

EFCN/P eFIRE CONTROL KIT INSTALLATION INSTRUCTIONS

! WARNING

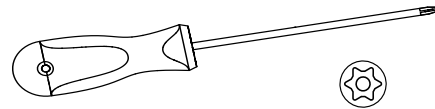
DO NOT TOUCH SAFETY SCREEN UNTIL COOLED.

ALLOW SAFETY SCREEN TO COOL COMPLETELY BEFORE ANY MAINTENANCE, AS IT WILL REMAIN HOT AFTER APPLIANCE IS NO LONGER OPERATING.

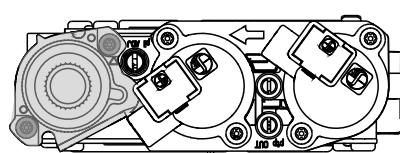
ENSURE THE APPLIANCE IS COMPLETELY COOL PRIOR TO STARTING INSTALLATION.

TO AVOID DANGER OF SUFFOCATION KEEP THE PACKAGING BAG AWAY FROM BABIES, CHILDREN OR OTHER AT RISK INDIVIDUALS. DO NOT USE IN CRIBS, BEDS, CARRIAGES OR PLAY PENS. THIS BAG IS NOT A TOY. KNOT BEFORE THROWING AWAY.

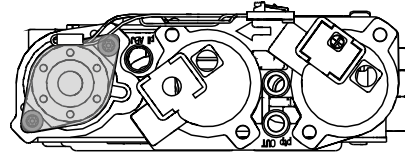
YOU WILL NEED:



1. Download the eFire Controller app, see the “eFIRE CONTROLLER APPLICATION” leaflet.
2. Turn off gas and disconnect power supply to appliance.
3. Remove the safety screen or optional front from the appliance, see “SAFETY SCREEN AND DOOR REMOVAL / INSTALLATION” section in manual.
4. Disconnect all wires (**DO NOT DISCARD**; Keep wires for new installation) from the control board and discard the control board, a new control board is supplied with this kit and must be installed.
5. If a blower has not yet been installed, ensure to install this option before proceeding through these instructions. (One of the wire clips, supplied with this kit must be installed onto the bottom of the appliance, near the blower, if installed, to ensure the black/ purple wires are kept away from the blower to avoid any damages).
6. Remove the two screws securing the regulator to the valve and discard. Replace with the stepper motor and secure in place using the two screws supplied, follow the instructions supplied with the stepper motor, refer to Figure 1.



