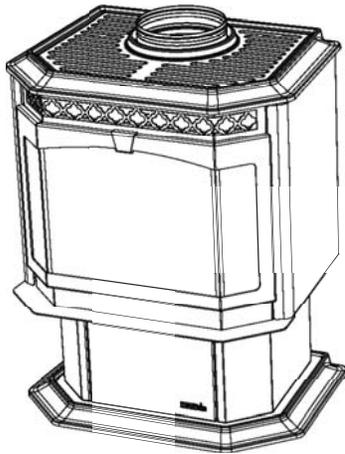


HEAT & GLO™

Where everything comes together

SERVICE PARTS and EXPLODED DRAWINGS MISSION BAY GAS APPLIANCE



SPECS

	Maximum Input BTU	Minimum Input BTU	Orifice Size (DMS)	Steady State Efficiency* %	P4** %
Natural Gas	30,000	22,000	36	84	66.4
Propane	30,000	23,000	52	85	67.81

*Maximum Vent Blower On

**Canada Only

TESTING STANDARDS

MODEL:	Mission Bay
LABORATORY:	OMNI Test Laboratories, Inc
REPORT NO.	061-S-49-5
TYPE:	Direct Vent Gas Heater
STANDARD:	ANSI Z21.88b-2001 · CSA 2.33b-M01 · UL307b-CAN/CBA 2.17-M91

STATE APPROVALS

STATE	APPROVAL #
Massachusetts	G3-1203-35

WARRANTY*

Unit Construction Basic Warranty:	1 year, labor 1 year
Items covered:	Firebox, heat exchanger, log(s), and burner during period product is owned by original owner.
Conditions, Exclusions, and Limitations:	Warranty applies to original owner only, is nontransferable, and only to products installed in the U.S. or Canada. Limited to replacement or repair of defective components or workmanship; maximum amount recoverable limited to purchase price of appliance. If unable to repair or replace, full refund or purchase price instead.
Items NOT Covered:	Components and parts made by other manufacturers, whether sold with the product or thereafter, unless authorized by Heat & Glo in writing. Spillage caused by environmental conditions, inadequate venting, excessive offsets or negative air pressure caused by mechanical systems.
Warranty VOID if:	Product not installed, operated, and maintained in compliance with local building codes and as instructed by Installer's Guide, Owner's Manual, and Listing Agent identification label furnished with product; any unauthorized service work; damage due to shipping, improper handling, accident, abuse or misuse; fuels other than specified in Installer's Guide and Owner's Manual; unauthorized and unapproved modifications.

*The above is only an excerpt of the warranty policy and in no way represents nor intends to represent the entire warranty policy. Please refer to the Heat & Glo Hearth & Home Technologies written warranty policy for a complete statement of the terms of the warranty.

