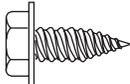


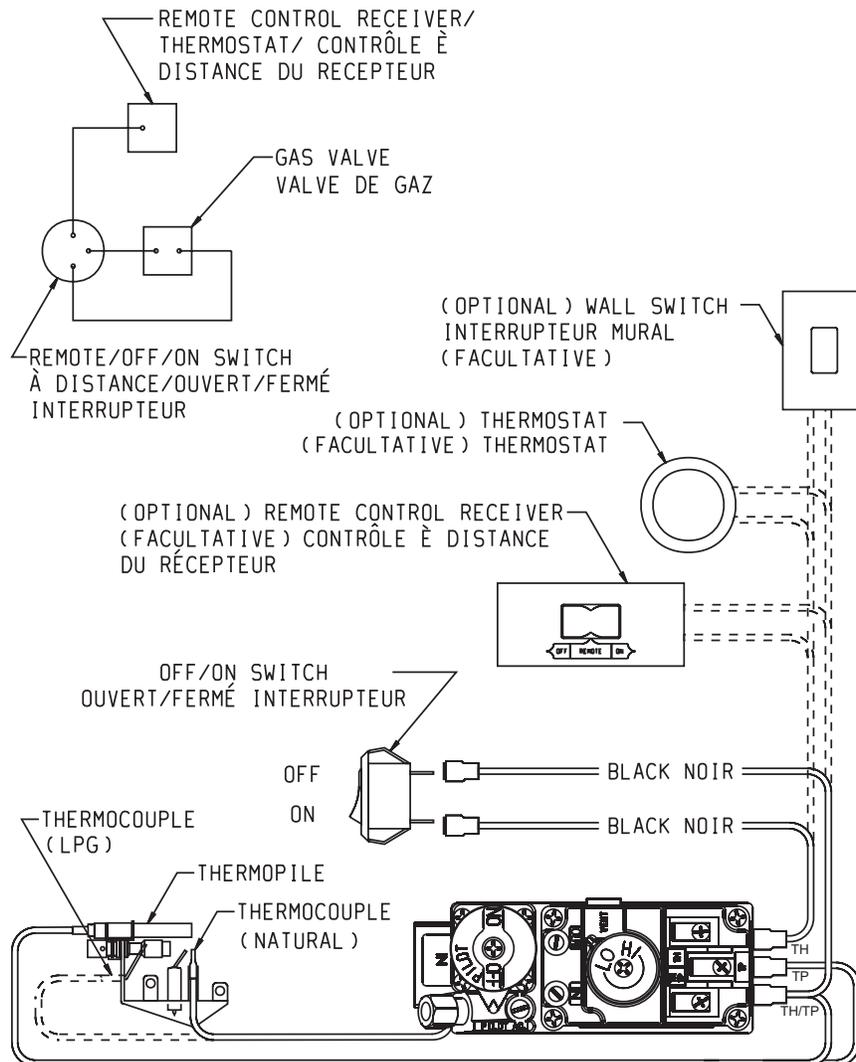
INSTALLATION INSTRUCTIONS VALVE REPLACEMENT KITS

FOR USE ON: VFSR BURNER ASSEMBLIES (ONLY)

INSTRUCTIONS MUST BE LEFT WITH THE OWNER FOR FUTURE REFERENCE AFTER INSTALLATION.

VALVE REPLACEMENT KITS			
KIT 26438 FOR USE ON	KIT 26439 FOR USE ON	KIT 26440 FOR USE ON	KIT 26441 FOR USE ON
VFSR16NAT	VFSR16LP	VFSR(18,24,30)NAT	VFSR(18,24,30)LP

SCREWS PROVIDED	
  #10 X 1/2" HEX: QTY(4)	  #10-24 X 5/16" HEX: QTY(5)



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THIS UNIT MUST BE REPLACED, IT MUST BE REPLACED WITH NO. 18, 150°C WIRE OR ITS EQUIVALENT.

