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SMART-BATT-II Remote Control Kits

- Installation and Operating Instructions -

INTRODUCTION

The remote control system can be operated thermostatically or manually from the transmitter. The system operates on radio frequencies (RF) within a 20 foot range. Can be used with IP! or Standing Pilot systems.

This remote control kit has a hand held transmitter that can be used as a remote on/off or as a thermostat. The transmitter display shows the current room temperature, target temperature, timer setting, on/off status, low battery indicator, current time and burner/valve operation.

If pertinent, see additional fireplace wiring diagrams on the following pages.

INSTALLATION PRECAUTIONS

This remote control kit is tested and safe when installed in accordance with this installation manual. Installation of this kit **MUST** be done by a qualified service technician. It is the responsibility of the installer to read all instructions before starting installation and to follow these instructions carefully during installation. Modification of the remote control system or any of its components will void the warranty and may cause a fire hazard.

CAUTION: All wiring should be done by a qualified electrician and shall be in compliance with local codes and with the National Electric Code ANSI/NFPA No. 70-current (in the United States), or with the current CSA C22.1 Canadian Electric Code (in Canada).

WARNING: DO NOT CONNECT 110-120 VAC WIRING TO THE GAS CONTROL VALVE OF THIS APPLIANCE.

FCC REQUIREMENTS

WARNING: CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Canadian Equipment Requirements

This digital apparatus does not exceed the (Class A/ Class B)* limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques (de la class A/de la class B)* prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

This device complies with RSS-210 of Industry and Science Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

REMOTE RECEIVER

The remote receiver operates on 4 AA-size 1.5V batteries. Alkaline batteries are recommended. New or fully charged batteries are essential for proper operation.

Locating and Installing Receiver

Important: Hearth Technologies recommends that the remote receiver be installed outside the fireplace. If the receiver is placed behind the control access panel, the higher temperatures may cause reduced battery life and possibly cause the fireplace to cycle on and off.

NOTE: When the receiver is installed in a wall switch, it is recommended it be installed in a PLASTIC switch box for optimum performance.

The remote receiver can be either wall-mounted (preferred) in a standard plastic switch box or placed on or near the fireplace hearth.

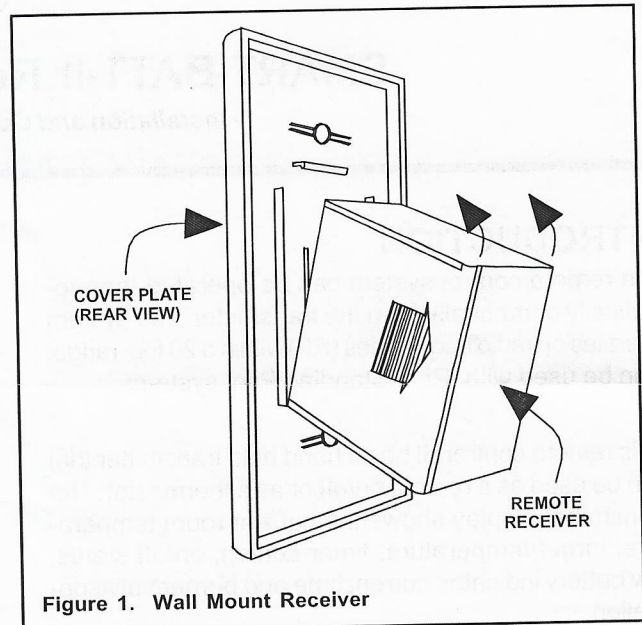


Figure 1. Wall Mount Receiver

WALL MOUNTING

1. Install 4 AA-size 1.5 ALKALINE batteries in the remote receiver. For best performance, remote receiver batteries should be factory fresh when installed.
2. Position the remote receiver as shown in Figure 1 with the lower tab of the cover plate inserted into the groove on the receiver. Pull the receiver up and snap it into the cover plate top tab.

Position the cover plate so the word "ON" is facing up.

3. Install the remote receiver into the plastic switch box using the two long screws provided.

4. Insert switch cover through the cover plate and snap it onto remote receiver slide switch (see Figure 2), **ONLY AFTER** making sure the remote receiver has **LEARNED** the transmitter's security code (see **MATCHING SECURITY CODES**).

NOTE: The switch cover covers both the "ADJ" and "LEARN" holes when properly installed.

NOTE: The remote receiver will only respond to transmitter when the switch cover on the receiver is in the REMOTE position. If the system does not respond to the transmitter, see **MATCHING SECURITY CODES**, and recheck battery position in the remote receiver.

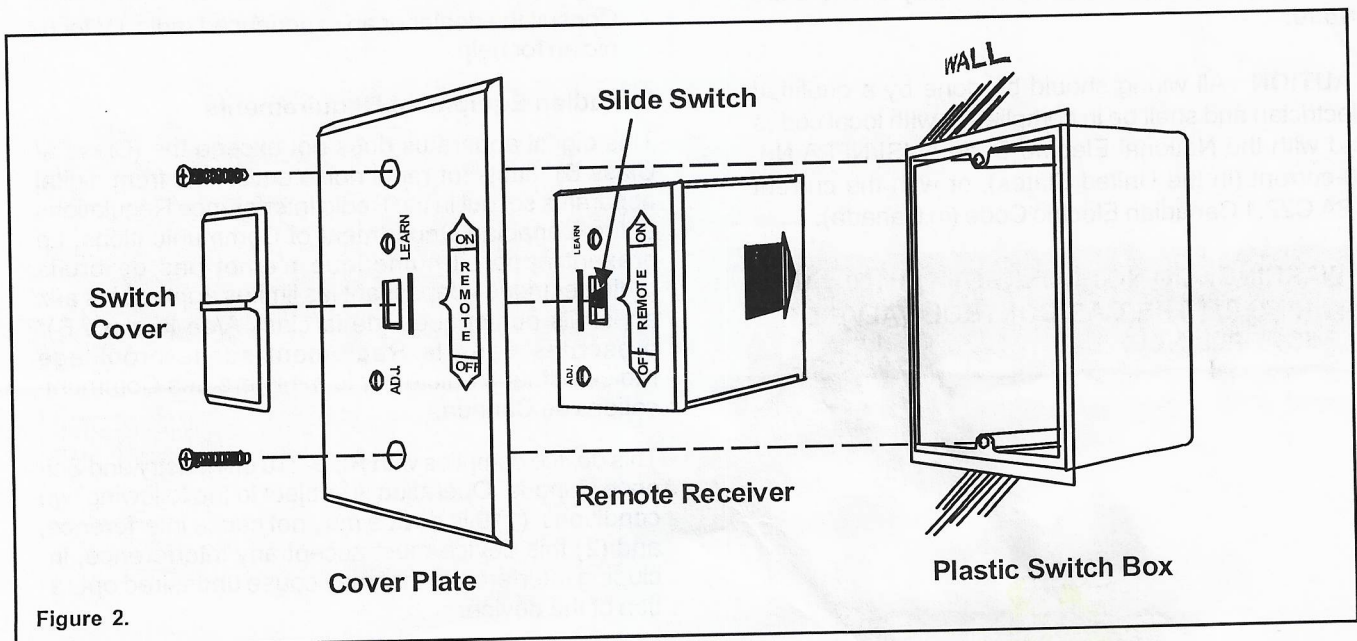


Figure 2.

HEARTH MOUNT

The remote receiver can be placed on the fireplace hearth (see Figure 3), or under the fireplace behind the control access panel. Position it close to the front in the right or left corner where the ambient temperature inside the receiver case does not exceed 120°F.

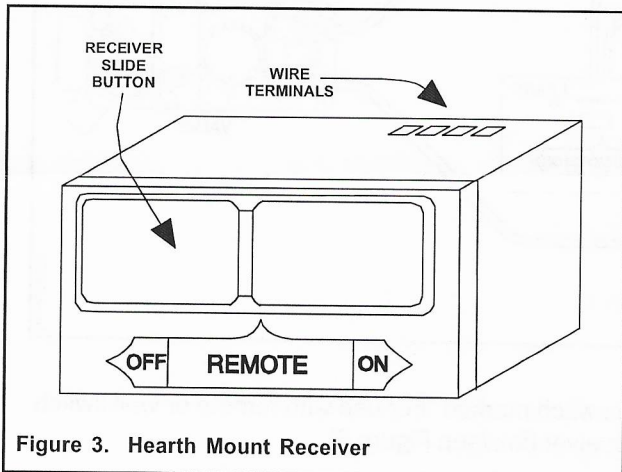


Figure 3. Hearth Mount Receiver

RECEIVER WIRING INSTRUCTIONS

Incorrect wiring connections WILL cause damage to the gas valve or electronic module operating the gas appliance and may also damage the remote receiver.

Make sure the remote receiver switch is in the OFF

position. Use 18 gauge stranded wires for connections between the terminal wiring block on the millivolt gas valve or electronic module and the wire terminals on the remote receiver. For best results, use wire measuring no longer than 20 ft.

