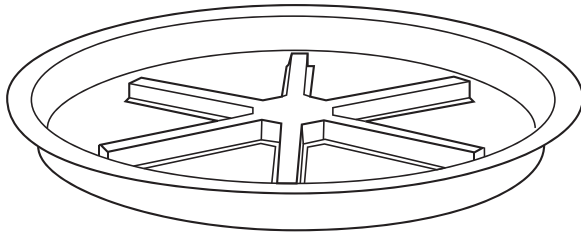


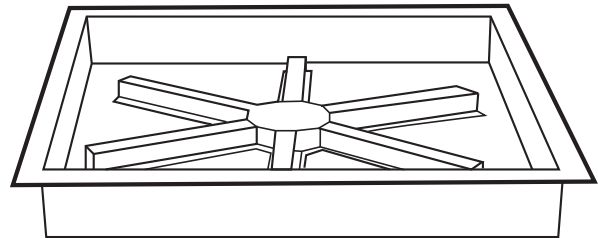


RECORD SET



MODELS:

SFRSR19DSI (19-inch Round Fire Pit)
SFRSR25DSI (25-inch Round Fire Pit)



MODELS:

SFRSS20DSI (20-inch Square Fire Pit)
SFRSS26DSI (26-inch Square Fire Pit)

Outdoor Fire Pit

Installation and Operating Instructions

IF YOU CANNOT READ OR UNDERSTAND THESE INSTALLATION INSTRUCTIONS DO NOT ATTEMPT TO INSTALL OR OPERATE THIS APPLIANCE

INSTALLATION PRECAUTION:

This fire pit requires a minimum 18-square inches of cross ventilation. Failure to provide proper ventilation can void the warranty.



Warning: For Outdoor Use Only

PLEASE RETAIN THIS MANUAL FOR FUTURE REFERENCE



DANGER



CARBON MONOXIDE HAZZARD

This appliance can produce carbon monoxide which has no odor.

Using it in an enclosed space can kill you.

Never use this appliance in an enclosed space such as a camper, tent, car or home.



DANGER

If you smell gas:

1. Shut off gas to the appliance.
2. Extinguish any open flame.
3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.



WARNING

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or other appliance.

An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

WARNING

Do not leave unattended during use.
Do not use for cooking.
Follow all gas leak procedures in this manual prior to operation.



WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

FOR YOUR SAFETY

Do no store or use gasoline or other flammable vapors and liquids in the vicinity of this or another appliance.



Fuels used in gas fired appliances, and the products of combustion of such fuels, contain chemicals know to the State of California to cause cancer, birth defects and/or other reproductive harm. This warning is issued pursuant to California Health & Safety Code Sec.25249.1

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SPECIFICATIONS

MODEL	SFRS19DSI	SFRS25DSI	SFRSS20DSI	SFRSS26DSI
MINIMUM				
INSTALL HEIGHT	18"	18"	18"	18"
INSTALL OPENING (Min/Max)	20" / 21" Di- ameter	26" / 27" Diameter	21" / 22" Square	27" / 28" Square
D1	19"	25"	20"	26"
D2	21.75"	27.75"	22"	28"
H1	2.5"	2.5"	2.5"	2.5"
H2	4.5"	4.5"	4.5"	4.5"
H3	6"	6"	6"	6"
W1	10.5"	10.5"	10.5"	10.5"

Table1. Fire Pit Dimensions

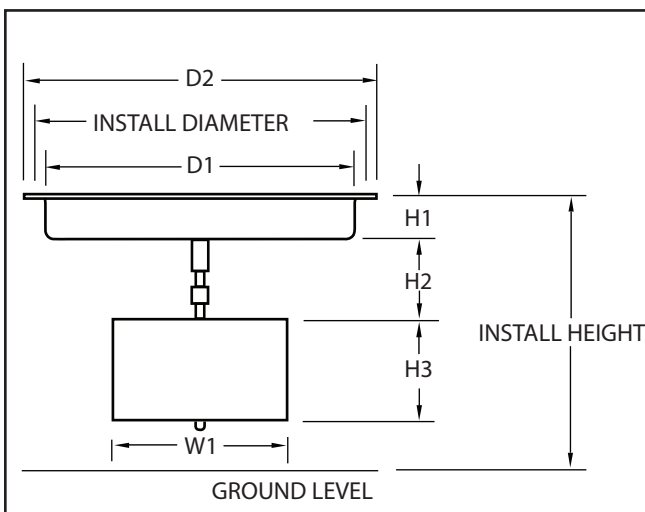


Figure 1. Fire Pit Dimensions (refer to Table 1)

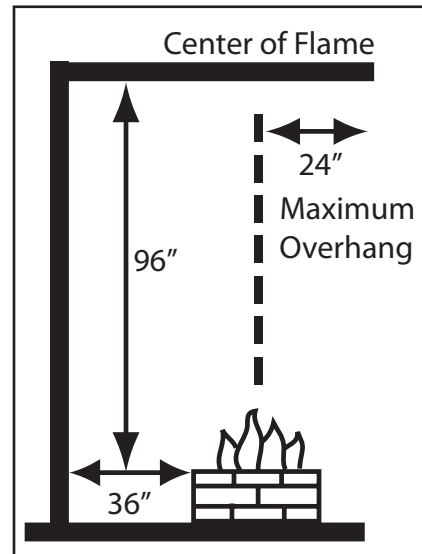


Figure 2. Clearance to Combustibles

Model	<i>High Btu's Natural/Propane (LP)</i>	<i>Low Btu's Natural/Propane (LP)</i>
SFRSR 19DSI	80,000 Btu's	50,000 Btu's
SFRSR 25DSI	110,000 Btu's	50,000 Btu's
SFRSS 20DSI	80,000 Btu's	50,000 Btu's
SFRSS 26DSI	110,000 Btu's	50,000 Btu's

Table 2. Btu Specifications

	NG	LP
Min. Inlet	5.0"WC	11.0"WC
Max. Inlet	10.5"WC	13.0"WC

Table 3. Gas Pressures

WARNING: Proper clearances from combustible, construction and materials must be maintained from all sides, top and bottom of this appliance. This appliance should never be placed on any combustible surface. This appliance should never be placed under any combustibles closer than 96-inches. This appliance should never be placed closer than 36-inches from any side to any combustible construction or materials (See fig. 2, page 3).

