CCI "Standard Control"

Location & Function -

Located on the lower right side of the freestanding stove and on the right side panel on the insert/built-in models.

The function of the following individual components are explained in other places in this service manual.
Control contains:

- Push Start Button
- Variable Fan Speed Control
- Illuminated On/Off Switch
- Feed Control Module
- 30 minute Timer Block
- 3 second Timer Block
- Phase Control Block
- Control Board Wire Harness

Held in place utilizing 2 x1/4" hex screws

Comes with one female 6 pin connector

Product Code	Mfg.	Part #	Name
ACSSBCAS	CCI / INFITEC		Standard Control for freestanding

Used on Models

Used in FGB Glow Boy Freestandings and limited FPP Pelpro Freestanding and Shop & Home Heaters

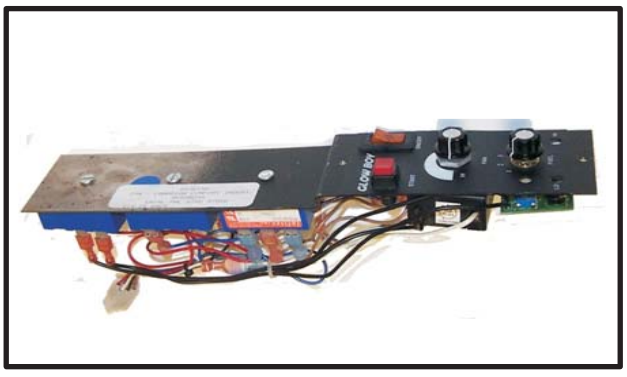
Production Life

Used from 2002 to 2003 production years

Thermostat Option

There is NO thermostat option available.
This is a MANUAL operated board only.

Product Code	Mfg.	Part #	Name
ACISBCAS	CCI / INFITEC		Standard Control for Inserts



Used on Models

Used in IGB Glow Boy Inserts/Built-ins and limited IPP Pelpro Inserts/Built-ins

Production Life

Used from 2002 to 2003 production years

Thermostat Option

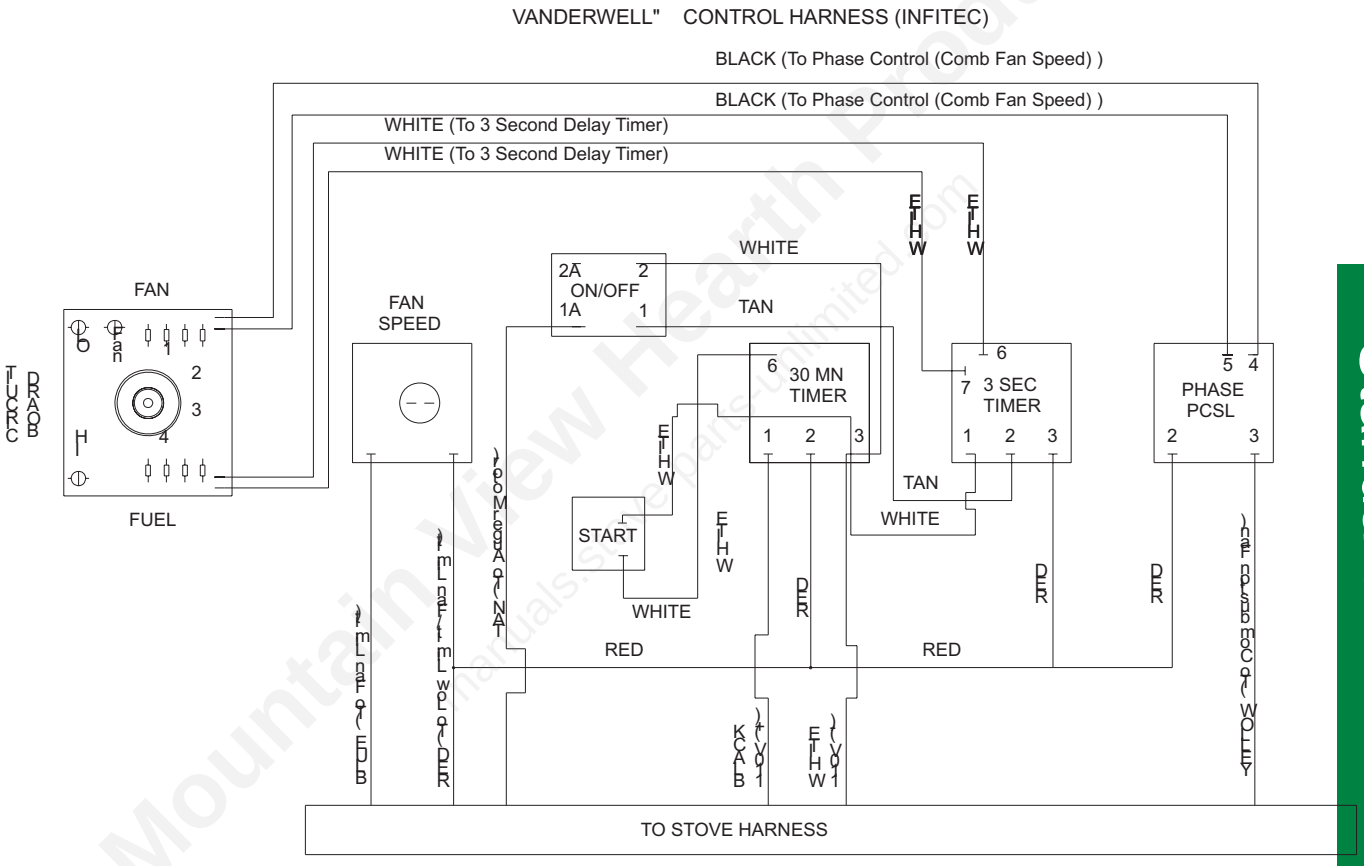
There is NO thermostat option available.
This is a MANUAL operated board only.