Wiring Millivolt Valves

Connect the remote receiver by connecting each of the two wires leading from the TH terminals on the gas valve (see Figure 4) to either of the two wire terminals on the receiver. Normally it does not matter which wires go to which terminal.

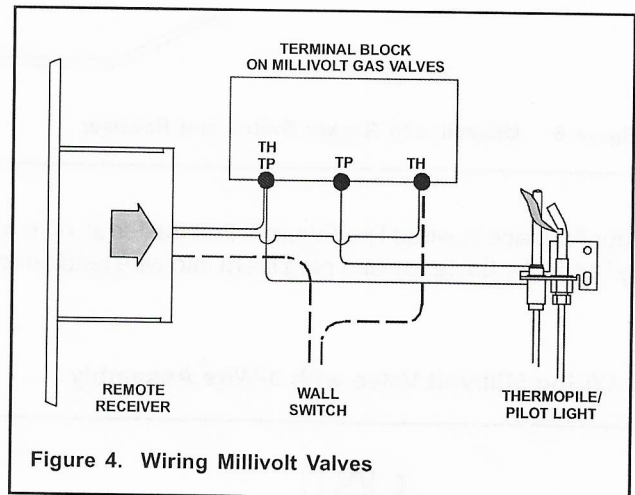


Figure 4. Wiring Millivolt Valves

Alternative Wiring for units with a Wall Switch

A. Wiring Millivolt Valve with Rocker

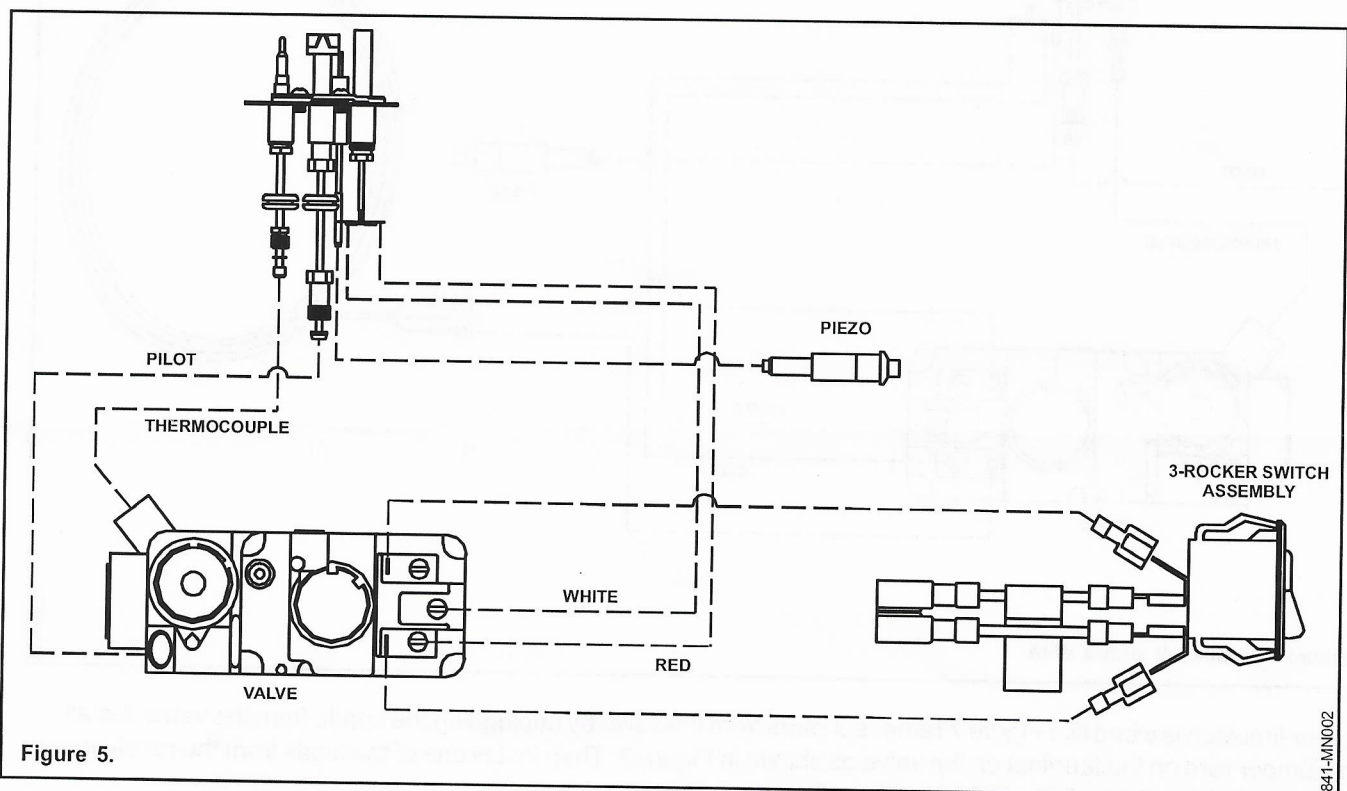
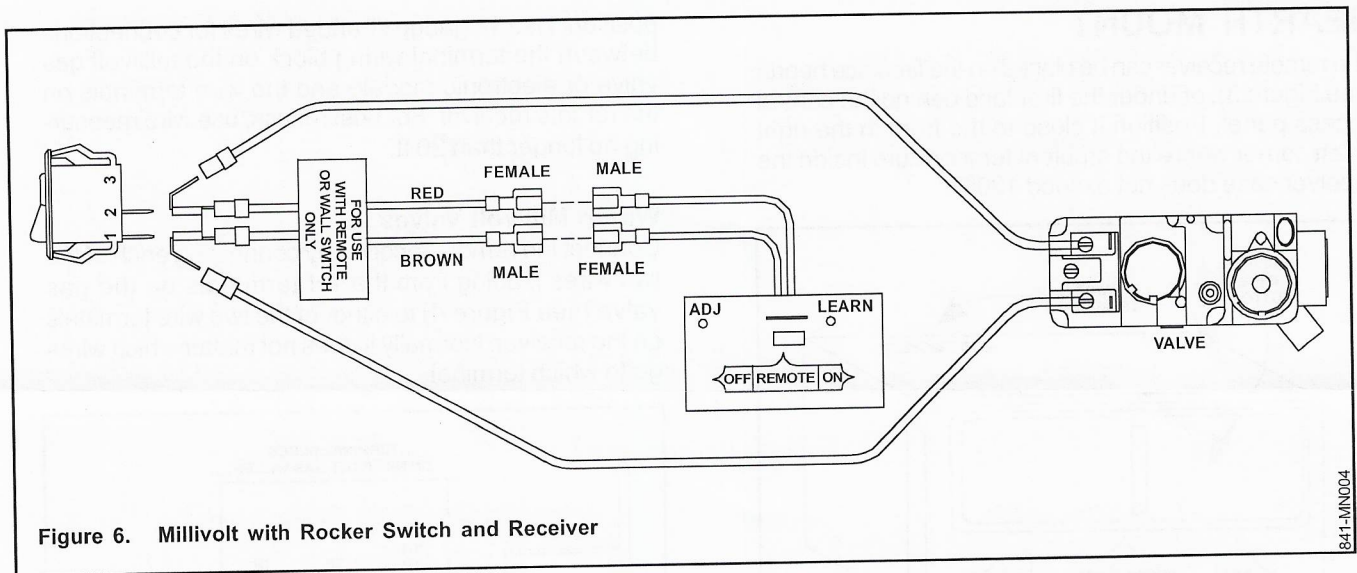


