furnace	Furnace has own fan

HVAC Operation - OneControl® Touch Panel

NOTE: When using the OneControl® HVAC system, all of the controls you would normally find on your thermostat will be in the HVAC app on your OneControl® Touch Panel.

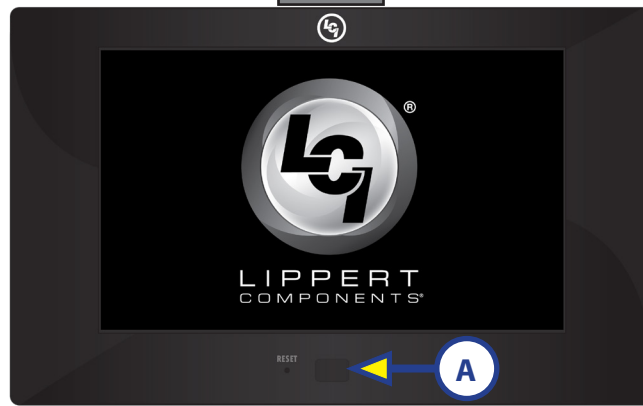
Power On/Off

1. The device can be powered on or off using the button on the front of the device (Fig.1A).

NOTE: It will take a few moments to start up and load the system.

2. To enter or exit sleep mode, press and release the power button (Fig. 1A).

Fig. 1



Control Panel

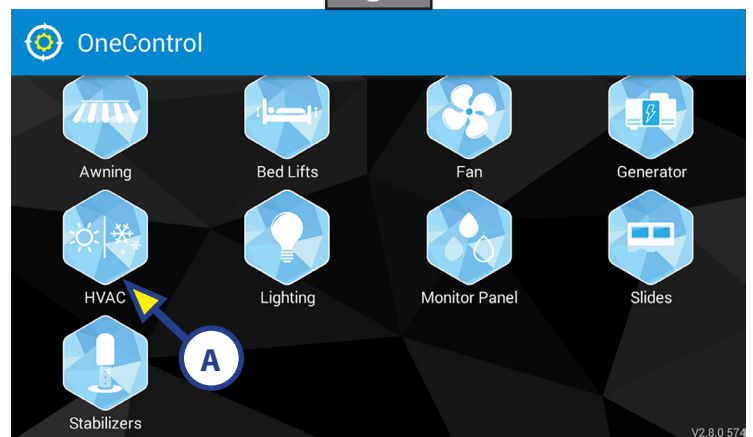
1. Locate "OneControl® (formerly MyRV) Control Panel" (Fig. 2A).
2. Pressing the "OneControl® Control Panel" (Fig. 2A) will open the "OneControl® Control Panel" (Fig. 3).
3. Press the HVAC icon (Fig. 3A).

NOTE: The control panel will show icons representing the devices connected to the OneControl® system.

Fig. 2



Fig. 3



System Operations

NOTE: Push the applications "Home" icon (Fig. 4A) to return to the OneControl® home screen.

Fig. 4



1. In the OneControl® home screen, select the HVAC icon to open the app (Fig. 3A).
2. In the HVAC app screen, select the Climate Zone you wish to adjust (Fig. 5).
3. There are two boxes on the left-hand side of the screen (Fig. 6). The top box controls the heating/cooling mode. The bottom box controls the fan.
 - A. Press the top box to choose the HVAC mode. A large box will populate with all available options for that Climate Zone. Choose from the following:
 - I. **Heat/Cool** - In this mode choose a High and Low setpoint and the HVAC system will operate to keep the temperature between those two setpoints.
 - II. **Heat** - In this mode you can choose your desired set point and the furnace or heat pump will operate to keep the temperature at that set point. If equipped with a heat pump, there will be a prompt to choose a heat source. The options are Gas or Heat Pump.
 - III. **Cool** - In this mode choose a desired setpoint and the AC will operate to keep the temperature at that setpoint.
 - IV. **Off** - This setting turns the HVAC system off completely.