REGULATOR



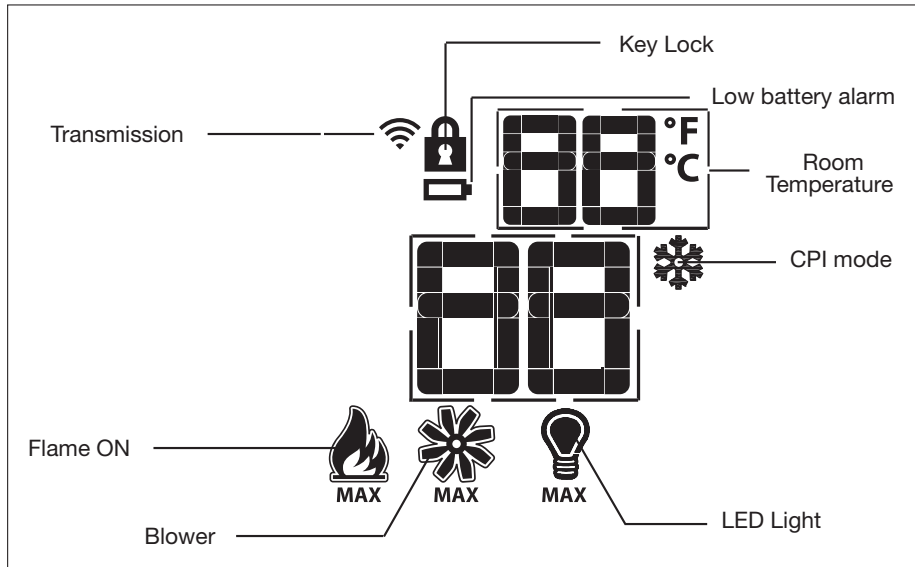
STEPPER MOTOR

FIG.1

7. Install the wires and controls as follows; ensure to handle the fragile wire connections with extreme caution, refer to the wiring diagram on the next page for detailed images of all wiring components.
8. Place the control board in a safe and secure location with the reset program button towards the front of the appliance, secure in place using the velcro strip supplied.
9. Reconnect the red wires from the pilot assembly to the new control board, connectors are sized to only fit properly one way; do not force into place.
10. Connect the (X4 CONNECTOR) ON/OFF switch to the new control board.
11. Reconnect the wire harness of the battery back-up and valve to the new control board. Ensure the yellow, green and red wires are connected to the valve and did not come loose during installation. Connect the anti condensation switch (ACS) blue/white wires.
12. Connect the wire harness from the stepper motor to the new control board, refer to the illustration on following page.
13. Connect the black/white wires from Bluetooth module (supplied) to the control board, refer to the illustration on the following page.
14. If the optional blower is installed, connect the blower/light pig tail to the control board, using the blower power cord, plug in the blower into the pig tail.
15. Ensure all wires have been clipped into the wire clips supplied to avoid any damages to the wires.
16. Ensure the power cord is properly connected to the new control board and then plugged into the electrical box in the appliance.
17. Reconnect the power supply to the appliance.
18. Turn on the gas and reinstall the door and safety screen, see “SAFETY SCREEN AND DOOR REMOVAL / INSTALLATION” section in manual.
19. Refer to the initializing transmitter (hand held remote control) for setting up communications between the transmitter and receiver.
20. Test the Bluetooth control, lights and blower (if equipped), see the “eFire Controller Application” leaflet.

NOTE : Depending on the appliance features, the colour wheel function may not be operable with this kit.

GENERAL TRANSMITTER LAYOUT



INITIALIZING THE TRANSMITTER FOR THE FIRST TIME

- Power the receiver.
- Press the reset button to begin the programming process.
- The receiver will BEEP 3 times to indicate that it is ready to synchronize with a transmitter.
- Install the 3 AAA batteries into the transmitter battery bay, located on the base of the transmitter, then press the “ON” button. The receiver will BEEP 4 times to indicate the transmitter’s command is accepted and sets to the particular code of that transmitter. The system is now initialized.

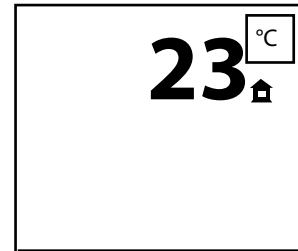
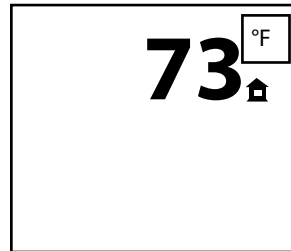


TRANSMITTER
(HAND HELD REMOTE)

NOTE: THE INITIALIZING PROCESS MUST BE COMPLETED WITHIN 10 SECONDS OF PRESSING THE RESET/PROGRAMMING BUTTON.

TEMPERATURE DISPLAY

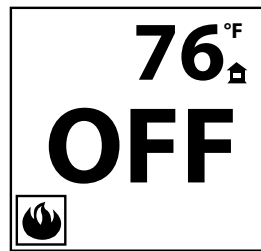
- With the system in the “OFF” position, press the Temperature Key and the Mode Key at the same time to change from degrees F to C.
- Look at the LCD screen on the Transmitter to verify that a C or F is visible to the right of the Room Temperature display.



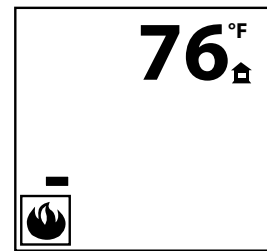
35.5A

FLAME HEIGHT

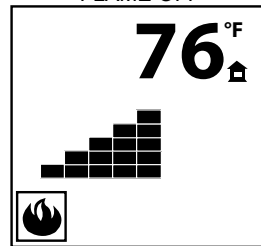
The remote control has six (6) flame levels. With the system on and the flame level at the maximum, press the Down Arrow Key once and it will reduce the flame height by one step until the flame is turned off. The Up Arrow Key will increase the flame height each time it is pressed. If the Up Arrow Key is pressed while the system is on but the flame is off, the flame will come on the high position. A single “beep” will confirm reception of the command.