PREPARING A NON-COMBUSTIBLE STRUCTURE

The Fire Pit is to be installed on a flat, stable surface, away from any combustible materials. Install Fire Pit on any level, outdoor non-combustible surface. **NOTE:** Do not place fire pit directly on grass, dirt, or rocks this may prevent proper ventilation (Fig. 1, pg. 3).

HARD PIPING TO FIRE PIT WITHOUT GAS PROXIMITY

1. Turn **OFF** gas supply system. **NOTE:** All gas connections (except for brass to brass) require the following. Clean pipe threads using either a wire brush or steel wool. Apply Teflon tape or pipe sealant to the steel fittings before making any connection. **BE CAREFUL!** Ensure all gas connections are snug, but not over tighten!
2. Extend the gas supply system using minimum of $\frac{3}{4}$ " black iron pipe or an approved flexible gas line from existing house supply. This can be accomplished by teeing off or tapping into a convenient gas line connection. Install necessary pipe for the distance required and then install a manual shut-off valve at the exterior house wall. If pipe is to pass through a foundation or house wall, make sure to re-seal the area around the pipe with weather sealant.
3. From manual valve, extend gas pipe to the Fire Pit location. **NOTE:** If pipe is to be placed in an underground trench, check with local codes for required depth and materials needed.
4. Install a $\frac{3}{4}$ " female x $\frac{1}{2}$ " male flared brass fitting to the end of the $\frac{3}{4}$ " black iron pipe. Be sure to clean the pipe threads and use Teflon tape or pipe sealant.
5. Connect the $\frac{1}{2}$ " female flared flex connector from the Fire Pit to the $\frac{1}{2}$ " male flared brass fitting secured to the black iron pipe. Note: Flare to flare connections do not require Teflon tape or pipe sealant.

IMPORTANT

Installation of Natural or LP gas should be done by a qualified installer, service agency or gas supplier. The appliance and its manual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of the system at test pressures in excess of $\frac{1}{2}$ psig (3.5kPa). This appliance must be isolated from the gas supply piping system by closing its manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than $\frac{1}{2}$ psig (3.5kPa).

NOTE: LP conversion kits are available in the accessory section of this manual. When converting a Fire Pit ensure you follow the instructions supplied with the conversion kit.

VENTILATION FOR NON-COMBUSTIBLE ENCLOSURE

Fire pits are subjected to many outdoor elements such as rain, snow, wind, heat or cold. These fire pits have electronic components that need to remain dry as possible in order to operate properly. **A minimum of 18 square inches of cross ventilation (2 sides) is required to keep the components in good working order.** Use figure 3 as guide to assist to incorporate proper ventilation. **NOTE:** Ventilation is not required at the bottom and may also be incorporated in the upper portion of an enclosure.

HIGH ELEVATION INSTALLATION

This appliance is listed for elevations from 0-4500 feet in Canada and the U.S. If elevation exceeds 4500 feet it may be necessary to decrease the input rating by changing the existing burner orifice to a smaller size. Input should be reduced 4% for each 1000 feet beyond the 4500 feet above sea level. Check with your local gas utility for assistance in determining the proper orifice in your location. In some cases the heating value may already be reduced and downsizing the orifice may not be necessary.