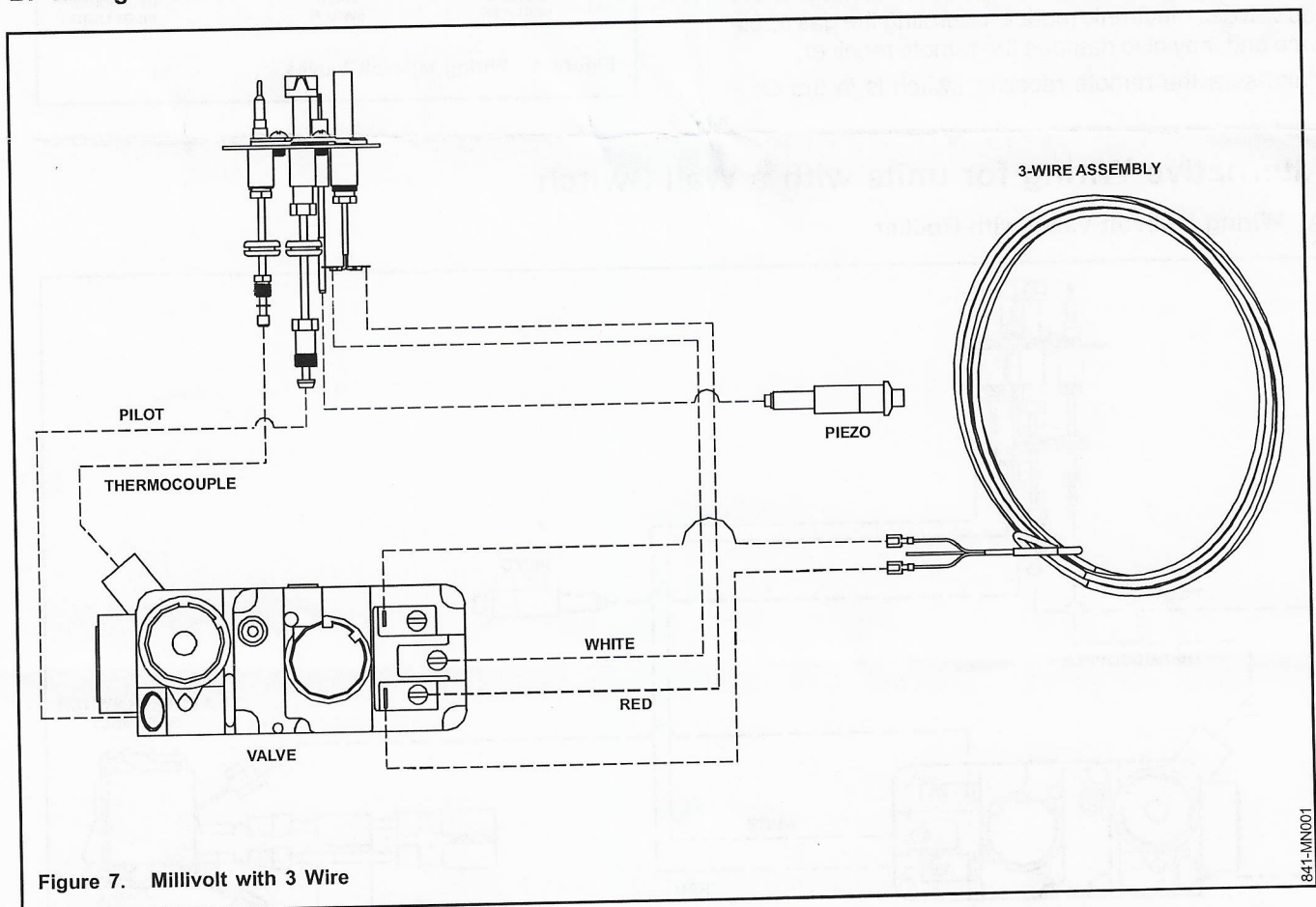
Figure 5.

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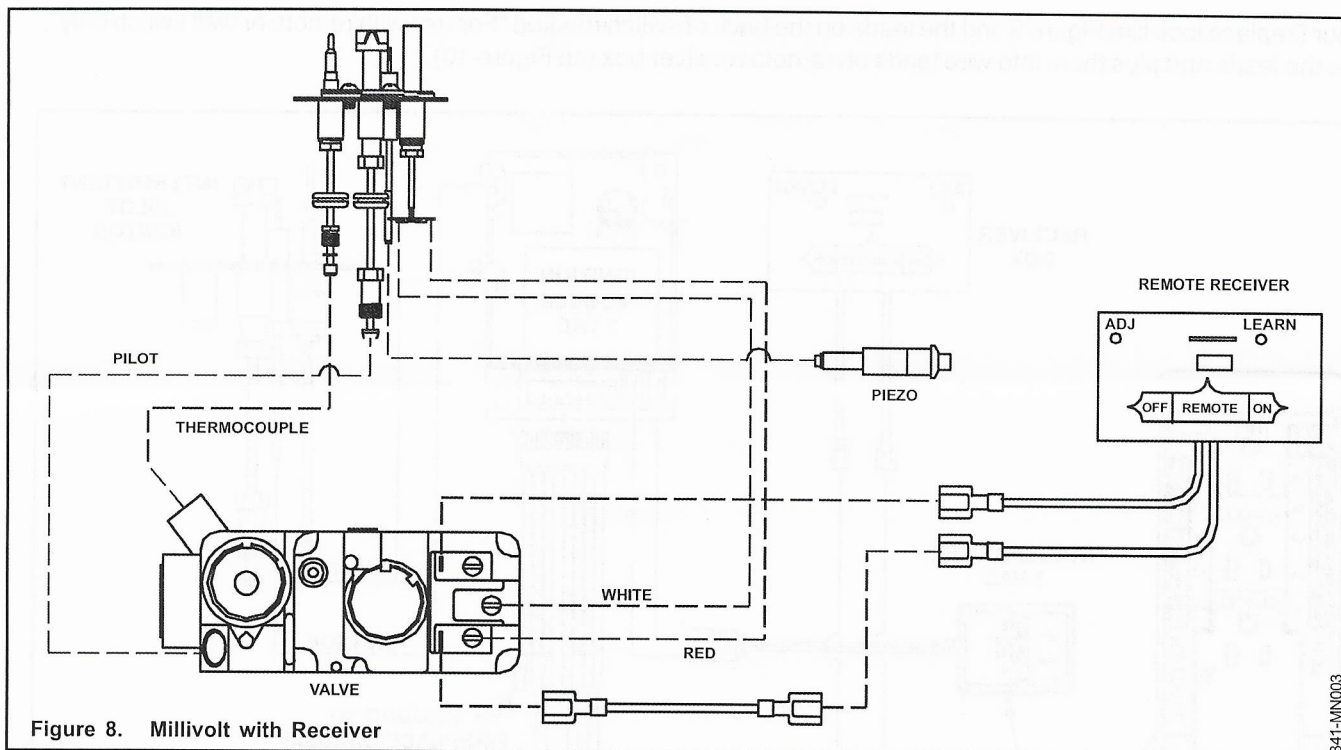


If your fireplace is wired like Figure 5 find the leads on back of the switch marked "For use with remote or wall switch only" and take the leads and plug them into wire lead on remote receiver box (see Figure 6).

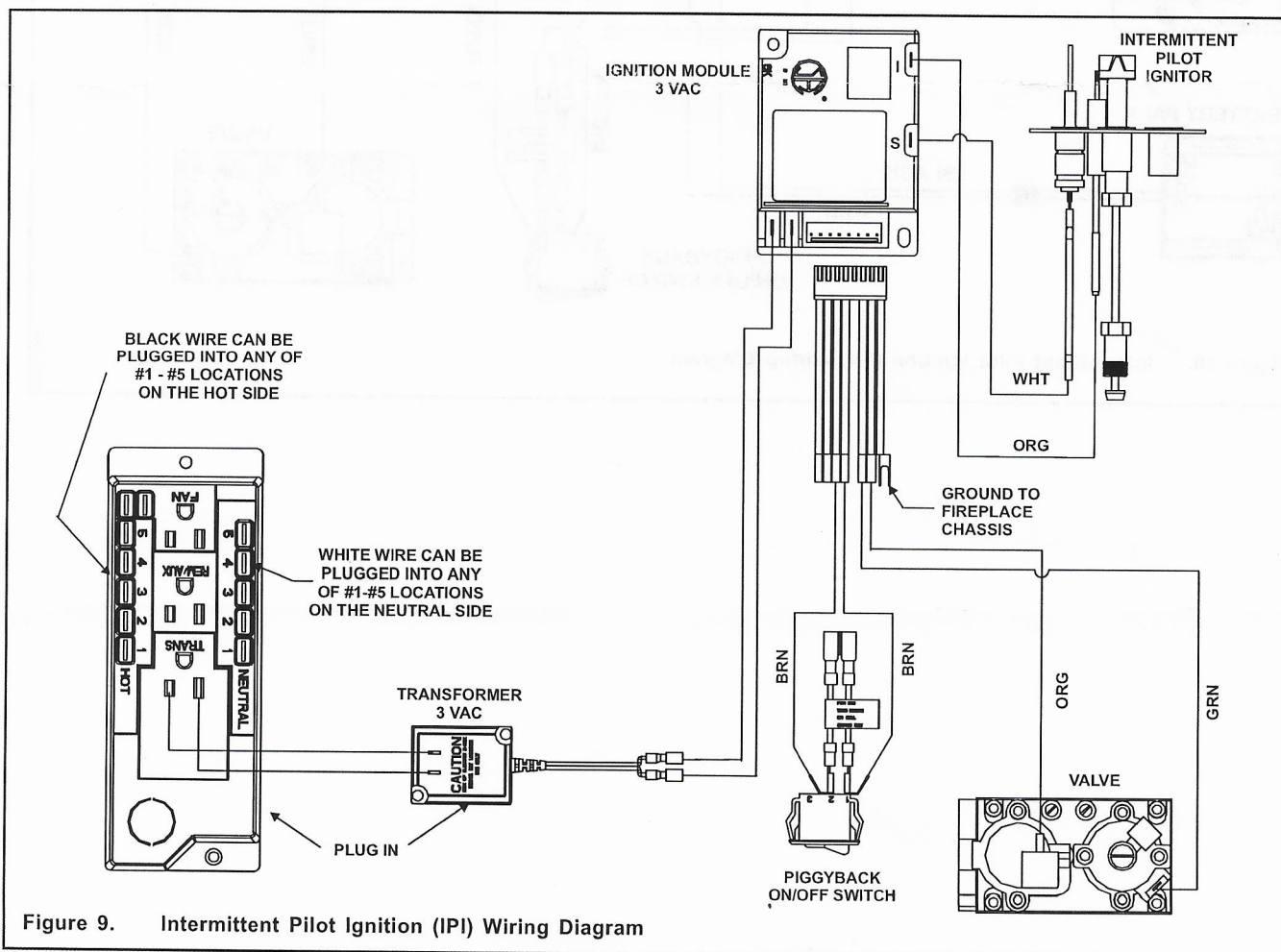
B. Wiring Millivolt Valve with 3-Wire Assembly