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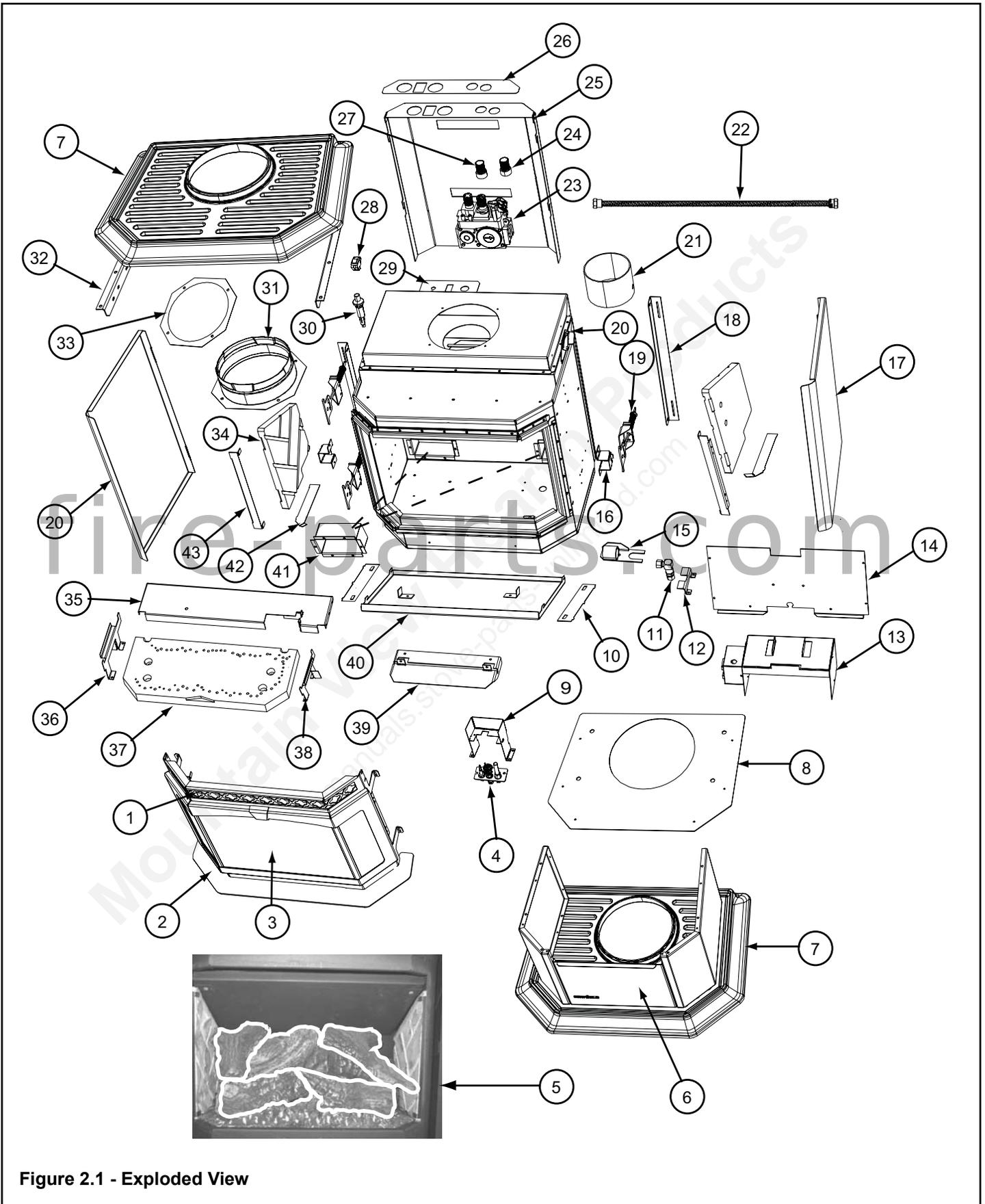


Figure 2.1 - Exploded View

SCHEMATIC LIST

*			*		
Item	Description	Mod?	Item	Description	Mod?
1	Grille		23	Valve, Gas	
2	Door Assembly	Yes	24	Extension Knob S.I.T. ON/OFF	
3	Glass Assembly (3 Piece)		25	Valve Cover	
4	Pilot Assembly, NG		26	Dashboard Label	
5	Log Set		27	Extension Knob S.I.T. HI/LO	
6	Pedestal Door	Yes	28	Switch, Rocker, ON/OFF	
7	Top or Bottom Cast		29	Valve Bracket	Yes
8	Pedestal Base		30	Igniter, Piezo	
9	Pilot Bracket	Yes	31	Adapter, DV (6-5/8 in.)	
10	Hangar, Baffle		32	Top Support	
11	Bulkhead		33	Gasket, Elbow	
12	Bulkhead Stop		34	Brick Assembly	Yes
13	Blower Bracket		35	Burner Pan	
14	Blower Housing	Yes	36	Burner Support Kit (Left)	Yes
15	Air Shutter Assembly	Yes	37	Burner Assembly	
16	Magnet Bracket		38	Burner Support Kit (Right)	Yes
17	Curtain, Side (Left or Right)		39	Face Support	
18	Curtain Mount (Left or Right)		40	Baffle Assembly	
19	Latch Assembly		41	Intake Tube	
20	Damper Stop		42	Brick Shelf, Side (Left or Right)	Yes
21	Adapter, DV (4 in.)		43	Brick Retainer	
22	Flex Line, 3/8 Flare x 22L				

*** If part has been modified, please refer to the Service Parts List for details.**

Service Parts

Beginning Manufacturing Date: 7-17-02

Ending Manufacturing Date: _____

IMPORTANT: THIS IS DATED INFORMATION. The most current information is located on the Heat & Glo web site at www.heatnglo.com. When ordering, supply serial and model numbers to ensure correct part.