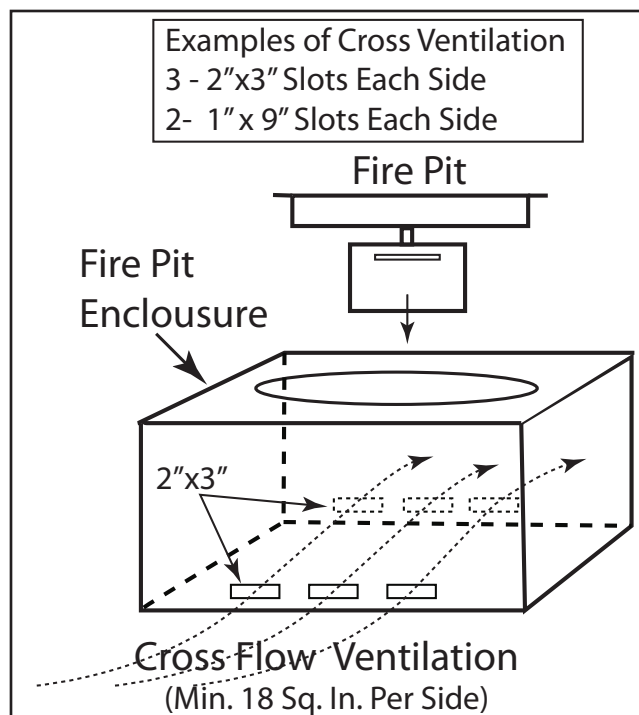


Figure 3. Cross Ventilation Example

REQUIREMENTS

1. Only non-combustible materials should come in direct contact with any part of the Fire Pit. Underneath area should be non-combustible as well.
2. Only use ¾" gas supply line to the Fire Pit. Based on the selection of the fire pit size, the proper brass fittings should be used to ensure a proper installation.
3. Determine the size of the round or square Fire Pit you are preparing to install (Refer to page 3).
4. You must provide a round or square cut out to place the fire pit into the non-combustible enclosure surround. Use the pattern from the shipping carton for sizing.
5. Follow the local code requirements for the gas type being used. This Fire Pit should be installed in accordance with local codes and ordinances or in the absence of local codes, with the latest National Fuel Gas Code, ANSI Z223.1 NFPA54 or CSA B149.1, Natural and Propane Installation Code in Canada.
6. Fire Pits create high temperatures, it is very important to have any combustibles at a safe distance.
7. Normal operation of the Fire Pit is with a battery box that is supplied with your system (Fig 4). The battery box has 12-feet of black sleeved wire that is to be passed through the junction box provided. This wire should not be cut or spliced and the junction box can be placed in the facing of the vertical finish of the fire pit, if you place the wire under ground you should install those wires into an approved protective conduit/sleeve material.
8. If (optional) 120VAC adapter (Pg.13) is going to be used to power this system it is required to follow all local codes or National Electrical Code ANSI/NFPA 70 for installation of this electrical outlet. A breaker on wall switch with approved outdoor outlet must be used to insure safety to this Fire Pit. When not in use the breaker should be in the OFF position.
9. Fire pit should never be left unattended while in operation. It should always be a safe distance from all trees and combustible landscape materials.
10. Construction of the finished fire pit should be stable and solid. From the bottom of the control box that houses the gas valve and module, it should be a minimum of 4-inches to the ground level. See figure #1. Drainage is critical to ensure that water does not damage and valve components. Never install the fire ring system below grade.
11. **CAUTION: A minimum of 18 square inches of cross ventilation (2 sides) is required to keep the components in good working order.**
12. The insulation square pad provided with the Fire Pit is to be placed foil up toward the bottom of pan on top of the valve box.
13. Never fill the cavity under and around the valve box with any material, this is a provided air space necessary for ventilation.
14. These products are designed for outdoor use only. Not approved for any indoor use.
15. This Fire Pit is designed to have decorative rock, Lava rock/Media covering the spoke burner. Optional concrete logs can be added to consumers taste. Decorative Rock is not provided. When purchasing decorative rock it is recommended to use minimum of 1-inch diameter rock as a base to fill the burner pan. Decorative glass covering may be loosely scattered on top of rock if desired or non-combustible logs may be added for a campfire look.
NOTE: If using all glass media, glass must be a minimum of 1/4-inch diameter or larger.
16. Gas lines and fittings must be installed in to the non-combustible structure. All gas connections must be leak tested before installation of the fire pit. Soapy water leak detection is required before regular use of the fire pit.
17. Do not use material that will absorb moisture over time and will not release this moisture quickly. Moisture can boil in this material and can rapidly break apart and cause damage or personal injury.
18. Never leave any other combustible material on top of the fire pit. This could cause unsafe operation of this system and damage to the component that will not be covered under our warranty.
19. Cover the complete burner with lava or decorative Rock material (min. 1-inch diameter). Completely cover the spoke burner, no more than 1 inch above the burner.

INSTALLATION OF BATTERY PACK

1. During the installation the location of the Battery Pack should be installed in the location that is easy to service. The best location is in the vertical enclosure of the Fire Pit. The plastic junction box is provided for the installation of the battery pack.
2. The wiring extending from the valve box is a 12-foot special 4-pin connector that connects to the battery pack and (2) two additional wires with 1/4" female connectors. A complete wiring diagram (Fig.12) is located on page 12.
3. Feed all wires into the plastic junction box and connect special 4-pin plug into back of the battery pack. Connect 1/4" female spade connectors to solenoid wires matching color, red-to-red and black-to-black.
4. Install the (4) AA batteries in to the battery compartment shown in figure 5. Double check to ensure the slide switch is in the Latching Solenoid position on the battery pack. Then snap cover plate in place as shown in fig.6.

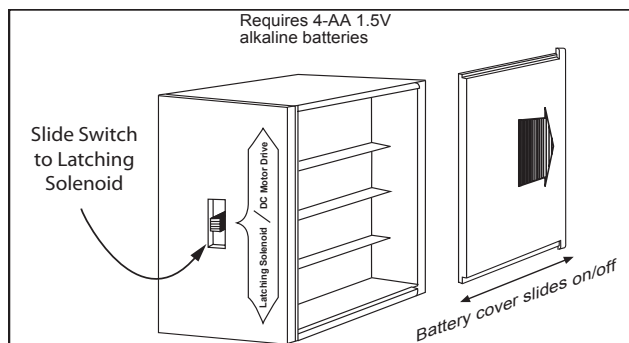


Figure 6. Slide switch on latching solenoid

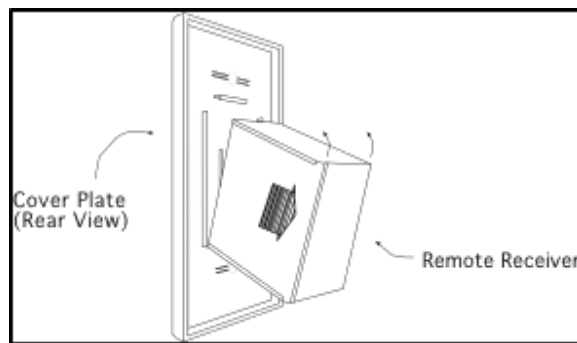


Figure 7. Cover plate installation

NOTE: If using optional 120V power adapter (AF-4000ADP24), you must use a switch or a breaker that can be turned ON and OFF easily. Normal operations are with battery power, and nothing else would have to be done.

5. Reinstall the battery box into the plastic junction box, line up the two holes in the cover and install white screws provided. Batteries can be changed or installed by removing the two screws that hold the cover plate battery box in place. Remove assembly, slide cover away from the cover plate and install the (4) four AA batteries.
6. Be sure the batteries are installed positive-to-positive and negative-to-negative. If one battery is installed wrong the system will not operate.
7. Once the fire pit is installed into the enclosure, the burner and control system should be tested before the media (lava rock) is installed.

