



VENMAR®

Operation Guide

Venmar Lite-Touch™ Constructo Wall Control

The **Venmar Lite-Touch™ Wall Control** is a new upgraded master wall control that offers the "intermittent ventilation" mode...plus the standard ventilation options of low speed or high speed continuous operation. The new "intermittent" option offers the homeowner more control of their system. Select the Intermittent mode when you are away from the house for a few days, or if you decide the inside air is too dry in the heating season, or too humid during the cooling season. In this mode, the unit is OFF for 40 minutes per hour and ventilates at minimum speed the remaining 20 minutes of the hour.

The Lite-Touch™ Control installs into a single gang electrical box and requires a color coded, 22 gauge, 3 wire rough-in from the control to the wiring terminal block on the Venmar unit.

Ventilation Modes

Press "**PUSH**" Button until desired color ventilation mode displays in the power light indicator.

- Select "HIGH"-Red (maximum speed) for removal of excess pollutants and humidity (odors, smoke, etc.)
- Select "LOW"-Yellow (minimum speed) for normal daily operation (24 hours a day all year round).
- Select "INTERMITTENT"-(Green) when you are away from your home for a few days or when you feel the inside air is too dry. In the heating season, or too humid during the cooling season. In this mode, the unit is OFF for 40 minutes per hour and ventilates at minimum speed the remaining 20 minutes of the hour. **To turn the unit off**, press the "**PUSH**" Button until the power indicator light is turned off. Optional controls will still be active until power button light is off.

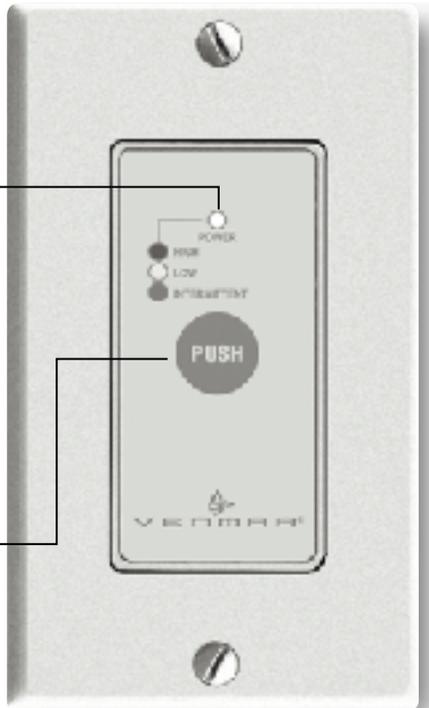
POWER INDICATOR,
Colored light indicates which ventilation mode the unit is operating (Red, Yellow, Green)

MAX - HIGH SPEED,
Power Indicator Lights (Red)
Continuous Operation

MIN - LOW SPEED,
Power Indicator Lights (Yellow)
Continuous Operation

INTERMITTENT,
Power Indicator Lights (Green)
40 Min. OFF, 20 Min. Low Speed

PUSH BUTTON
to select ventilation mode



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Please Note

- Never install more than one Lite-Touch™ Constructo wall control per unit.
- The Lite-Touch™ Constructo wall control will only operate on the Heat Recovery Ventilator Constructo 1.5 (#1601602) and Constructo 2.0 (#1601612) models, both of them equipped with #03341 main electronic board.
- The toggle switch located on the side of the unit must be set to the "REMOTE" position to ensure proper wall control operation.
- The Lite-Touch™ Constructo wall control does not replace the optional 20 Min. Remote Lighted Push Button.
- If an older Venmar Constructo unit has a 03341 electronic board you may retrofit the board by removing G from the JU1 position than add the Lite-Touch™ Constructo wall control.
Note: If the system already has the Constructo wall control remove and replace with the Lite-Touch™ Constructo wall control.
The Lite-Touch™ Constructo wall control requires 3 wires versus 2 wires for the Constructo wall control.
- To ensure proper operation, the jumpers located on #03341 electronic board in the HRV unit. REMOVE JUMPER JU1G IF APPLICABLE.



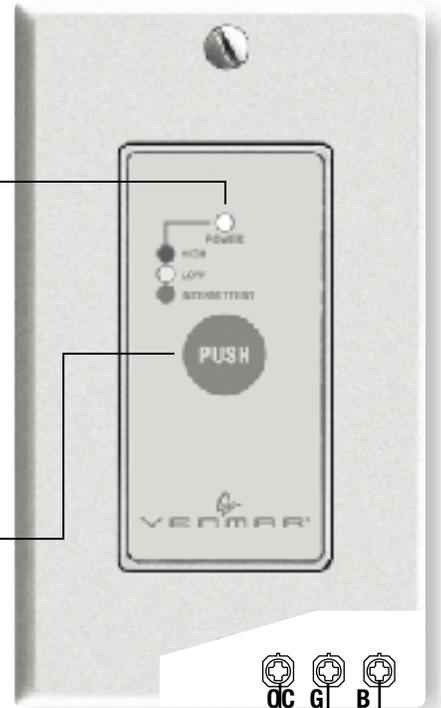
POWER INDICATOR,
Colored light indicates which ventilation mode the unit is operating (Red, Yellow, Green)

MAX - HIGH SPEED,
Power Indicator Lights (Red)
Continuous Operation

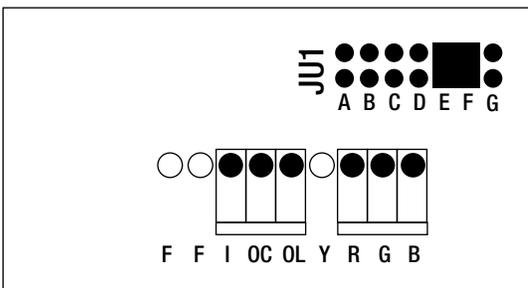
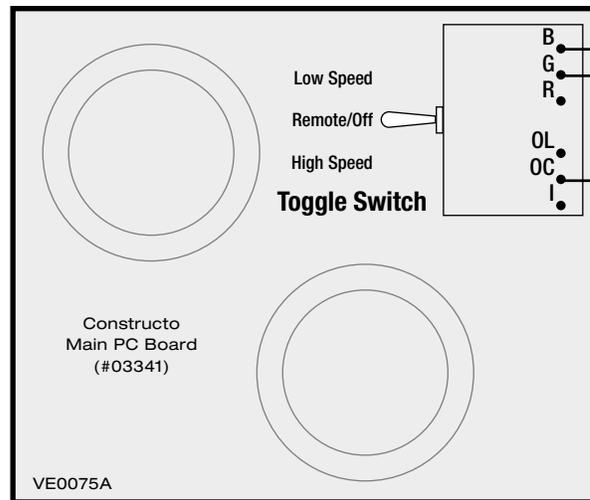
MIN - LOW SPEED,
Power Indicator Lights (Yellow)
Continuous Operation

INTERMITTENT,
Power Indicator Lights (Green)
40 Min. OFF, 20 Min. Low Speed

PUSH BUTTON
to select ventilation mode



Typical Wiring Schematic side view of Constructo 1.5 or 2.0



Constructo Main PC Board (Part#03341)

Contact Info



Shelter Supply, Inc. 952-516-3400
www.sheltersupply.com