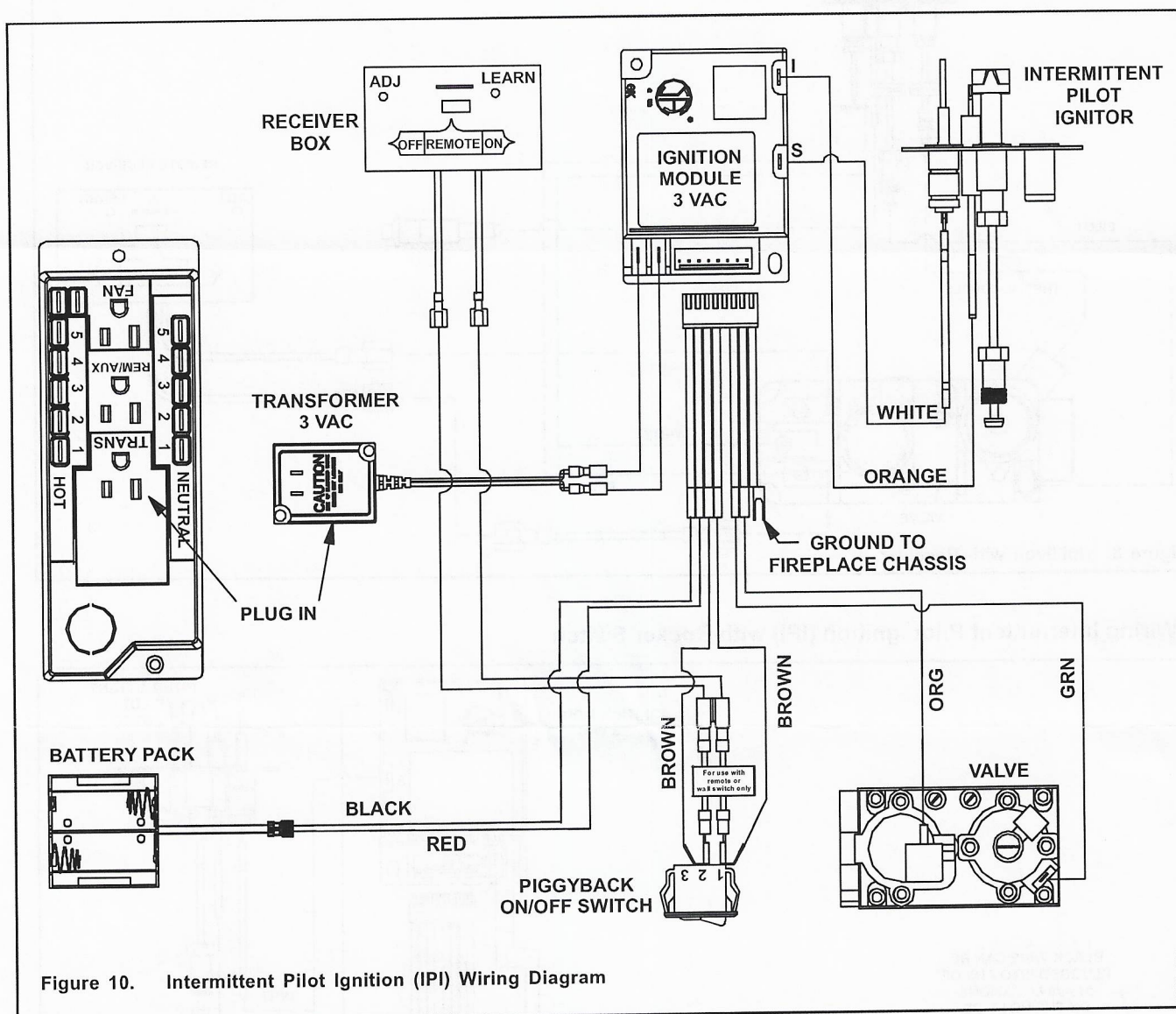
If your fireplace is wired like Figure 7 remove 3 wires from the valve by unplugging the spade from the valve. Install the jumper wire on the terminal on the valve as shown in Figure 8. Then install one of the leads from the receiver onto the valve and the other wire onto the lead from the jumper wire.



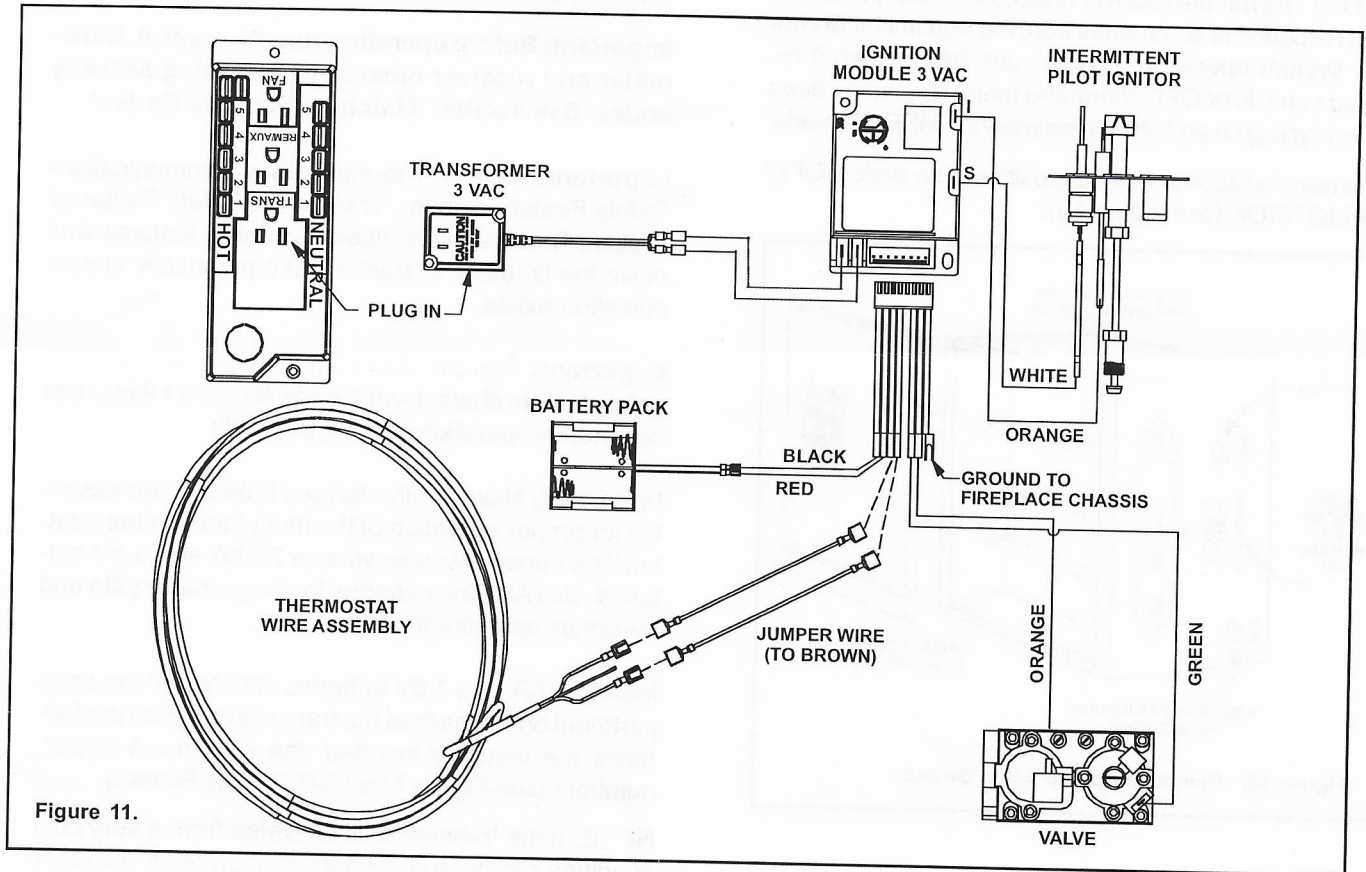
C. Wiring Intermittent Pilot Ignition (IPI) with Rocker Switch