Fig. 5

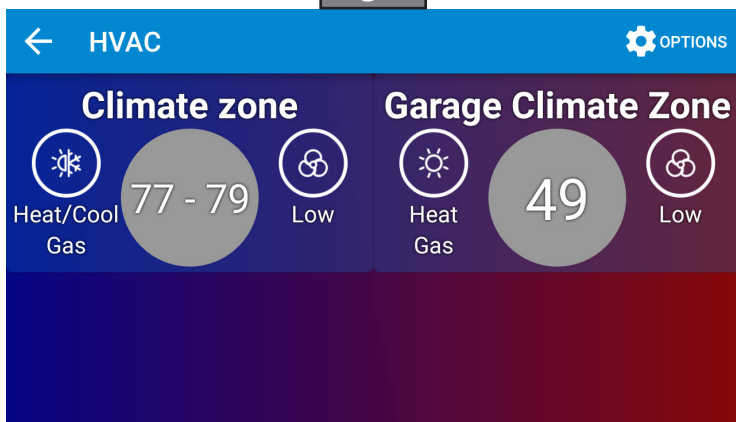
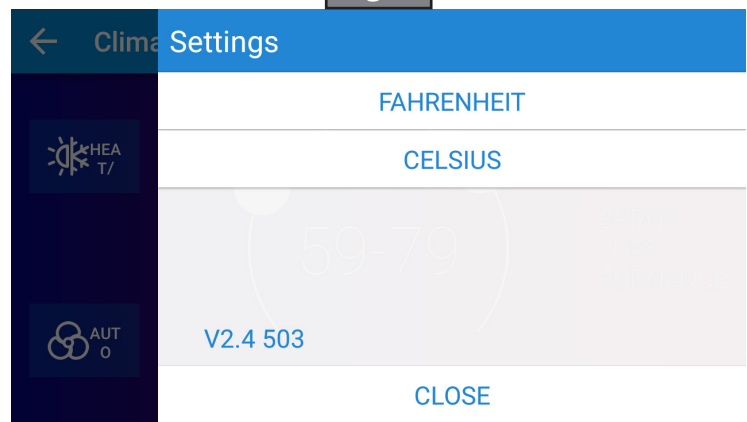


Fig. 6



- B. Once the desired mode has been selected, press the "Close" button on the right (Fig. 6).
- C. Press the bottom of the two boxes on the right. A large box will populate with all available fan settings. Choose from the following:
 - I. **High Fan** – The high fan will run continuously until another setting is chosen.
 - II. **Low Fan** – The low fan will run continuously until another setting is chosen.
 - III. **Auto** – The fan will run when the HVAC system calls for heating or cooling and then shut off after the set point is reached.

NOTE: The fan will continue to run for two minutes after the setpoint has been reached to cool the compressor/furnace.

- D. Once the desired fan setting has been selected, press the "Close" button on the left.

4. In the center of the screen is a temperature with a radius around it. On that radius there is a white circle (Fig. 7). To adjust the setpoint:
 - E. Press and hold the white circle to drag it around the radius. Clockwise around the radius will raise the setpoint temperature. Counterclockwise around the radius will lower the setpoint temperature.
 - F. Once the desired setpoint is reached, release the white circle.
- NOTE:** When in "Heat/Cool" mode there will be two white circles (Fig. 8). One to the left sets the low end of the temperature range and one to the right sets the high end of the temperature range.
5. To the right of the setpoint temperature and radius is the system status displayed.
Examples: Currently 78° F and cooling; Currently 65° F and Heating with gas; Currently 72° F and idle.

Fig. 7

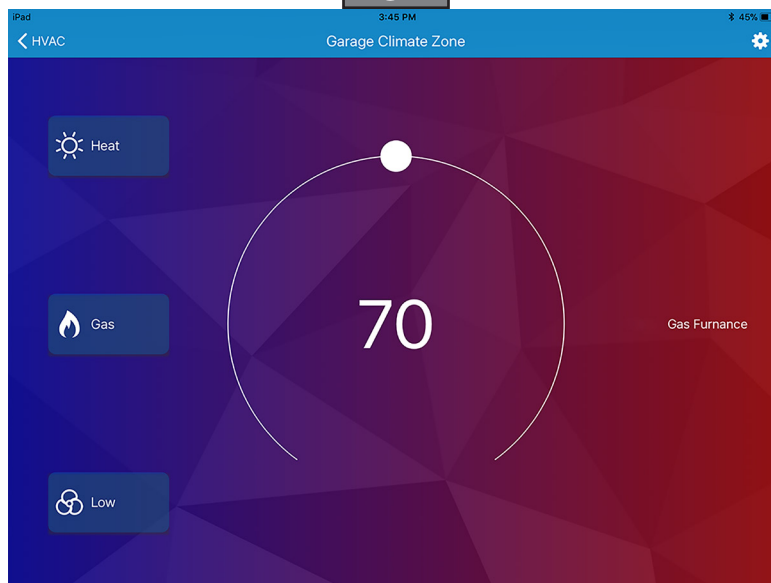
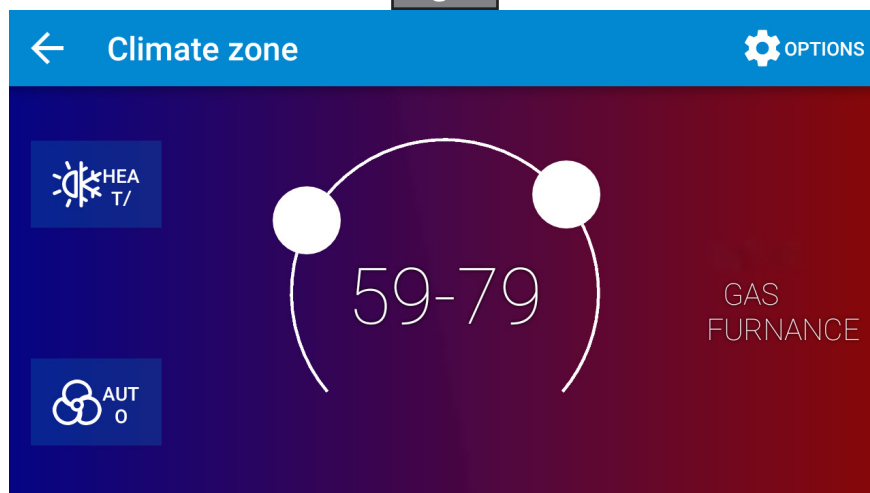


