GREENHECK
Building Value in Air.

Installation, Operation and Maintenance Manual.

Direct Gas-Fired Start-Up Video

Document 485929
120 Honeywell Pilot Mirco Quick Start Guide
Technical Support: 1-800-240-0870
(press 1 for service)

Direct Gas Make-Up Air Quick Start Guide - 120 Honeywell Pilot with Micro

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.

Pre-Start Information: Locate wiring diagram on the inside of control center door *(field-wired connections are indicated by dashed lines on diagram)*:

1. **Enable the unit**
   a. Connect terminals R to G on unit terminal strip.
   b. On initial power up, navigate to UNIT ENABLE and set the unit to ENABLED.
   c. Verify blower rotation is correct. To reverse the rotation on three phase units, disconnect and lock out power, then interchange any two power leads going to the motor.

2. **Determine Unit Airflow Configuration -Constant volume (CV), Variable Volume (VAV), Recirculating (RECIRC) Scan IOM QR code on document for further explanation of airflow configurations, if needed.**
   a. Navigate to the CTRL VARIABLES > ADVANCED> LOGIN and enter password 1000. After pressing enter, this will return you to the Advanced menu.
   b. Scroll down to the MANUAL OVERRIDES and press enter. Check enable overrides box. Scroll down to supply fan and change to manual 100%, press enter.
   c. Check motor amp draw and compare to motor nameplate FLA – reduce fan speed if amp draw is greater than FLA.

3. **Airflow and Burner Setup**
   a. Press bullseye on Carel Microprocessor and navigate down to commissioning, press enter.
   b. Enter password of 1000
   c. Follow the instructions shown on the self guided commissioning menu screens to complete setup. Begin Commissioning process with Burner Airflow Setup.

4. **Cycle unit power off and back on to remove any overrides.**

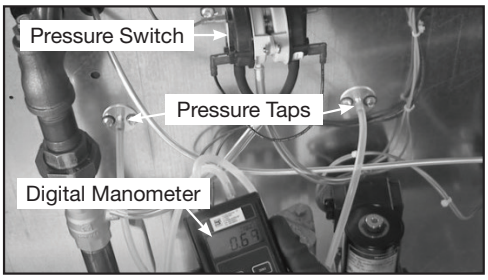

Fig. 1
Measuring the Pressure Drop

Pressure Differential		
	NG	LP
Constant Volume	.6 - .7	.8 - .9
Variable Volume	.5 - .8	.7- 1.0
Recirculation	.5 - .8	.7 - 1.0

Fig. 2
(Values shown as in. wg)

Fig. 3
Honeywill Ignition Control

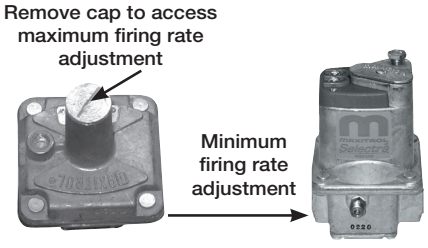

Fig. 4
Separate Regulator & Modulating Valves

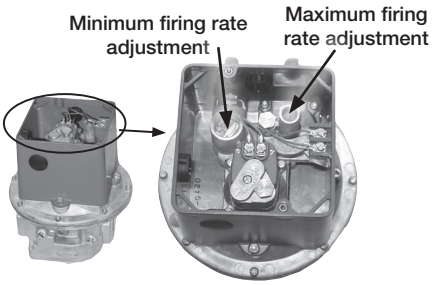

Fig. 5
Combined Modulating Regulator