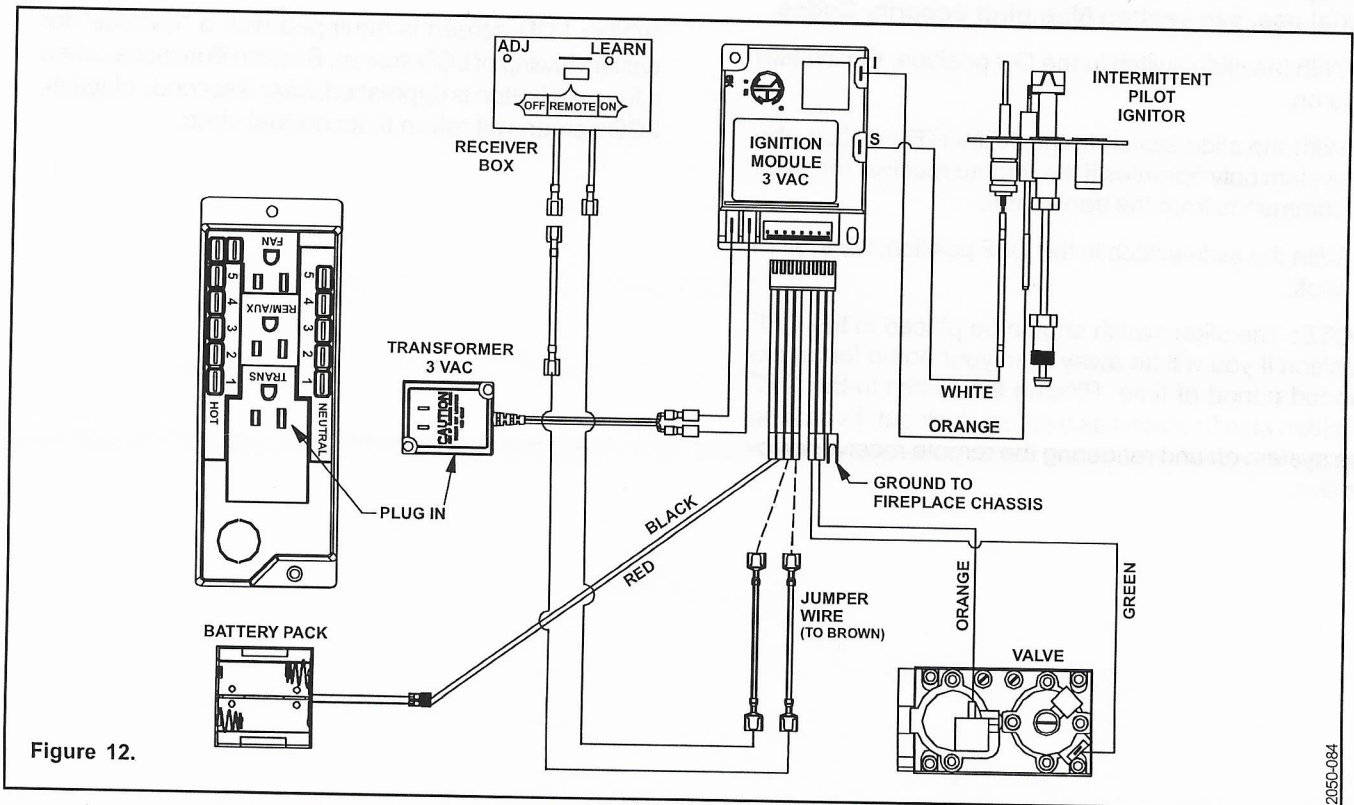
If your fireplace look like Figure 9 find the leads on the back of switch marked "For use with remote or wall switch only". Take the leads and plus them into wire leads on remote receiver box (se Figure 10).



D. Wiring Intermittent Pilot Ignition (IPI) with 3-Wire Assembly



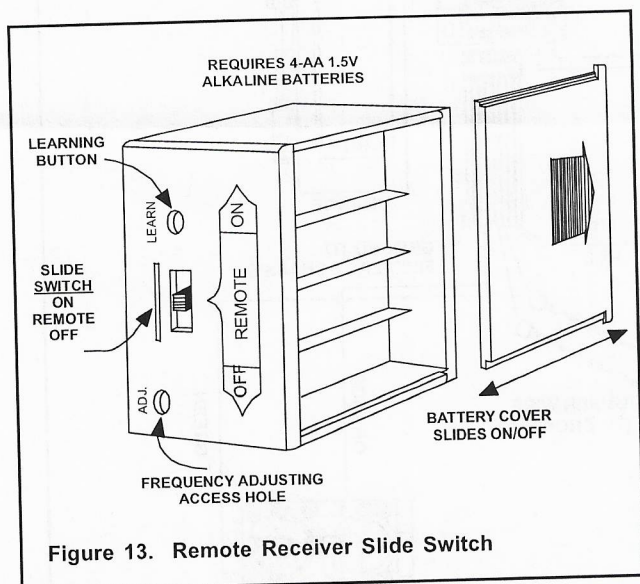
If your fireplace looks like Figure 11 remove the 3-wire off the jumper wire by unplugging the spade from jumper wire. Install the jumper wire on the wire as shown see Figure 12. Then install one of the leads from the remote receiver onto the valve and other wire into the lead on the jumper wire.



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NOTE: The remote receiver houses the microprocessor that responds to commands from the transmitter to control system operation. It emits one beep when it receives an ON or OFF command manually, but no beep when cycling on and off automatically in THERMO mode.

The remote receiver has a 3-position slide switch: OFF/REMOTE/ON (see Figure 13).



NOTE: The remote receiver will only respond to the transmitter when the 3-position slide button on the remote receiver is in the Remote position. If the system does not respond to the transmitter on initial use, see section Matching Security Codes.

1. With the slide switch in the ON position, the system is on.
2. With the slide switch in the REMOTE position, the system only operates if the remote receiver receives commands from the transmitter.
3. With the slide switch in the OFF position, the system is off.

NOTE: The slide switch should be placed in the OFF position if you will be away from your home for an extended period of time. Placing the switch in the OFF position also functions as a safety "lock out" by turning the system off and rendering the remote receiver inoperative.

TRANSMITTER

Important: Before operating remote control, transmitter and receiver must have matching security codes. See section 'Matching Security Codes'.

Important: Review 'Thermo-Safety/Communication-Safety Features' under 'Transmitter Safety Features' section. These signal/temperature safety features shut down the fireplace system when a potentially unsafe condition exists.

Important: Review 'Auto Shutdown' section. This safety feature shuts down the fireplace after 9 hours of continuous operation, in ON mode only.

Important: New or fully charged batteries are essential for proper operation of the multi-function transmitter. The transmitter operates on 2 AAA-size 1.5V batteries. Use Alkaline batteries for longer battery life and maximum operational performance.

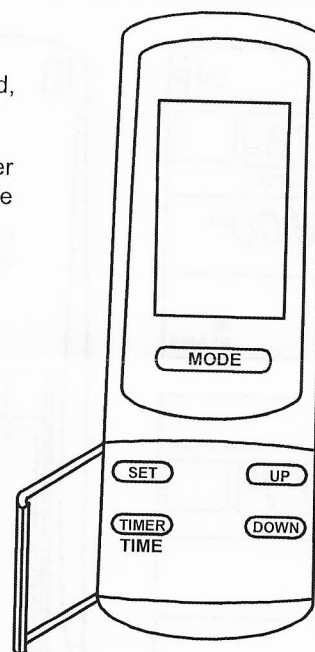
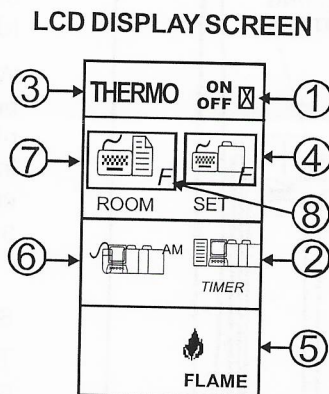
Insert 2 AAA-size 1.5V batteries into the battery compartment on the back of the transmitter. When the batteries are correctly inserted, the screen will display numbers (see Figure 7 for LCD Display Screen).

NOTE: If the transmitter is activated from a very cold condition it may be necessary to allow the transmitter to stabilize to room temperature (could take up to 15 minutes) before accurate room temperatures are displayed on the screen.

NOTE: LCD screen is equipped with a "backlite" for easier viewing of LCD screen. Backlite illuminates when a function button is depressed. After 5 seconds elapses, LCD screen will return to its normal state.