INSTALLATION OF BATTERY INTO TRANSMITTER

You have one handheld transmitter (model RCAF-3) and you will need to install the included A23 (12-volt battery) into the transmitter. On the backside of the transmitter, push the cover away from the case. Place the battery into the compartment matching positive-to-positive and negative-to-negative. To ensure the battery is properly installed push any button on the transmitter and you will see a red LED light at the top of the transmitter glow. The LED light will only be lit when a button is pushed.

INSTALLATION OF LAVA ROCK/MEDIA INTO BURNER PAN

Install lava rock/media into the burner pan. Ensure the media is a minimum of 1-inch diameter for proper operation.

Note: Do not pour Lava Rock directly from bag. Media should be placed naturally and NOT packed in tight. Loose fitting is important to ensure robust flames. Be sure rocks are free of any excessive dust. This prevents the burner pan weep holes from being plugged and holding water. **IMPORTANT:** Do not place media over top or under the screen cover. The screen must be free of any debris to ensure proper lighting of burner and good flame rectification (See fig. 8).

Cover the burner completely with media but do not make the depth greater than 1-inch overtop of the burner portholes.

Decorative glass may be loosely scattered on top of the lava rock. Do NOT cover the stainless steel screen cover with any rock or glass. It must be free of any debris to operate properly.

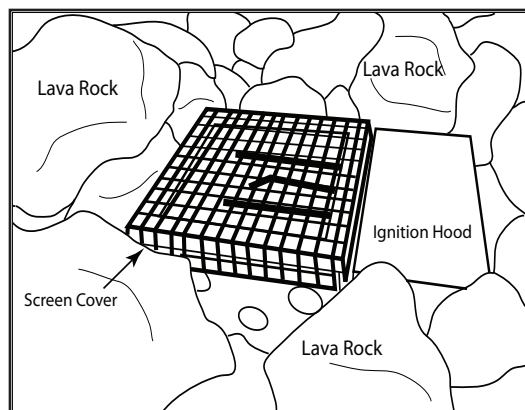


Fig. 8 Keep screen cover exposed

LEARNING THE REMOTE CONTROL TO THE MODULE

The Skytech Fire Pit is unique that it comes standard with one remote controlled transmitter (Model RCAF-3). The handheld remote is shipped with this system are already learned (programmed) to the module inside the control box. Additional transmitters can be learned to this electronic module; up to a total of three Skytech transmitters are available. Contact Skytech to discuss additional transmitter options or see the accessory page of this instruction manual.

Matching new transmitters is simple, but will require pressing the learn button on the module. You should learn any new transmitters before the final installation of the Skytech Fire Pit. Follow the steps below:

1. Remove the two screws securing the cover on the control box (See fig. 9). The cover will slide down exposing the gas valve and control module.
2. Find the black module attached to the inside of the control box. Locate the "Learn Button" on the bottom of the module.
3. Once the Learn button is located, press and release the button once. You will hear a beep indicating that the module is ready to receive a transmitter code (See fig. 10)
4. Take the transmitter and press the OFF button. You will hear a series of rapid beeps indicating the module has accepted the new code.

NOTE: A maximum of three (3) codes can be programmed to the module. After a total of three (3) codes have been programmed the memory is full and will not accept any additional codes. To clear all codes, press and hold the learn button for 10 seconds. The module will beep three (3) times indicating the memory is clear of all codes. After codes have been cleared see to Step #3 above to re-learn transmitter.

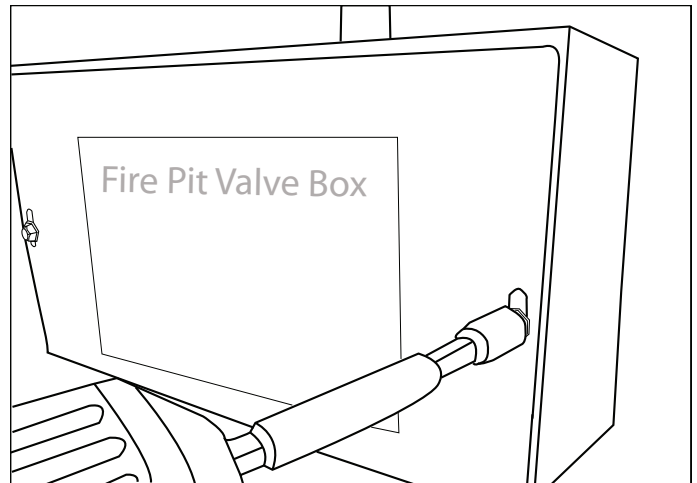


Fig. 9 Removing the cover from metal box.

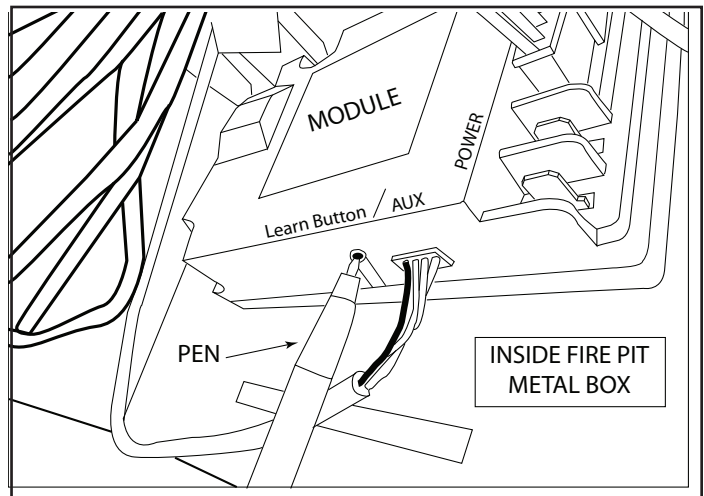


Fig. 10 Learn button location

READ BEFORE OPERATING

For proper ignition it is important that the ignitor probe be properly aligned overtop of the burner. Use the Fig. 11 as a guide. Before lighting remove any tape holding the screen cover of the ignition hood to the burner and ensure the spark and sensor probes are directly overtop of a burner port hole. The sparking and sensor probes must be in the path of a flame to ignite the gas and the sense that flame is present for continued operation. Replace the screen cover and follow the operating procedures.