Fig. 8



Wiring Diagram

The following diagrams show the possible appliance connections depending on the OEM installed controller.

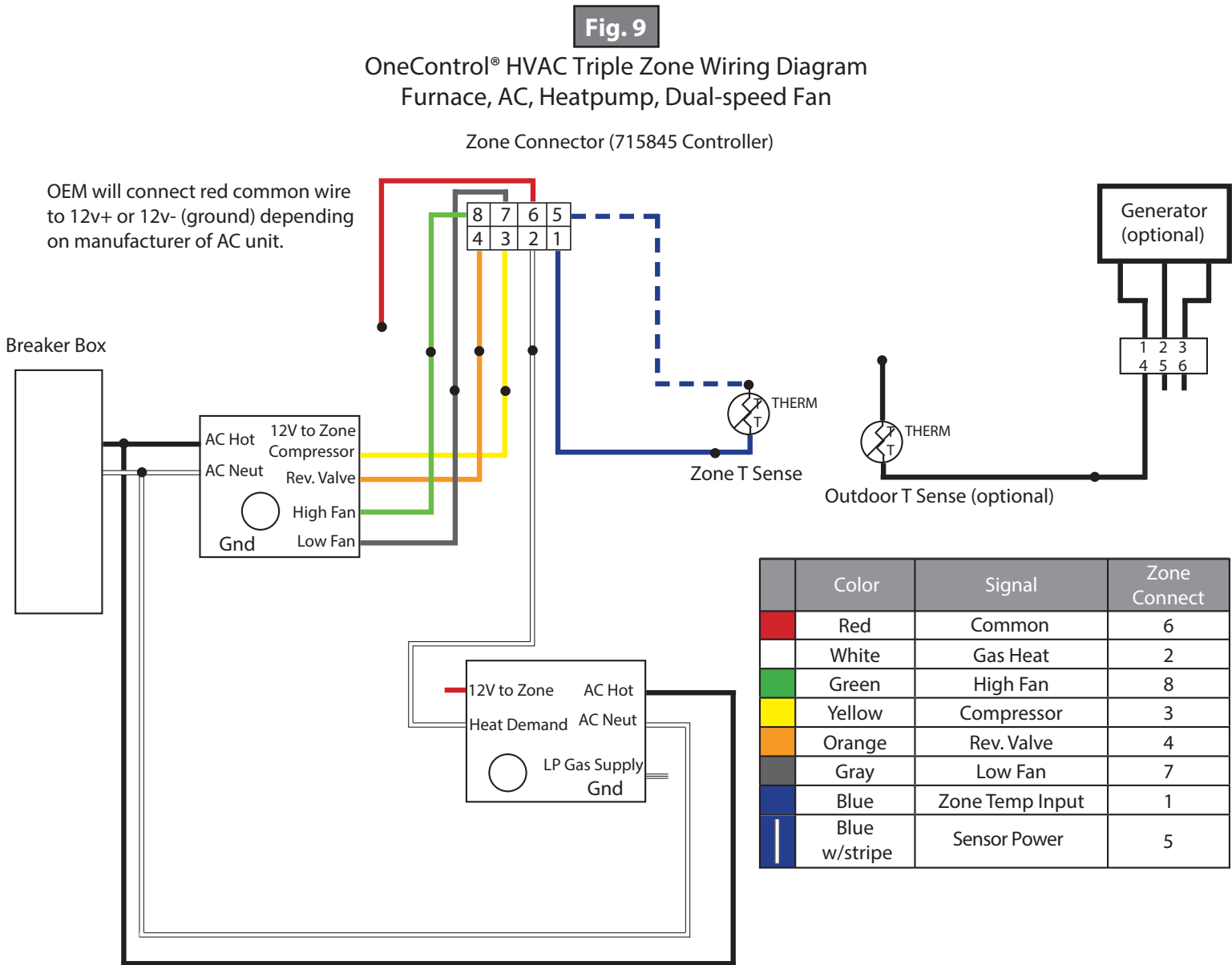