1. **LOW** - Battery power low. Replace batteries within two weeks.
2. **TIMER** - Indicates time remaining before system shuts off, when timer-programmed, 9 - hour maximum setting.
3. **MODE** - Indicates operation MODE of system. ON indicates the system is on, either manually or thermostatically. THERMO indicates the system will automatically cycle ON/OFF, depending on programmed SET temperature. OFF indicates the entire system is turned off.
4. **SET** - Indicates desired SET room temperature for THERMO operation.
5. **FLAME** - Indicates burner/valve operational.
6. **CLOCK** - Indicates the current time in AM/PM.
7. **ROOM** - Indicates CURRENT room temperature.
8. **°F** - Indicates degrees Fahrenheit (°C indicates degrees Celsius).

Figure 14. Transmitter LCD Display Screen



MATCHING SECURITY CODES

It may be necessary to program the remote receiver to the security code of the transmitter upon initial use, if batteries are replaced, or if a replacement transmitter is purchased from your dealer. To program the remote receiver:

1. Set the slide button on the receiver to the REMOTE position.
2. Push the LEARN button (one beep will be heard) on the top of the remote receiver.
3. Then press the MODE button on the transmitter. Several beeps indicate the transmitter's code has been programmed into the receiver. When an existing receiver is matched to a new transmitter, the new security code will overwrite the old one. **NOTE:** When the LEARN button is depressed, "beeping" sounds should be heard.

If you are unsuccessful in matching the security code on the first attempt, wait 1-2 minutes before trying again.

OPERATING INSTRUCTIONS

To operate the system, press the MODE button (Figure 14) on the transmitter to select the operational MODE desired.

- ON indicates the system is on, either manually, timed or thermostatically.
- THERMO indicates the system will automatically cycle ON/OFF, depending on programmed set temperature.
- OFF indicates the entire system is turned off.

Transmitter Settings

Flip open the plastic cover on the front of the transmitter to expose the "SET" buttons.

NOTE: Flashing numbers on the display indicate the system is waiting for input, such as using the UP and DOWN buttons to program a new setting. If no change is made to flashing digits within 15 seconds, the system will complete the procedure last programmed and reset the display to its normal state.

Setting the Clock

1. Press and hold the TIMER/TIME button on the transmitter for more than two seconds. The hour digit(s) will begin flashing (see Figure 14, Location #6).
2. Press the UP or DOWN button until the desired hour is displayed in AM or PM.
3. After setting the desired hour, press and release the TIMER/TIME button again to set the minutes; the minute digits will begin flashing.
4. Press the UP or DOWN button until the desired minutes are displayed.
5. Press and hold the TIMER/TIME button again for more than two seconds. The time digits will cease flashing, indicating the clock has been successfully set. You may also press the SET button on the transmitter to stop the time digits from flashing and set the time.

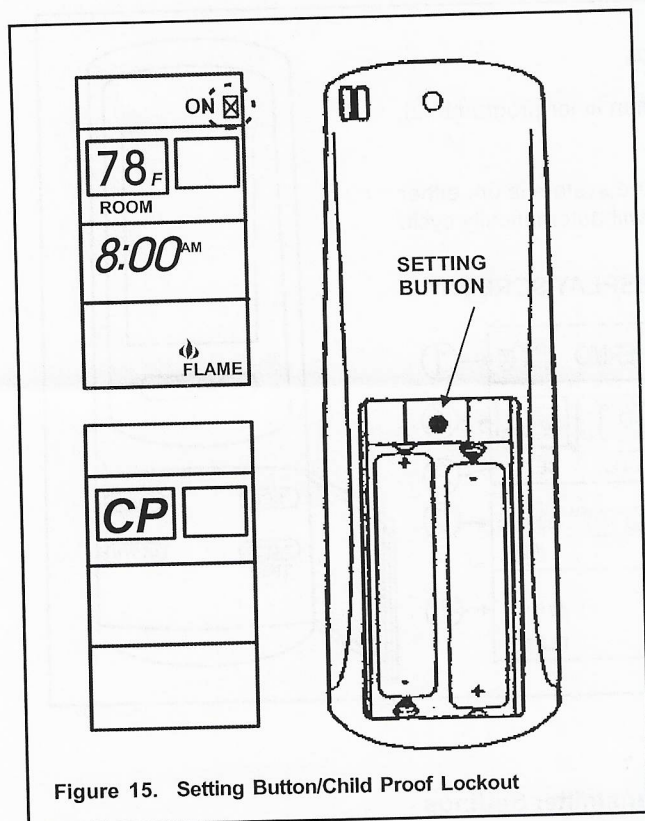


Figure 15. Setting Button/Child Proof Lockout

Setting °F/°C Scale

The factory setting for temperature is degrees Fahrenheit (°F). To change this setting to degrees Centigrade (°C):

1. Remove the battery cover on the back of the transmitter and locate the "setting button" at the top center of battery compartment (see Figure 15).
2. Push setting button and °F will begin flashing on the LCD screen (see Figure 14, Location #4).
3. Push the DOWN button on the transmitter to change °F to °C.
4. Push "setting button" on transmitter and Centigrade (°C) degree readings will display on LCD screen.
5. Repeat this process to change back to Fahrenheit (°F) reading, this time pushing the UP button.

NOTE: LCD screen will return to normal state if setting button is not pushed within 15 seconds.

Setting Desired Room Temperature - Thermo Operations

This remote control system can be thermostatically controlled when the transmitter is in the THERMO mode. (THERMO must be displayed on the screen). The transmitter will "sense" the room temperature every two minutes automatically turning the fireplace ON or OFF thermostatically. To set the desired room temperature:

1. Press the MODE button to place the transmitter into THERMO mode. THERMO ON or OFF will display.

2. Press the UP or DOWN button to select the desired room temperature. The highest SET temperature is 99°F (32°C). The lowest SET temperature is 45°F (6°C).

NOTE: To prevent repeated thermo-cycling of the gas appliance, the sensing unit in the transmitter will only activate the remote receiver when the temperature change exceeds 2°F (1°C) above or below the SET (desired) temperature.

When the transmitter is in the THERMO mode, it should be kept away from direct sources of heat such as fireplaces, incandescent lighting and direct sunlight. Leaving the transmitter in direct sunlight, for example, will cause it to read the room temperature higher than it actually is.

Setting the Countdown Timer

This remote control system can operate with a built-in countdown timer when the transmitter is in the ON or THERMO modes (THERMO or ON must be displayed on the LCD screen).

1. Press and release the TIMER/TIME button on the transmitter. The word TIMER and 0:15 flash on the screen (see Figure 14, Location #2).
2. Press the UP and DOWN button to begin advancing through each of the countdown time options. Available countdown times are 15 min, 30 min, 45 min, 1 hour, 1 hr 30 min, and each additional half hour up to nine hours.
3. To set the TIMER, press the SET button on the transmitter. If the system is ON, it will remain on until the "time" has expired. If the system is in the THERMO mode, it will cycle on and off as the room temperature requires until the "time" has expired.

NOTE: When the timer is used in the THERMO mode, the THERMO operation will discontinue when the "time" has expired.

Low/Battery Indicator

An "X" outlined by a battery on the right side of the LCD screen will appear when battery power has dropped significantly. At this time, approximately two weeks of battery power remains.

Child Proof Lockout (CP)

The transmitter contains a "Child Proof" lockout feature that prevents unauthorized use of the remote control. To access the "Child Proof" activation button, remove cover on BACK of transmitter. To activate LOCKOUT:

1. Press and hold in the "setting button" for 5 seconds. The letters CP will display on the LCD screen (see Figure 15). This prevents the activation of fireplace. When any function button is pressed ON/OFF etc. the letter CP will display on the LCD screen.

To deactivate LOCKOUT:

1. Press and hold in the "setting button" for 5 seconds. The LCD will display CP until 5 seconds have elapsed, and then the LCD screen will return to its normal state.

TRANSMITTER SAFETY FEATURES

It is recommended that the TRANSMITTERS always be located within a 20 foot operating range of the fireplace, preferably in the same room in which the fireplace system is located. The TRANSMITTER features several safety features that alert the user when the TRANSMITTER is placed outside the 20 foot normal operating range.

Thermo-Safety and Communication-Safety Features

This remote control has both a THERMO-SAFETY and COMMUNICATION-SAFETY function built into its software. It provides an extra margin of safety when the TRANSMITTER is out of the normal 20 foot operating range of the receiver. It is also activated when the batteries become weak or are removed from the transmitter.

In the THERMO-SAFETY feature (only in the THERMO or TIMER modes) the transmitter normally reads the ROOM temperature every 2 minutes. In addition to checking the temperature, the transmitter sends a signal to the receiver indicating that the transmitter and its batteries are still active.

In the COMMUNICATION-SAFETY feature, at all times and in all OPERATING MODES the transmitter sends a signal every fifteen (15) minutes to the receiver, indicating that the transmitter is within the normal operating range of 20 feet.