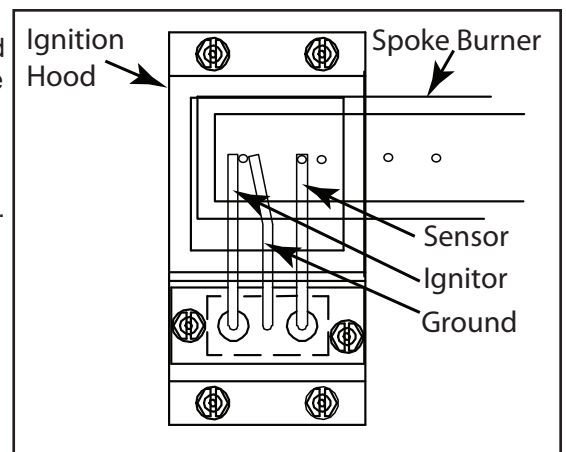


Fig. 11 Top View of Ignitor

OPERATION

CAUTION: Children and adults should be alerted to the hazards on high surface temperatures and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the area of the appliance.

WARNING: Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of control system and any gas control, which has been under water.

SAFETY WARNINGS

1. Never leave the Fire Pit unattended during operation.
2. Clothing or other flammable materials should not be placed on or near the appliance.
3. Any guard or other protective device removed for servicing the appliance must be replaced prior to operating the appliance.
4. Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative the control compartment, burners and circulating air passageways of the appliance be kept clean.
5. Inspect the fuel supply connection before each use of the appliance.
6. Temporary storage of this appliance indoors is permissible only if it has been disconnected from its fuel supply (Natural or L.P. gas line).

WARNING

1. This appliance is hot when operated and can cause sever burns if contacted.
2. Do not burn any solid fuels in this appliance.

INITIAL START UP

1. Turn gas ON. Ensure you have leak tested the fire pit before operating.
2. If using the optional 120V power adapter, you must turn the switch or breaker ON. If using the standard battery pack, ensure batteries are installed and the Fire Pit is ready to operate.
3. Press the ON button on the handheld transmitter. You will hear the ignitor probe sparking, light the gas and fire pit will come on. **WARNING:** Do not stand over Fire Pit during ignition or operation due to high surface temperatures.

NOTE: It may take several cycles of ON/OFF to purge the airflow from the gas lines. The direct spark ignition will turn OFF after 15 seconds if the burner does not light after which you will need to press transmitter OFF button then back ON to initiate ignition again. You can also bleed the gas line using the hand held remote control. Press and hold the HI and LO buttons of the remote control at the same time. This will allow the probe to spark and gas to flow to bleed the gas line and allow the burner to light until you release the buttons. Afterward, start normally by pressing the ON button to light the fire pit.

- There are two levels of flame height, HI and LO. By pressing the handheld transmitter you can operate ON-OFF-HI-LO. The transmitter defaults to the HI setting when initially lighting the Fire Pit each time but will remember the last setting used and change back to the last setting in approximately 5-seconds after lighting.
- Flame color adjustment can be made turning the air shutter nut under the burner pan. It is recommended that the nut be opened until the gas/air mixture makes a rushing sound (like a blow torch); then slowly closed until the rushing sound diminishes. A desirable flame is bright yellow with little or no brown at the tips. Too yellow flame can create excessive sooting (See fig. 11).