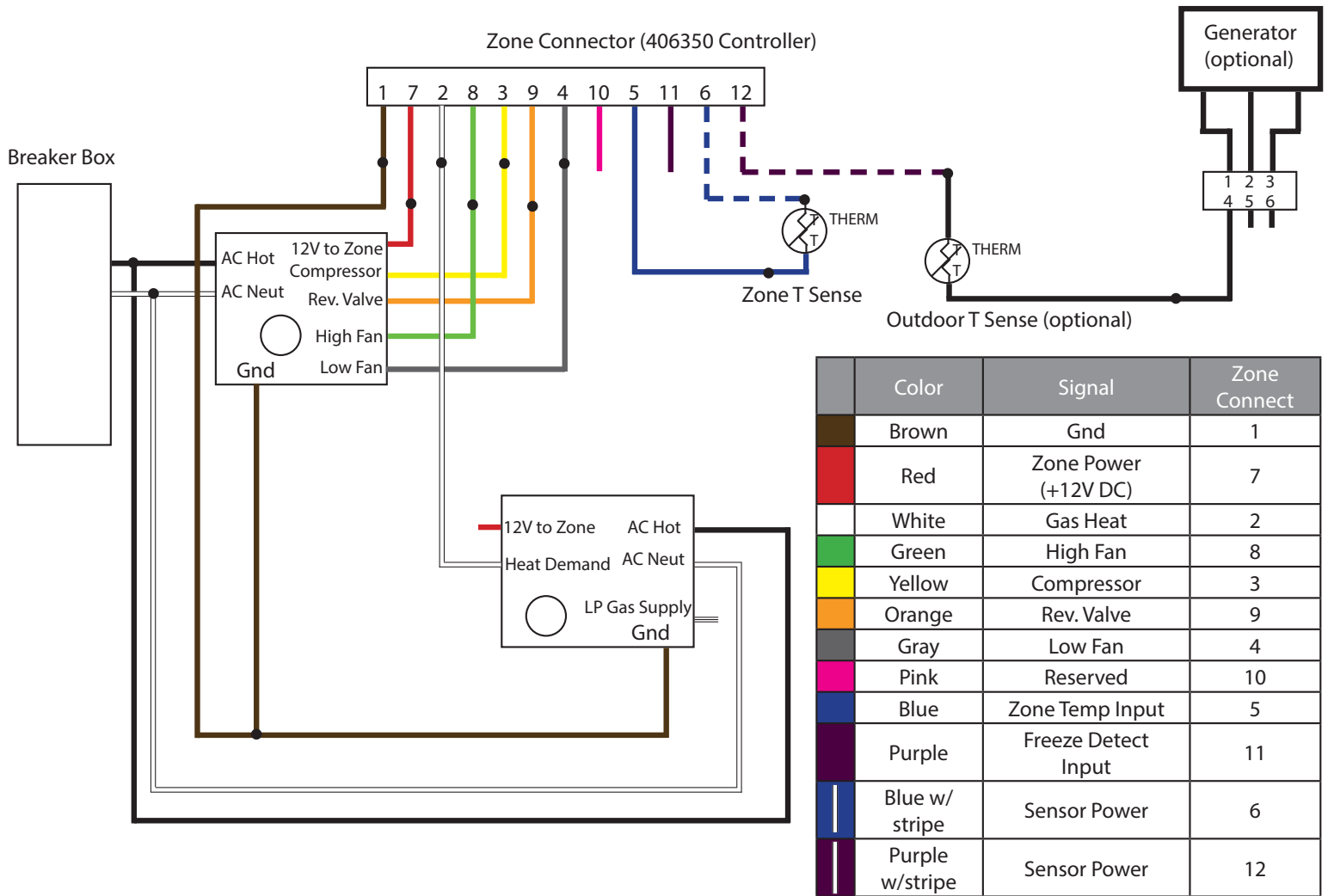


Fig. 10

OneControl® HVAC Zone Wiring Diagram Furnace, AC, Heatpump, Dual-speed Fan



Notes

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