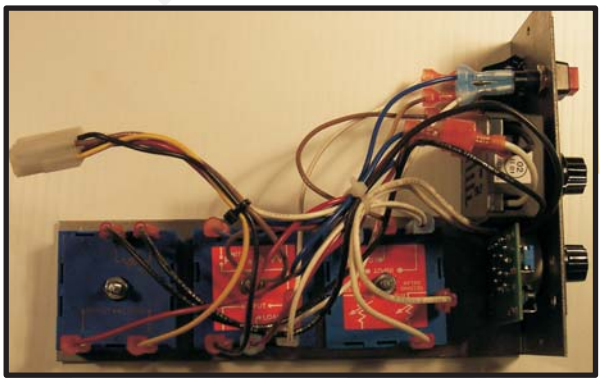
Standard Control

CCI Standard Control

Control Board Wire Harness

Product Code	Mfg.	Part #	Name
ACWHCPS	Infitec		Standard Control for freestanding

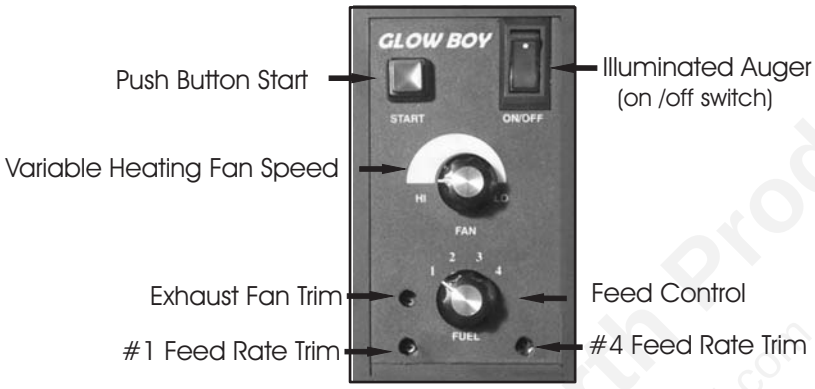




Standard Control

CCI Standard Control

Control Board Operation



Push Button Start

The Start button allows electricity to flow to the stove's electrical components for 30 minutes. If after 30 mins. Your stove has reached operating temperature, it will continue to operate. If the fire does not light and/or burn properly, the electricity to the appliance will be shut off at the end of 30 minutes.
If the appliance is equipped with the optional igniter, the start button also activates the igniter.

Illuminated Auger Switch

The Auger Switch is used to turn the Auger feed "On" or "Off". When the ON/OFF switch is pushed to the "On" position, top of the switch with the white dot on it, pushed toward the control board, the auger feed is activated. The auger switch will glow red when the auger is not feeding, and will stop glowing for the 3 seconds when the auger is turning. This also is used to assist in confirming and adjusting of the fuel settings. The longer the light is on the LOWER the feed setting and visa versa.

To turn "Off" the appliance push the lower portion of the switch toward the control panel. This turns off the auger feed and activates the cool down cycle of the appliance before it automatically shuts off.

NOTE: The illuminated Auger switch is NOT used to show actual movement of the auger motor. It is a signal sender only.

