

# Quick Start Guide

MODEL ERVi



This quick start document is intended to help with getting the initial unit startup completed, but does not replace the IOM. Please read the IOM for all safety information and precautions before performing any work on the equipment. Complete pre-start checks and blower start-up prior to this procedure.

## ERVi Start Up

1. Verify the unit is free of any items or debris
2. Verify the fan wheels and energy recovery wheel rotate freely.
3. Verify that the incoming power matches the unit electrical label.
4. Verify wiring connections are secure by performing a “tug test”.
5. Create a contact closure between terminals R and G. NOTE: This MUST be a DRY contact only. Applying Voltage to Terminal G will result in damage to controller
6. Energize the unit at the disconnect.
7. Verify fan rotation. See **Figure 1**.
8. Verify energy wheel rotation if applicable. See **Figure 2**.
9. Press the program key  to access main menu.
10. Select unit enable by pressing enter .
11. Select Enable/Disable by pressing enter  and using up/down   arrows to toggle.
12. Use Control Variables menu to adjust fan speed, temperature and economizer settings. (Full explanation of controller available in the IOM)

## Fan speed adjustments

1. Press program key  to access main menu.
2. Scroll to Ctrl Variables, press enter .
3. Select fan control. Choose either supply/exhaust fan for settings.

**Figure 1:**  
Supply/Exhaust Fan Rotation



**Figure 2:**  
Energy Wheel Rotation



**Figure 3: Keypad Description**

	Alarm	Button will blink red, indicating an alarm condition. Press to review current alarms. To review previous alarms, access the Alarm Menu.
	Down Arrow	The arrow keys allow the user to scroll through different screens and adjust parameters.
	Up Arrow	
	Enter	A. In screens with adjustable parameters, pressing the Enter key moves the cursor from the upper left corner of the screen to the parameter. The arrow keys can then be used to adjust the parameter. B. To move to the next parameter on the same screen, press the Enter button. C. To save the change, press the Enter button until the cursor moves back to the upper left corner of the screen.
	Escape	Allows the user to exit the current menu, jumping to the Main Menu.
	Program	Pressing the Prg (Program) button allows the user to enter the Main Program Menu.