WIRING DIAGRAM

1. Disconnect gas per the instructions in the Owner's Manual. Remove logs and set aside. Remove burner from fireplace.
2. Remove rear log shelf by lifting up.
3. Use a wrench to remove main gas line from valve and burner. Discard gas line.
4. **For Propane Units:** Remove pilot gas line from pilot and valve and discard.
For Natural Units: Remove pilot gas line from pilot regulator to valve and discard.
5. Remove thermocouple and thermopile wires from valve. Do NOT remove from pilot.
6. Disconnect ignitor wire at white plug on gas valve. Remove thermostat, remote or switch wires from valve TH/TP and TH terminal.
7. If lighting plates are attached to the valve unhook chain and discard plates. Retain chain for future use.
8. Securely hold valve and remove the brass fitting. Retain fitting for future use.
9. Remove two screws securing valve/burner leg to burner. Retain screws for future use.
10. Remove plastic plug and install main burner brass fitting removed in step 8 into side of Dexen valve. Use thread sealant to secure. **See Figure 2.**
11. Remove plastic plug in valve and install elbow into top of valve. Use thread sealant to secure.
NOTE: Elbow should be angled slightly to the right of center on the valve. **See Figure 1.**
12. Attach valve bracket onto valve. Secure to valve with three (3) 10 x 5/16" self tapping screws (provided). **See Figure 2.**
13. Attach valve bracket to burner leg with four 10 x 1/2" hex head screws provided. The top two screws from inside of leg, bottom two screws from outside of leg and under valve. **See Figure 2.**
14. Attach burner leg to burner with screws removed in Step 9. **See Figure 3.**
15. Install Piezo bracket with two (2) 10 x 3/8" self tapping screws provided to outside of valve. **See Figure 3.**
16. Slide Piezo into bracket. Button faces out. **See Figure 3.**
17. Connect ignitor wire to Piezo. **See Figures 4 and 5.**
18. Screw in thermocouple to rear of valve. **See Figures 4 and 5.**
19. Attach thermopile to TH/TP and TP screws on front of valve. See Wiring Diagram on Page 1.
20. Attach thermostat, remote or switch wires from valve to TH/TP and TH terminal. See Wiring Diagram on Page 1.
21. Attach main gas line to valve and burner. The line will go through the hole in the valve/burner leg. Tighten the nuts. **See Figures 4 and 5.**
22. **For Propane Units:** Pilot tube is one piece. Attach to fitting on valve. Make sure fitting is fully set. Tighten fitting to secure pilot. Install other end to pilot and secure nut. **See Figure 4.**
For Natural Units: Install new tubing into regulator and into valve. Once the tubes are properly placed, tighten the fittings. **See Figure 5.**
23. Install burner into fireplace and reconnect gas per the Owner's Manual. Check all fittings for leaks with a soapy water solution. NEVER check for gas leaks using a flame.
24. Attach new lighting instruction plate to chain removed in Step 7. Reconnect the chain to the valve.
25. Install rear log support and logs per Owner's Manual.