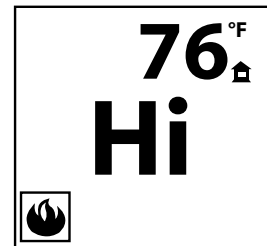
FLAME OFF



FLAME AT LEVEL 1



FLAME AT LEVEL 5



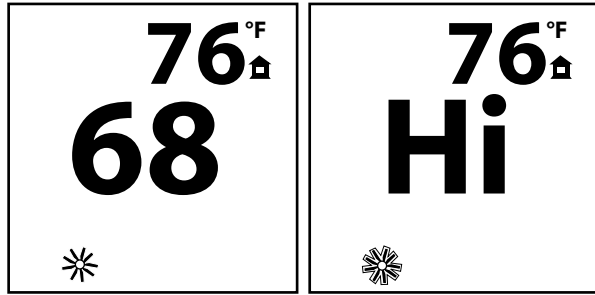
FLAME AT “HI” LEVEL 6

35.8A

BLOWER SPEED (IF EQUIPPED)

If the appliance is equipped with a hot air circulating fan, the speed of the fan can be controlled by the remote system. The fan speed can be adjusted through six speeds.

- A. Use the Mode key to guide you to the fan control icon.
- B. Use the Up/Down Arrow keys to turn ON/OFF or adjust the fan speed. A single “beep” will confirm reception of the command.



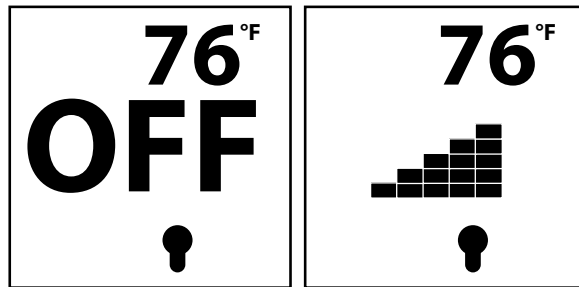
NOTE: When the desired blower speed is selected, the blower will automatically come on 5 minutes after the main burner has been turned on and remain on twelve minutes after it has been turned off.

35.9B

NIGHT LIGHT DIMMER CONTROL

The auxiliary function controls the Night Light™ with dimmable control.

- A. Use the Mode Key to guide you to the Night Light icon.
- B. The intensity of the output can be adjusted through 6 levels. Use the UP/DOWN arrow keys to adjust the output level. A single beep will confirm reception of the command.

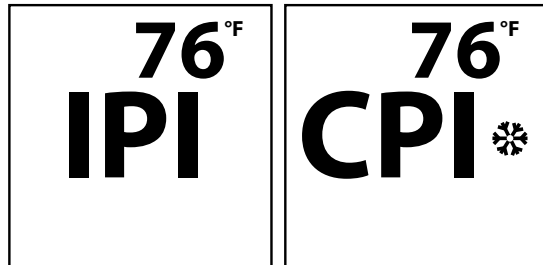


35.21

CONTINUOUS PILOT / INTERMITTENT PILOT (CPI / IPI) SELECTION

- A. Use the Mode Key to guide you to the CPI mode icon. Transmitter in the OFF position.
- B. Press the UP/DOWN to switch between IPI and CPI modes. A single BEEP will confirm reception of the command.

NOTE: If the system is equipped with a CPI/IPI toggle switch, set the CPI/IPI to CPI position to enable remote CPI operation. If the switch is set to IPI then it will only work in IPI regardless of what is set on the remote control handset.



35.22

KEY LOCK

This function will lock the keys to avoid unsupervised operation.

- A. Press the MODE and UP keys at the same time.
- B. To de-activate this function, press the MODE and UP keys at the same time.

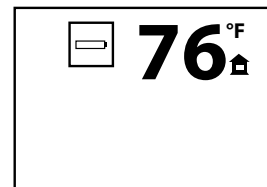


35.10A

LOW BATTERY / MANUAL BYPASS

The life span of the remote batteries depends on various factors: quality of the batteries, the number of ignitions, the number of charges to the room thermostat set point, etc.

When the transmitter batteries are low, a Battery Icon will appear on the LCD display before all battery power is lost. When the batteries are replaced this icon will disappear.



35.24