**STOCKED
AT DEPOT**

Item #	Part Description Alphabetical Order	SKU	CHANGE / NOTES	SN # & Date	Retro?	SUPERSEDE / COMMENTS	
31	Adapter, DV (6-5/8 in.)	7000-162	Added to appliance.	2-25-05		ECO 50236.	
21	Adapter, DV (4 in.)	200-2470					
	Air Shutter Assembly		Changed from 1/2" pem stud to 1"	3-25-03	Yes	Kept same SKU. ECO 45043.	
17	Air Shutter Assembly	468-5060	Replaced 1/4-20 nut with wing nut to make more installer friendly.	4-11-05	Yes	Kept same SKU. ECO 50812.	
40	Baffle Assembly	842-4051					X
	Baffle Retainer	457-0580					
13	Blower Bracket	479-0130					
14	Blower Housing	479-0090	Removed prepunched air slots not needed for sufficient air supply.	1475596 3-25-03	Yes	Kept same SKU. ECO 44675.	
34	Brick Assembly	BRICK -MB	Added screw relief.	1476690 7-26-05	Yes	Kept same SKU. ECO 50442.	
43	Brick Retainer	479-0190					
42	Brick Shelf, Side (Left or Right)	Not replaceable.	Added tab to aid in positioning of burner.	5-6-05	Yes	Kept same SKU. ECO C2638.	
11	Bulkhead	26457	SKU management.	4-8-05	Yes	844-2550 retired. Supersede to 26457. ECO 51220.	
12	Bulkhead Stop	474-0090					
37	Burner Assembly	BRNR-MB					X
35	Burner Pan	474-0080					
36,38	Burner Support Kit (Left and Right)	842-5190	Changed brick shelf and burner support bracket to correctly position burner.	1475787 9-25-03	Yes	Kept same SKU. ECO 46761.	
	Component pack (Includes warranty card, ON/OFF valve, mineral wool, touch-up paint and Owner's manual)	479-5120					
	Conversion Kit, LP	LPK-MB					
	Conversion Kit, NG	NGK-MB					
18	Curtain Mount (Left or Right)	479-0110					
17	Curtain, Side (Left or Right)	479-0150					
20	Damper Stop	Not replaceable.					
26	Dashboard Label	250-6171					
	Door Assembly		Added clearance to glass frame to allow new H channel to work properly with the center glass.	1476035 12-8-03	Yes	Kept same SKU. ECO 47224.	
2	Door Assembly	DOOR-MB	Modified outer rope retainer to fit better.	4-12-05	Yes	Kept same SKU. ECO 50930.	X

Service Parts

Beginning Manufacturing Date: 7-17-02
Ending Manufacturing Date: _____

IMPORTANT: THIS IS DATED INFORMATION. The most current information is located on the Heat & Glo web site at www.heatnglo.com. When ordering, supply serial and model numbers to ensure correct part.



**STOCKED
AT DEPOT**

Item #	Part Description Alphabetical Order	SKU	CHANGE / NOTES	SN # & Date	Retro?	SUPERSEDE / COMMENTS	
	Electrode, S.I.T., EZ, Flush	842-4580					X
27	Extension Knob S.I.T. HI/LO	571-533	SKU management.	4-20-05	Yes	842-4950 retired. Supersede to 571-533. ECO51102.	
24	Extension Knob S.I.T. ON/OFF	571-534	SKU management.	4-20-05	Yes	842-4960 retired. Supersede to 571-533. ECO51102.	
39	Face Support	474-0260					
	Flex Line, 3/8 Flare x 22L		Added 24" AGA/CSA approved flex to appliance and shut-off valve, to comply with building code.	7-2-04		ECO 48817.	
22	Flex Line, 3/8 Flare x 22L	7000-197	SKU management.	4-8-05	Yes	844-5810 retired. Supersede to 7000-197. ECO 51102.	X
33	Gasket, Elbow	460-0610					
3	Glass Assembly (3 piece)	GLA-MB					X
1	Grille, Matte Black	479-0030					
10	Hanger, Baffle	452-0030					
30	Igniter, Piezo	230-0612	SKU management.	5-6-05	Yes	842-0361 retired. Supersede to 230-0612. ECO 51220,	
41	Intake Tube	460-0520					
	Intake Plenum, Bottom	474-0060					
	Intake Plenum, Top	474-0070					
	Junction Box Assembly	040-250A	Wire harness lengthened from 20" to 28".	1476136 3-5-04	Yes	Kept same SKU. ECO 47867.	X
19	Latch Assembly	452-5070					
5	Log Set	LOGS-MB					X
16	Magnet Bracket	479-0160					
8	Pedestal Base	479-0060					
6	Pedestal Door	474-0190	Holes added for logo attachment.	5-5-03	Yes	Kept same SKU. ECO C3157.	
4	Pilot Assembly, NG	842-4940					X
	Pilot Bracket		Modified so it can't be installed wrong.	12-16-03	Yes	Kept same SKU. ECO 47271.	
9	Pilot Bracket	474-0100	Added pilot shield to pilot bracket.	5-17-05	Yes	Kept same SKU. ECO 51192.	
	Pilot Injector, LP	200-2630	SKU management.	5-6-05	Yes	842-4270 retired. Supersede to 200-2630. ECO 51220.	X
	Pilot Orifice, LP (.063)	17236					X