Should the receiver NOT receive a transmitter signal every 2 minutes (THERMO-SAFETY feature) or 15 minutes (COMMUNICATION-SAFETY feature), the RECEIVER will begin a 2 HOUR (120 minute) countdown timing function. If during this 2 hour period, the receiver does not receive a signal from the transmitter, the RECEIVER will shut down the fireplace being controlled by the receiver. The RECEIVER will then emit a series of rapid "beeps". Then, after 10 rapid "beeps", the RECEIVER will continue to emit a single "beep" every 4 seconds until a transmitter signal is again received. The intermittent 4 second beeping will go on indefinitely until reset.

To "reset" the RECEIVER and operate the fireplace system:

1. Press the MODE button on the transmitter. The word ON must display on the LCD screen. The THERMO-SAFETY and COMMUNICATION - SAFETY operation is overridden and the system will return to normal operation depending on the MODE selected at the transmitter.

We recommend the user check the batteries in the TRANSMITTER to make sure the voltage is no less than 2.7 volts.

Auto Shutdown

This remote control has an Auto Shutdown feature incorporated into its system. When the transmitter MODE is in the ON position the fireplace will continuously operate for 9 hours. After 9 hours, the fireplace will shut down. To relight the fireplace:

1. Press the MODE button.

The transmitter must be positioned within a 20 foot operating range for the Auto Shutdown feature to operate.

RECEIVER SAFETY FEATURE

The receiver's THERMO-SAFETY operation is controlled by a "resettable" THERMISTOR that shuts down the fireplace when the ambient temperature, *inside the receiver case*, exceeds 130° F. This is especially important when the receiver is in the THERMO mode, and the fireplace is cycling ON and OFF, automatically.

When the ambient temperature at the THERMISTOR, *inside the receiver case*, reaches 130° F, the THERMISTOR will automatically shut the fireplace system down and the RECEIVER will begin emitting a series of 4 "beeps", every 2 seconds. When the ambient temperature, at the RECEIVER, drops between 120° F and 130° F, the user can reactivate the fireplace by pushing the MODE button on the transmitter. The word ON must display on the LCD screen. When the MODE button is pressed to ON, the THERMISTOR "resets" itself and the fireplace will begin operating again. However, the "beeping" will continue, if the ambient temperature remains between 120° F and 130° F. This "beeping" alerts the user that the RECEIVER should be repositioned so the ambient temperature drops below 120° F.

When the temperature drops below 120° F, the "beeping" will cease, providing the user has "reset" the THERMISTOR by pushing the MODE button to ON to operate the fireplace, either manually or thermally. Allow sufficient time for receiver to cool below 120° F, and then press MODE button to stop beeping.

SYSTEM CHECK

Millivolt Valves

Light the appliance following the lighting instructions that came with the fireplace. Confirm that the pilot flame is on. It must be in operation for the main gas valve to operate.

1. Slide the 3-position button on the remote receiver to the ON position. The main gas flame (i.e., the fire) should ignite.
2. Slide the button to OFF. The flame should extinguish (the pilot flame will remain on).
3. Slide the button to REMOTE (the center position), then press the MODE button on the transmitter to change the system to ON. The main gas flame should ignite.
4. Press the MODE button on the transmitter to change the system to OFF. The flame should extinguish (the pilot flame will remain on).
5. Press the MODE button on the transmitter to change the system to THERMO.
6. Advance the SET temperature on the transmitter to a temperature of at least 2° F (1° C) above the ROOM temperature displayed on the LCD screen and the system flame will ignite.
7. Set the SET temperature to at least 2° F (1° C) below the room temperature and the system flame will extinguish. Thereafter, it should continue to cycle on and off thermostatically approximately every two minutes as the ROOM temperature changes, but only when the temperature differential between ROOM and SET temperatures differs at least 2° F (1° C). The 2° F differential is the factory setting.

Electronic Ignition System

1. Slide the 3-position button on the remote receiver to the ON position. The spark electrode should begin sparking to ignite the pilot (the pilot may ignite after only one spark). After the pilot flame is lit, the main gas valve should open and the main gas flame should ignite.
2. Slide the button to OFF. The main gas flame and pilot flame should BOTH extinguish.
3. Slide the button to REMOTE (the center position).
4. Then press the MODE button on the transmitter to change the system to ON. The spark electrode should begin sparking to ignite the pilot. After the pilot is lit, the main gas valve should open and the main gas flame should ignite.
5. Press the MODE button on the transmitter to OFF. The main gas flame and pilot flame should BOTH extinguish.

6. Press the MODE button on the transmitter to change the system to THERMO.
7. Advance the SET temperature on the transmitter to temperature of at least 2° F (1° C) above the room temperature displayed on the LCD screen and the system flame will ignite.
8. Set the SET temperature to at least 2° F (1° C) below the room temperature and the system will extinguish. Thereafter, it should continue to cycle on and off thermostatically approximately every two minutes as the ROOM temperature changes, but only when the temperature differential between ROOM and SET temperatures differ at least 2° F (1° C). The 2° F differential is the factory setting.

Timer Operation

The countdown timer will operate in either the manual ON or THERMO mode. Once the fireplace system is in an operating mode, set the countdown timer to turn off in 15 minutes. The timer function will allow operation to continue until the "countdown time" on the LCD screen expires. After 15 minutes elapses, the system should turn off.

GENERAL INFORMATION

Transmitter Wall Bracket

The transmitter can be hung on a wall using the bracket provided. Locate the bracket on an inside wall sufficiently far away from direct sources of heat such as a fireplace, incandescent lighting, or sunlight so it detects ambient room temperatures, not a single heat source. If the bracket is installed on a solid wood wall, drill 1/8" pilot holes and install with the screws provided. If it is installed on a plaster/wallboard wall, first drill two 1/4" holes into the wall, then use a hammer to tap in the two plastic wall anchors flush with the wall, then install the screws provided.

Battery Life

Life expectancy of the alkaline batteries in the transmitter should be at least 12 months. Check batteries annually. When the transmitter no longer operates the remote receiver from a distance it did previously (i.e., the transmitter's range has decreased) the batteries should be checked.

Troubleshooting

To check the operation of the remote:

1. Make sure receiver batteries are installed properly. If one battery is installed backward, receiver will not operate in remote mode. Be sure battery output is 5.3 volts or more. (Slide switch is independent of battery condition).
2. Be sure the transmitter's batteries are properly installed and that the battery output is 2.7V or more.
3. Check to make sure the transmitter is communicating with the receiver.
 - If the receiver beeps when the MODE button is depressed on the transmitter they are communicating.
 - If the receiver does not beep when the MODE button is depressed on the transmitter go to Matching Security Codes.
4. Make sure the transmitter is within the 15' - 20' range of the receiver.
5. Positioning of the receiver is important. If the receiver is "enclosed" in a metal surround, the operation of the receiver may be affected as noted below. Reposition the receiver to improve operating range. It is suggested that a heat shield be installed to protect the receiver from extreme heat. If the receiver is "enclosed" in a metal surround, this can:
 - Cause the RF signal to get lost and not communicate with the receiver.
 - Cause the working distance to be shorter than normal.
6. Due to handling and shipping of the unit, handling or dropping of the transmitter by the customer, and heat conditions to the receiver, some units may need an

NOTE: A receiver located in an area, where the ambient temperature inside the case exceeds 130° F, will cause the THERMO-SAFETY feature to cut in, requiring you to reposition the receiver to stop the warning beeps, and to "reset" the receiver's operation.

occasional frequency adjustment. This adjustment is made to improve the communication and operation distance between the transmitter and the receiver. Follow the steps for Frequency Adjustment.

Receiver Adjustment - Recommended Adjustment

- A. To adjust at the receiver, use a small slotted screwdriver. Turn the adjustment screw counter-clockwise about 45°, about 1/8 turn. This should correct the distance problem (see Figure 13).
- B. If that does not correct the problem, return adjustment screw to original position and then turn adjustment screw 45° clockwise.

This adjustment is like tuning your radio. If you keep turning the adjustment screw, in either direction, you will go past the proper setting (tuning).