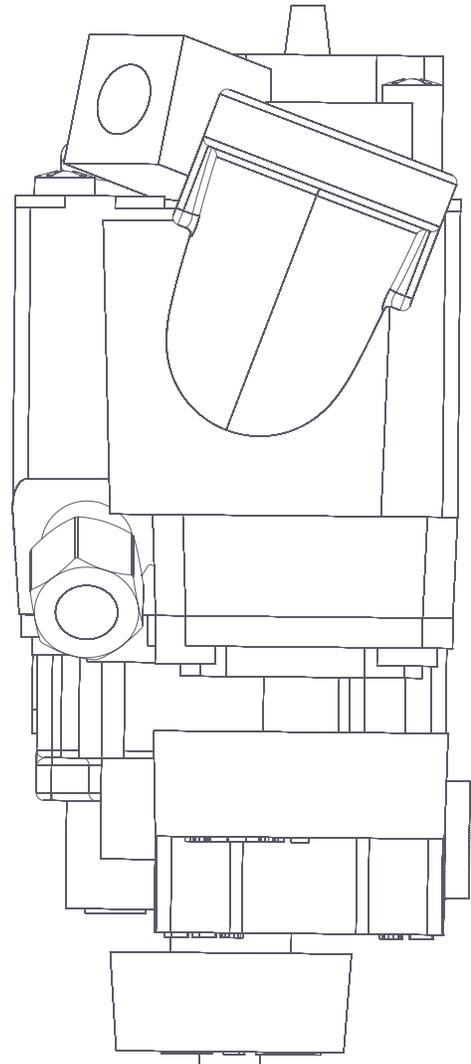


Figure 1

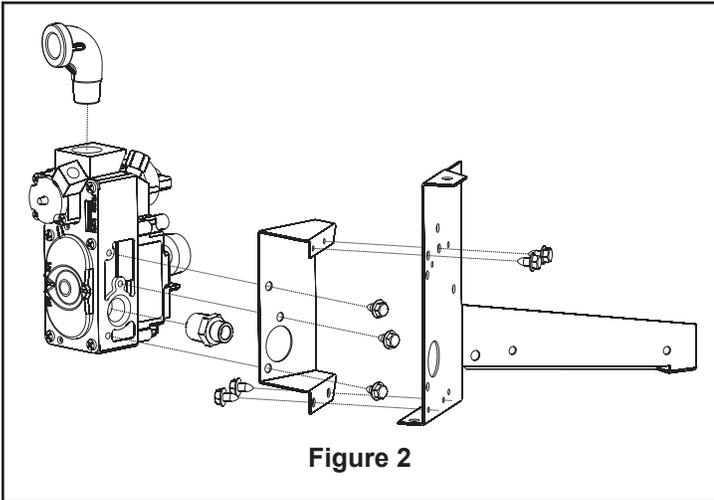


Figure 2

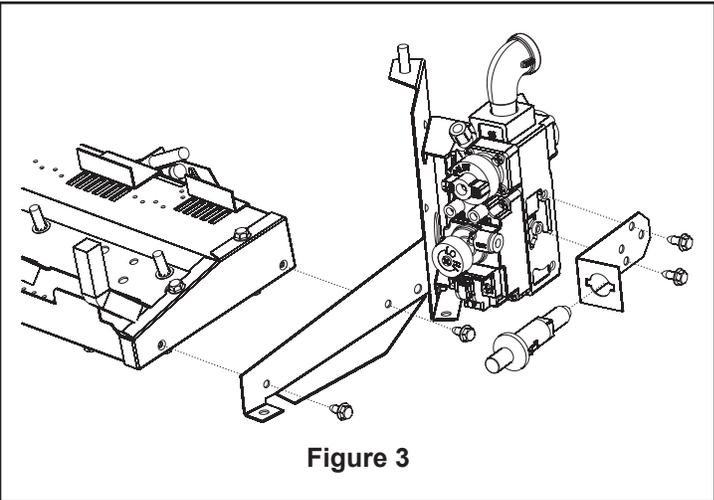


Figure 3

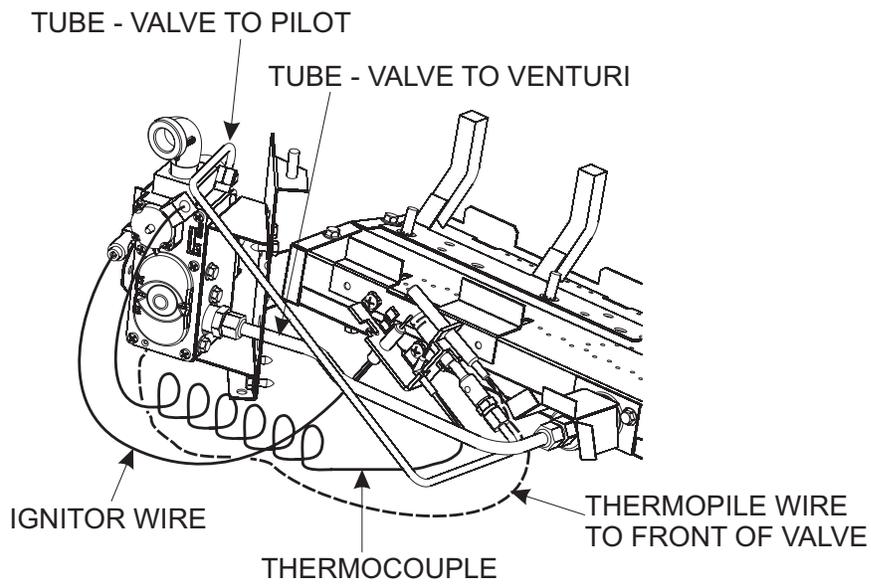


Figure 4 - PROPANE

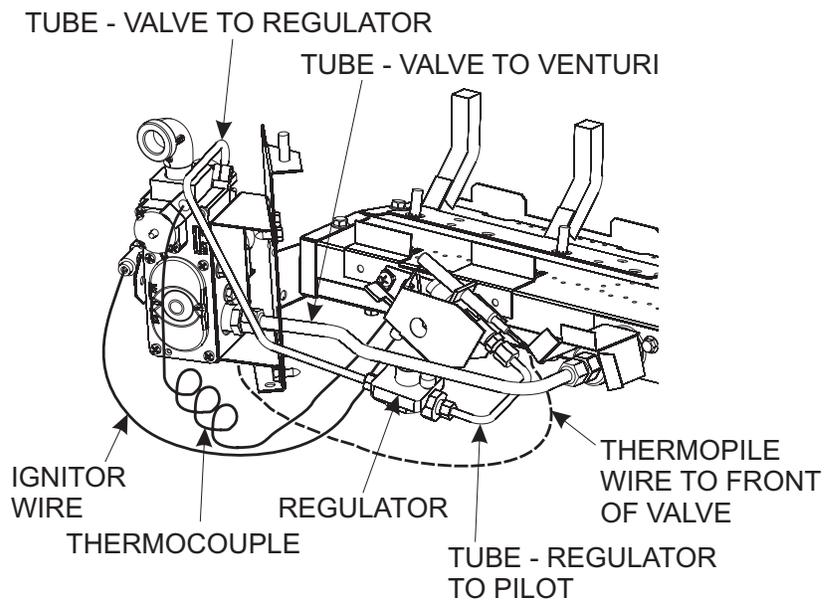
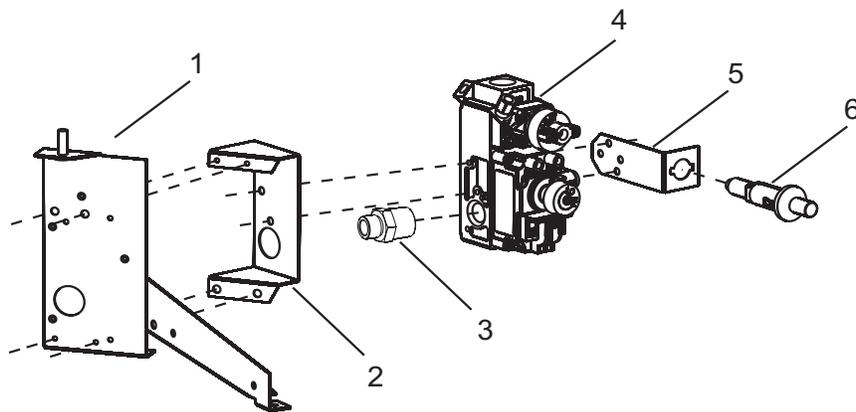


Figure 5 - NATURAL

INDEX NO.	PART NO.	DESCRIPTION
1	26321	VFSR-16 Burner Support-Right Assembly
1	26291	VFSR(18,24,30) Burner Support - Right Assembly
2	26294	Valve Bracket
*3	R2423	Connctor, Male 5/16 X 3/8 NPT
4	R10405	Valve, Natural Gas
4	R10406	Valve, Propane Gas
5	26304	Ignitor Bracket
6	R9761	Piezo Ignitor
* Not included with kit. Remove from old valve.		

INDEX NO.	PART NO.	DESCRIPTION
Not Shown	26437	Hardware Package
Not Shown	R10882	Street Elbow
Not Shown	R10404	Lighting Instruction Plate
Not Shown	26332	Tubing Assembly-Valve to Burner
Not Shown	26330	Pilot Tubing, Valve to Regulator - Natural only
Not Shown	26331	Pilot Tubing, Valve to Pilot - Propane only



HOW TO ORDER REPAIR PARTS

Parts Not Under Warranty

Parts can be ordered through your Service Person, Dealer, or a Master Parts Distributor. See the Master Parts Distributors list in Owner's Manual. For best results, the **service person or dealer** should order parts through the distributor. Parts can be shipped directly to the **service person/dealer**.

Warranty Parts

Warranty parts will need a proof of purchase and can be ordered by your Service Person or Dealer. Proof of purchase is **required** for warranty parts.

All parts listed in the Parts List have a Part Number. When ordering parts, first obtain the Model Number from the name plate on your equipment. Then determine the Part Number (**not** the Index Number) and the Description of each part from the following appropriate illustration and list. Be sure to give all this information . . .

Appliance Number _____

Part Description _____

Appliance Serial Number _____

Part Number _____

Type of Gas (Propane or Natural) _____

Do not order bolts, screws, washers or nuts. They are standard hardware items and can be purchased at any local hardware store. Shipments contingent upon strikes, fires or causes beyond our control.



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If you have a general question about our products, please e-mail us at info@empirecomfort.com.

If you have a service or repair question, please contact your dealer.