Service Parts

Beginning Manufacturing Date: 7-17-02

Ending Manufacturing Date: _____

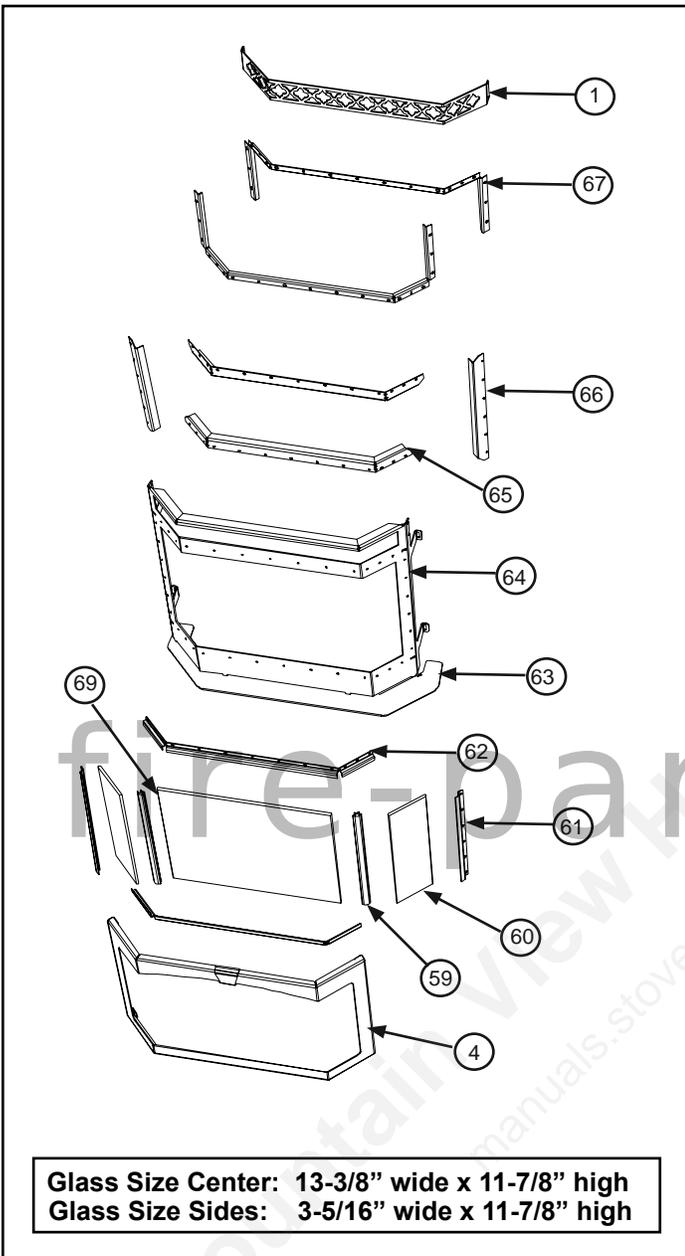
IMPORTANT: THIS IS DATED INFORMATION. The most current information is located on the Heat & Glo web site at www.heatnglo.com. When ordering, supply serial and model numbers to ensure correct part.


**STOCKED
AT DEPOT**

Item #	Part Description Alphabetical Order	SKU	CHANGE / NOTES	SN # & Date	Retro?	SUPERSEDE / COMMENTS	
	Pilot Orifice, NG (.106)	19837					X
	Rheostat Assembly	100-510A					X
	Snap Disc (Temp Sensor)	107-531					X
28	Switch, Rocker, ON/OFF	230-0730	SKU management.	5-6-05	Yes	842-0320 retired. Supersede to 230-0730. ECO 51220.	
	Thermocouple, 34 in.	200-2950	SKU management.	6-29-05	Yes	842-5170 retired. Supersede to 200-2950. ECO 51724.	X
	Thermopile	842-0250					X
7	Top or Bottom Cast	479-0170					
32	Top Support	479-0120					
29	Valve Bracket	474-0230	Changed slot pattern.	4-13-05	Yes	Kept same SKU. ECO 50987.	
25	Valve Cover	474-0240					
23	Valve, Gas, LP	842-0230					X
23	Valve, Gas, NG	842-0240					X
	Wire Harness	7010-156	Lengthened from 20" to 28".	1476136 1-29-04	Yes	ECO 47867.	