Fan Speed (Convection Fan or Heating Fan)

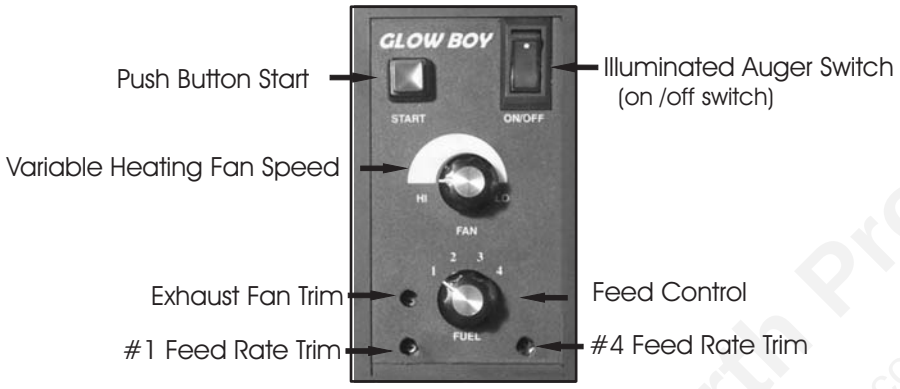
The Fan switch controls the speed of the room air fan. This fan blows room air through the heat exchange tubes and back into the room. The fan can be turned off by turning the knob counter clockwise until it "Clicks" off. As the knob is turned clockwise the speed of the convection fan will slow down. The Fan speed is also controlled by the Fan Limit Switch which will turn the fan on High speed when the appliance reaches a temperature of approx. 150deg F. The fan is used to cool the appliance, the electrical components, and the hopper. Once cooled the fan will resume the setting of the fan speed control.

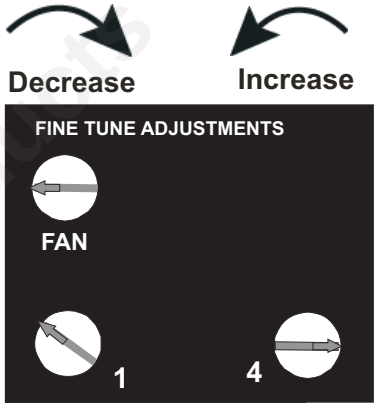
Fuel Setting

The Fuel feed rate and the combustion air settings are both controlled by the Fuel Switch. The Fuel Switch works in a synchronized manner, adjusting both the feed rate and the speed of the combustion fan at the same time, to ensure the proper fuel to air ratio, which is critical to a clean and efficient burn. Setting #1 will use approximately 1.5 to 2.5 lbs., #2 will use 2.5 to 3 lbs., #3 will use 3.5 to 4lbs.,and #4 will use 4 to 5 lbs.

CCI Standard Control

Control Board Operation





Note: Because the trims are located 1/4" behind the metal face plate, it is recommended to use a small plastic precision screwdriver, or if using a metal screwdriver wrap a peice of tape around the shaft to protect the board from shorting out.
The trim pots DO NOT make a full rotation
Be GENTLE when making adjustments as the plastic trim slot can be damaged or stripped.

Trims (Fine Tune Adjustments)- Factory Settings

The Combustion Fan (Fan), #4 (HI) and #1 (LOW) Feed Rate trim pots have been preset at the factory, but may need to be adjusted onsite after the installation is complete. Due to different installation setups, length and size of venting, elevation, and pellet fuel quality, the presets from the factory will not always be correct. These settings will accommodate virtually all wood pellet fuels as well as a wood pellet/shelled corn mix.

Combustion Fan Speed (Fan)

In a few instances because of prevailing conditions pertinent to your specific installation, or even different batches of pellet fuel, the fan may be adjusted to raise or lower the amount of air moving through the burn grate for the cleanest burn. The Fan speed can be adjusted by adjusting the fan trim Counter Clockwise to INCREASE the speed and Clockwise to DECREASE the speed.

Fuel Feeds

The lowest (#1) and the highest (#4) settings can be adjusted by small adjustments to the fine tune trims located on the bottom row of the control panel. To raise the fuel feed turn the trim pot COUNTER CLOCKWISE and to lower turn CLOCKWISE. To assist in knowing if a change has been made, you should note the length of time the light on the Auger Switch stays ON. (Note: the light stays off whenever the Auger Motor & Auger Cycle, is running). Lengthening the time the illuminated Auger Switch stays ON, lowers the fuel feed and shortening the on-time increases the fuel feed.