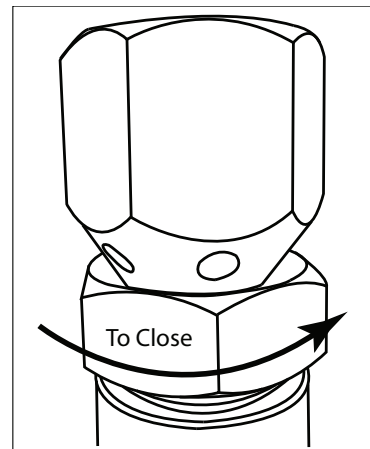
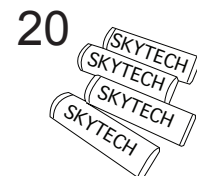
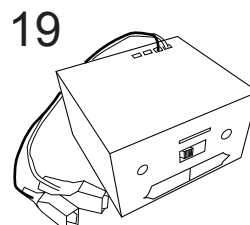
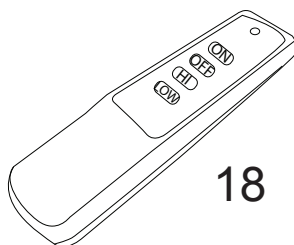
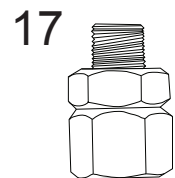
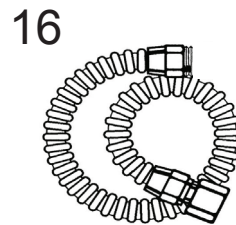
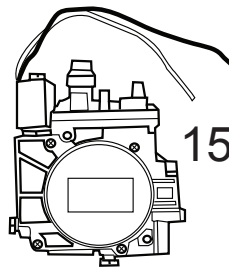
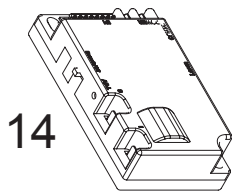
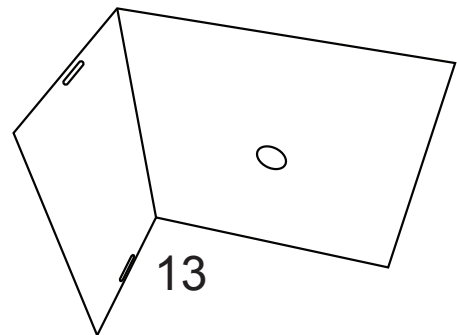
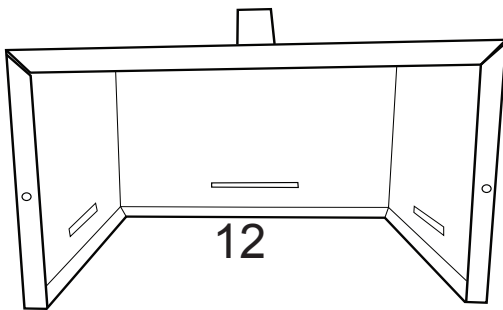
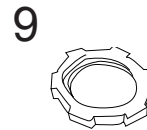
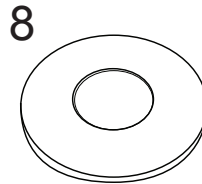
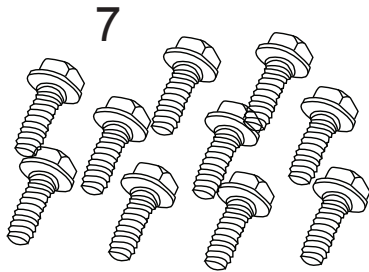
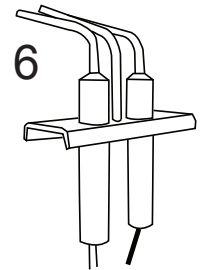
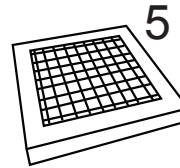
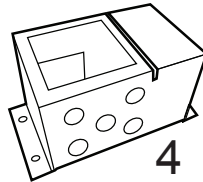
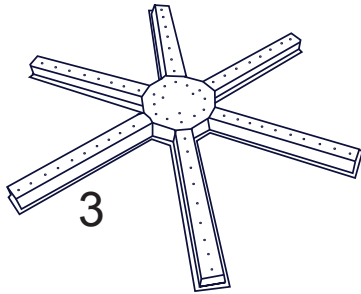
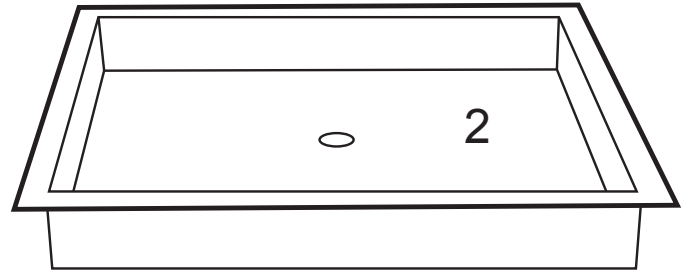
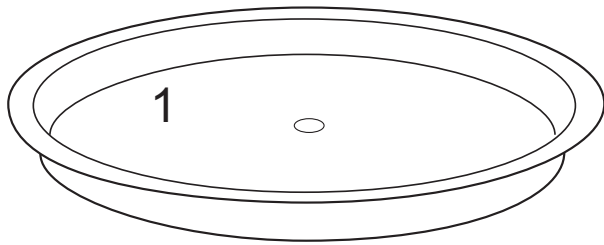


Fig. 11 Air shutter adjustment

REPLACEMENT PARTS



REPLACEMENT PARTS

Item	Description	Qty.	Part Number
1	25-inch Round Stainless Burner Pan	1	ST3-100-1025
1	19-inch Round Stainless Burner Pan	1	ST3-100-1024
2	26-inch Square Stainless Burner Pan	1	ST3-100-1028
2	20-inch Square Stainless Burner Pan	1	ST3-100-1029
3	Spoke Burner (used on 19" & 20" Fire Pits)	1	ST3-100-1022
3	Spoke Burner (used on 25" & 26" Fire Pits)	1	ST3-100-1023
4	Ignition Hood	1	ST3-100-1026
5	Stainless Screen Cover for Ignition Hood	1	ST3-100-1027
6	3-probe Ignitor Assembly (AF-5000DSI3P03)	1	ST3-091-1007
7	#10-24 x 1/2" Stainless Thread Cutting Screw	10	ST3-113-1028
8	7/8" Flat Washer/Spacer	1	ST3-113-1026
9	1/2" NPT Conduit Lock Nut	1	ST3-113-1027
10	1 x 2 1/4" Blank Cover Plate (not shown)	1	ST3-100-1030
11	DSI Valve Box Assembly (not shown)	1	ST2-010-1010
12	Stainless DSI Fire Pit Valve Box Only	1	ST3-100-1020
13	Stainless DSI Fire Pit Valve Box Cover Only	1	ST3-100-1021
14	Control Module AF-5000MOD-1 (Inside valve box)	1	ST3-030-1039
15	AF-4025 DSI Gas Valve - 5.0"WC (Natural Gas)	1	ST2-080-1025
16	1/2" Flex Gas Line (24-inch Length)	1	ST3-094-1001
17	Air Shutter Orifice NG #13 (Used on 25/26" Fire Pits)	1	ST3-092-1006
17	Air Shutter Orifice LP #30 (Used on 25/26" Fire Pits)	1	ST2-092-1005
17	Air Shutter Orifice NG #22 (Used on 19/20" Fire Pits)	1	ST3-092-1004
17	Air Shutter Orifice LP #35 (Used on 19/20" Fire Pits)	1	ST2-092-1000
18	RCAF-3 Transmitter ON/OFF/HI/LO with 12V Battery	1	ST1-020-1034
19	AF-4000BP12 (Battery Pack & 12-foot Wire Harness)	1	ST3-040-1017
20	AA Batteries (Used in Battery Pack)	4	ST1-060-1001