Specifications

Batteries: Transmitter - 3V 2 ea.; AAA 1.5V, Alkaline
Remote - 110-120 VAC; 60Hz

Operating Frequency: 303.8 MHZ

FCC ID No.'s: Transmitter - K9L300ITX
Receiver - K9L3001RX

Canadian ISC ID No.'s:
Transmitter - 2439 102 760
Receiver - 2439 102 760A

Service Parts List

DESCRIPTION	PART NO.
WHITE WALL PLATE	HTI-21-005
WHITE BUTTON	HTI-20-005
BLACK BUTTON	HTI-19-005
TRANSMITTER WALL HOLDER	HTI-16-005
BATTERIES-RECEIVER	HTI-15-005
BATTERIES-TRANSMITTER	HTI-14-005
RECEIVER	HTI-13-005
TRANSMITTER (Smart-Batt-HNG)	HTI-12-005-HNG
TRANSMITTER (Smart-Batt-HTL)	HTI-12-005-HTL
HARDWARE PACKAGE	HTI-11-005
ACTUATOR PINS	HTI-17-116

Limited Warranty

This REMOTE CONTROL SYSTEM is warranted for 12 months from the date of purchase or installation to the original purchaser to be free from defects in materials and workmanship. Damage to the SYSTEM caused by accident, misuse, abuse, or installation error whether performed by a contractor, service company, or owner, is not covered by this warranty. Seller will not be responsible for labor charges and/or damage incurred in installation, repair, replacement or for

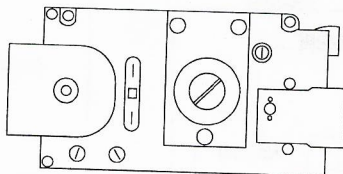
incidental or consequential damages. Batteries and any damage caused by them are not covered by this warranty.

Some states, provinces, and nations do not allow exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply. This warranty gives you specific legal rights. You may have other rights that vary by state, province or nation.

ANVENDELSES INSTRUKSJON (DSI)

1. STOPP! Les nøye gjennom den overnevnte informasjon.
2. Slå av all elektrisitet til ovnen.
3. Denne ovnen er utstyrt med en tenningsanordning som automatisk tenner brenneren. Tenn ikke brenneren for hånd.

GASS VENTIL

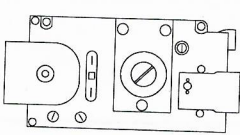
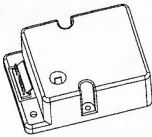
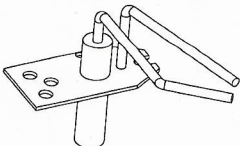



4. Vent fem 5 minutter for fjærning av event. gass. Sjekk om gass er lekket ut, også på gulvflaten. Hvis du lukter gass, STOPP! Følg B i din sikkerhets informasjon som er nevnt ovenfor. Hvis du ikke lokaliserer gass, følg så neste skritt.
5. Slå på all elektrisitet til ovnen.
6. For å antenne brenneren, skru AV/PÅ knappen til PÅ..
7. Hvis ovnen ikke antennes, følg instruksjonen "Hvordan slå av gassenheten" og ring teknisk service eller gassleverandøren.

HVORDAN SLÅ AV GASSTILFØRSELEN

1. Slå av alle elektrisitet til ovnen hvis service skal utføres.
2. Slå AV/PÅ bryteren til AV.

DSI EKSTRADELER FOR TENNING SL-550TR-DSI-NO

DEL	DEL BESKRIVELSE	DEL NUMMER
	DSI Ventil LP/NG	SRV529-500
	DSI Module	SRV529-510
	Elektrode	SRV529-591
	Brensels rør	SRV477-312

Tillegg for DIREKTE TENNINGSGNIST (DSI)

Anvendelses Krav

Anvendelse av denne krever at 230 VAC kobles til den fabrikkinstallerte koblingsboksen. Vær nøye med rett pol når den kobles til koblingsboksen.

OBS!: Elektriske koblinger må alltid installeres av godkjent elektriker.

ADVARSEL: MERK ALLE LEDNINGER FØR AVKOBLING VED SERVICE KONTROLL. KOBLINGSFEIL KAN FØRE TIL FEIL OG FARLIG ARBEIDS-OPERASJON. KONTROLLER AT OPERASJONEN ER KORREKT ETTER SERVICE.

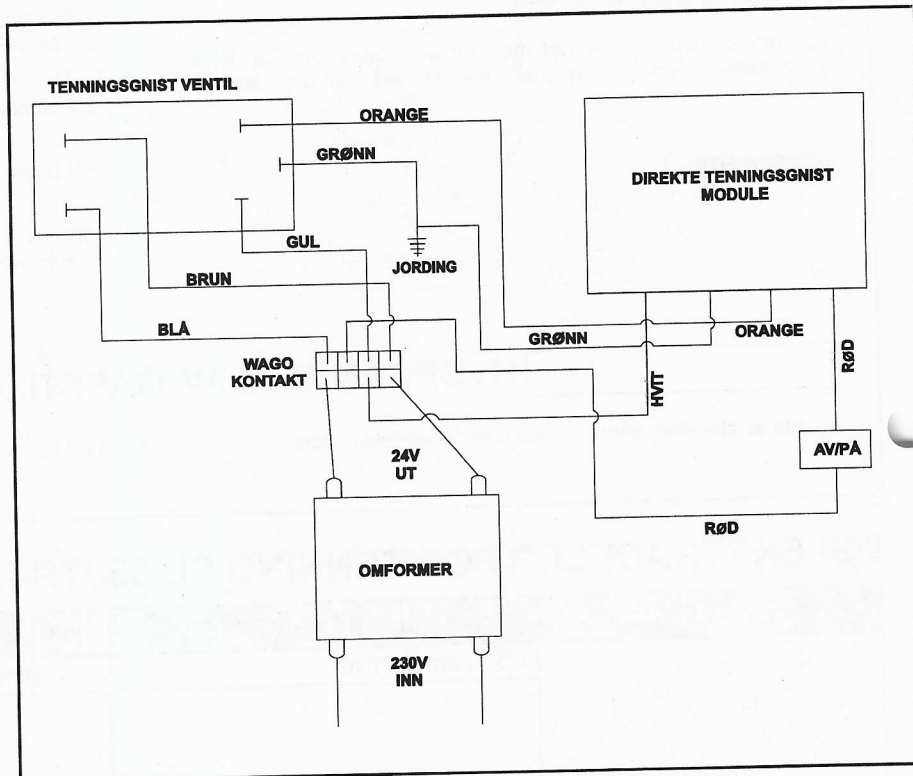
FOR DIN EGEN SIKKERHET, LES DENNE FØR ANNTENNELSE

ADVARSEL: Hvis du ikke følger denne bruksanvisningen nøye, kan brann eller eksplosjon resultere i materielle skader, personskader, eller tap av liv.

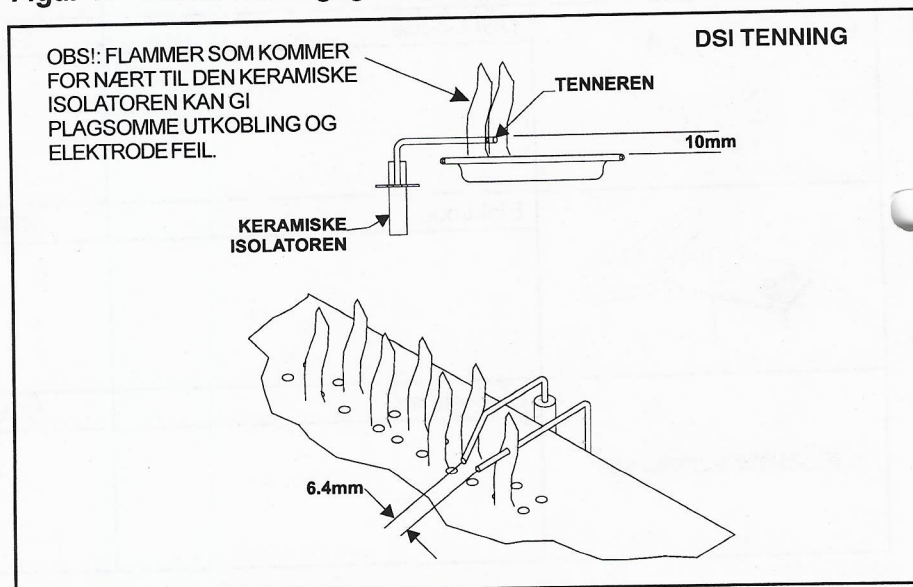
- Denne ovnen har ikke tenningsbluss. Den er utstyrt med tenning som automatisk tenner brenneren. Forsøk ikke å tenne brenneren for hånd.
- FØR ANTENNELSE,** Lukt for å sjekke at ingen gass er lekket ut i området rundt ovnen. Likeså på gulvflaten, fordi noen gasser er tyngre enn luft og vil legge seg på gulvflaten.

HVA HVIS DU LUKTER GASS

- Antenn ikke ovnen.
- Rør ingen elektriske bryttere og benytt ikke telefon i bygningen.
- Ring straks din gassleverandør fra naboens telefon. Følg gassleverandørens instruksjon.
- Hvis du ikke når din gassleverandør, ring brannvesenet.
- Bruk ikke denne ovnen dersom noen del har vært under vann. Ring straks til kvalifisert service tekniker for å kontrollere ovnen og bytte ut deler av kontrollsystemet eller gasskontrollen som har vært under vann.



Figur 1. Direkte tenningsgnist (DSI) Ledningsdiagram



Figur 2. Flamme antenningsmønsteret