FIRE PIT MAINTENANCE

1. The Fire Pit should be inspected and cleaned before initial use at least annually by a qualified field service person.
2. Any component that is found faulty must be replaced with an approved component.
3. Any tampering or modifying with the Fire Pit is dangerous and voids all warranties.
4. During winter months in cold climates and various seasons operation the Fire Pit may be affected by weather conditions. It is recommended to use a ventilated cover overtop of your Fire Pit to protect it from humid/rainy weather conditions when not in use. Heavy rains/downpours could affect the Fire Pit operation if not covered; if this occurs ensure you allow the Fire Pit time to dry out before attempting to operate. NOTE: If a combustible type cover is used over the Fire Pit when not in use be sure to remove it before operation to prevent a severe safety hazard.
5. Carbon (soot) may build up on the surface of logs (if installed) during heavy use. Sooting may also occur periodically on the screen of the ignitor hood. To clean, brush off with a dry bristle brush or cloth. Keep soot away from clothing or furniture.
6. Over time stainless steel parts discolor when heated, usually a golden or brown hue. This discoloration is normal and does not affect the performance of the appliance.

TROUBLE SHOOTING

FAULT CODES

The AF-500MOD-1 control module has built-in error detection for several common operating fault conditions. When the control module detects an error, it will emit a series of beeps. The beeping pattern will help to determine the cause of the operating fault.

Ignition Safety (Protection for Ignition system):

Error Code: One beep every one second.

Description of Fault: Warn users if the pilot is not successfully ignited in 15 seconds.

How to Clear: Press OFF then ON buttons to re-attempt ignition.

What to Check:

1. Ensure gas supply is turned on.
2. Ensure that the gas line is purged of air. Air is common in the gas line if the appliance has just been installed, has been disconnected then re-connected to the gas line, or if the appliance has been unused for an extended period of time.
3. Ensure there is no blockage in the gas line.
4. Make sure that the flame sensor electrode is clean. Soot buildup will insulate the electrode and will not allow for proper flame sensing.
5. Ensure orange/white leads from module are plugged into the "PILOT" connection on the valve body.
6. Ensure green/white leads from module are plugged into the "MAIN" connection on the valve body.
7. Verify lead from igniter on electrode assembly is connected to the "I" terminal on the module.
8. Verify lead from flame sensor on electrode assembly is connected to the "S" terminal on the module.
9. Verify that the black ground lead from the module is connected to a proper ground on the appliance.

Sensor Safety (Protection for Flame sensor):

Error Code: 4 Beeps every one second (Constant beeping)

Description of Fault: Warn users that the flame sensor detects a flame already present when ignition sequence is initiated. This fault will also occur if the flame sensor is shorted to ground.

How to Clear: Press OFF then ON buttons to re-attempt normal ignition.

What to Check:

1. Check if flame is actually present when valve is turned OFF (if so, replace valve).
2. Ensure that the flame sensor electrode is not touching the burner or another metal surface.
3. Check if the flame sensor wiring is worn, frayed, or otherwise damaged.
4. If 3-probe ignitor is exposed to excessive moisture/water it will need 24-48 hours to dry out.
6. Replace electrode assembly.
7. Replace module.

Thermal Safety (Overheat Protection):

Error Code: 4 Beeps every 2 seconds.

Description of Fault: Warn users that the modules internal temperature exceeds 170°F.

How to Clear: Module's internal temperature must cool to below 160°F and then press ON button.

What to Check:

1. Ensure that there is proper ventilation to the control module.
2. Is module located in unapproved location, too close to burner?
3. Move to cooler location.

Wireless Remote Transmitter Will Not Operate Appliance

1. Make sure that the transmitter is within the 25-foot operational range of the control module.
2. Ensure batteries in transmitter are fully charged and properly installed.
3. If using the battery pack, ensure batteries are fully charged and properly installed. Also, make sure that the battery pack's 4-pin connector is securely connected to the battery pack and control module.
4. If using optional AC adapter, ensure that the AC adapter leads are securely attached to "POWER" connection on the control module. Also, ensure that the AC adapter is connected to a live 120VAC power source.
5. Ensure "Remote/Off" switch on control module is set to "Remote".
6. Ensure the control module has learned the transmitter's security code (learning section pg. 7).
7. Make sure that the remote transmitter is not placed/mounted to a metal surface, which will reduce the operating range.
8. Make sure that there is not a large metal obstruction between the remote transmitter and the control module.

Igniter Electrode Sparks Frequently During Operation

1. The control module will generate a spark at the igniter electrode if the system is in the ON position, but does not sense a flame.
2. Make sure that the flame sensor electrode is clean. Soot buildup will insulate the electrode and will not allow for proper flame sensing.
3. Make sure that wind does not blow the flame off of the flame sensor. The sensor hood and the appliance media (rocks, glass, etc.) provides shielding from the wind. Ensure that the sensor hood and appliance media is properly positioned per the appliance instructions. If wind is too strong, and the flame will not maintain contact with the flame sensor, the appliance should not be operated.

Flame Modulation Will Not Work or Works Backwards

1. Ensure that the black and red leads from the battery pack are securely connected to the red and black leads from the Hi/Lo latching solenoid located on the valve body (red to red and black to black).
2. Verify that the selector switch on the battery pack is set to LATCHING SOLENOID only.
3. Check functionality with all transmitters to determine if there is an issue with the main control system or an individual transmitter. If the issue is with an individual transmitter, make sure that the batteries in both the transmitter and battery pack are installed properly and fully charged.

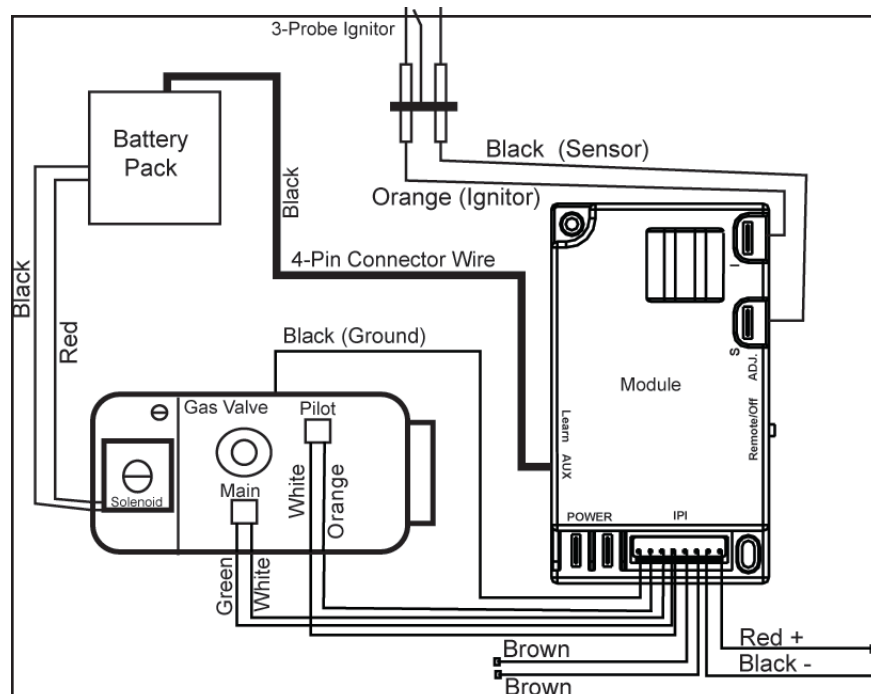
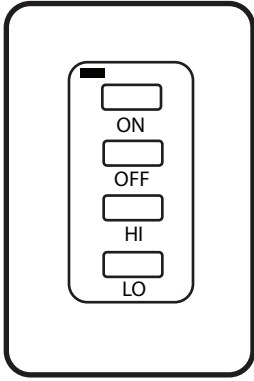
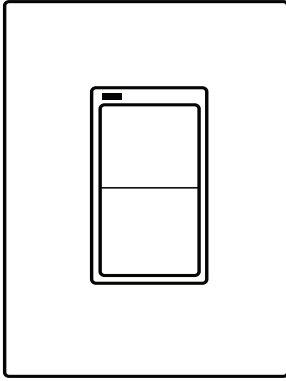
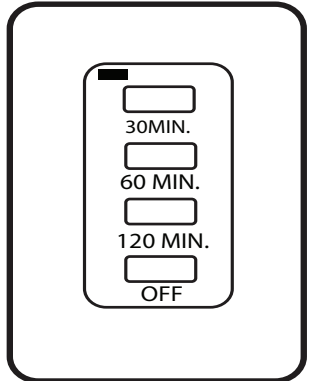


Fig. 12 Wiring Diagram

OPTIONAL ACCESSORIES

The following accessories are available from your local Skytech dealer/distributor. Each accessory comes with a separate installation manual. Read each instruction thoroughly before installing.

<p>MODEL: 1322WT Wireless wall switch with ON/OFF/ HI/LO</p> 	<p>MODEL: 1001-DTX Wireless wall switch with ON/OFF ONLY</p> 	<p>MODEL: TMR-AF1TX 4-Button Timer with 30/60/120/OFF Minutes</p> 
<p>MODEL: SSB19DSI LP Natural Gas to LP Gas Conversion Kit used with 19/20-inch fire pits</p>	<p>MODEL: SSB25DSI LP Natural Gas to LP Gas Conversion Kit used with 25/26-inch fire pits</p>	<p>MODEL: AF-4000ADP24 120 Volt adapter converts to 6DCV to eliminate batteries with fire pits</p>

FCC REQUIREMENTS

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

FOR TECHNICAL SERVICE CONTACT:

Skytech
9230 Conservation Way
Fort Wayne, IN 46809

1- (888) 672-8929
Fax (260) 459-1592
WEB SITE: www.skytechsystem.com

WARRANTY

The warranty for the Skytech Outdoor Fire Pits is (5) five years on only the Stainless Steel Components for the original owner, and this warranty is not transferable. Should any of the Stainless Steel components fail because of the workmanship or material for the original date of purchase. Skytech will repair or, at Skytech option, replace the defective components.

Skytech warranties all non-stainless steel components for one year to the original owner in commercial applications. This would be the gas valve, electric module and all other components. This warranty is covering component failure for workmanship or material for the original owner.

This warranty does not cover claims, which do not involve defective workmanship or materials. Damage to the Skytech Outdoor Fire Pits caused by accident, misuse, abuse, or installation error, whether performed by a contractor, Service Company, or owner, is not covered by this warranty. Modification of the Skytech product will void this warranty.

IN NO EVENT SHALL SKYTECH BE LIABLE FOR INCIDENTAL AND CONSEQUENTIAL INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. THIS WARRANTY SUPERSEDES ALL OTHER ORAL OR WRITTEN WARRANTIES.

Some states do not allow the exclusion or limitation of incidental and consequential damages or limitation on how long and implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights and you may have other rights, which vary from state, province, and nation.

Warranty claim process will start with all of this information. Skytech will reserve the right to physically inspect the product for defects, by authorized representatives.