Accessories

Part Description	SKU
Blower Assembly	GFK-160A
Door Crown, Gold	MB-GD
Grille, Gold	MB-GP-GRILLE
Smart Batt Remote 2 (Battery Receiver)	SMARTBATTHNG-B
Smart Stat Remote 2 (110V receiver)	SMART-STAT-HNG



Item	Description	*
1	Grille	
4	Door Crown	
59	H-Channel (Left and Right)	
60	Glass Assembly, Side	
61	Glass Frame, Short (Left and Right)	
62	Glass Frame, Long (Top and Bottom)	
63	Ashlip	
64	Face	
65	Rope Retainer, Inner, Long (Top and Bottom)	
66	Rope Retainer, Inner, Short (Left and Right)	
67	Rope Retainer, Outer (Top and Bottom)	
69	Glass Assembly, Center	

*** If part has been modified, please refer to the Service Parts List for details.**

**Figure 7.1 - Door Assembly #DOOR-MB
and Glass Assembly #GLA-MB**

COMPONENT LOCATIONS

DAMPER

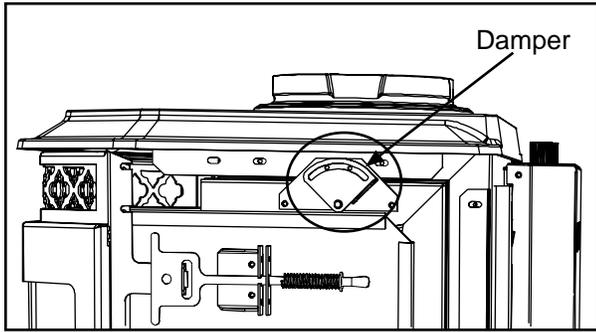


Figure 8.1

AIR SHUTTER (Bottom of firebox)

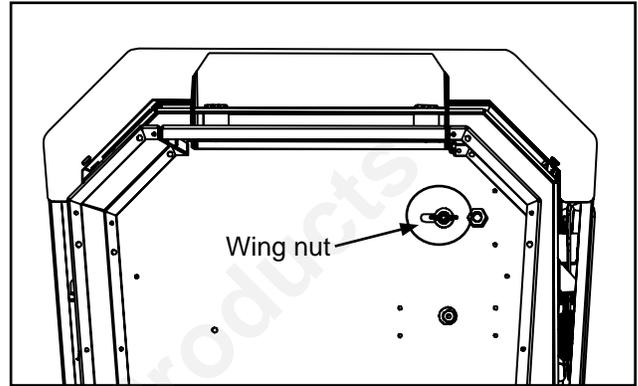


Figure 8.4

VALVE

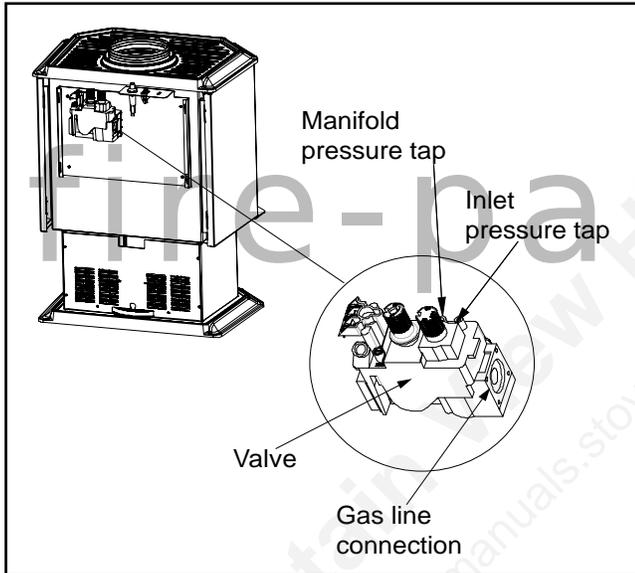


Figure 8.2

OPTIONAL BLOWER (Rear of appliance)

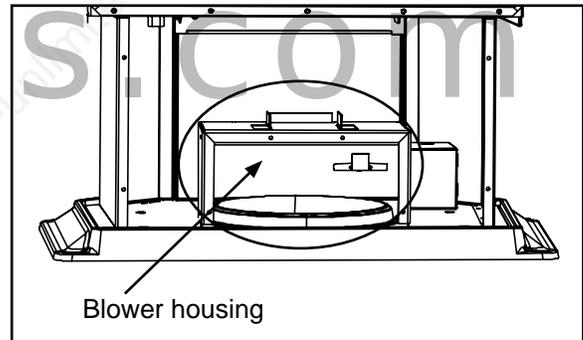


Figure 8.5

CONTROLS

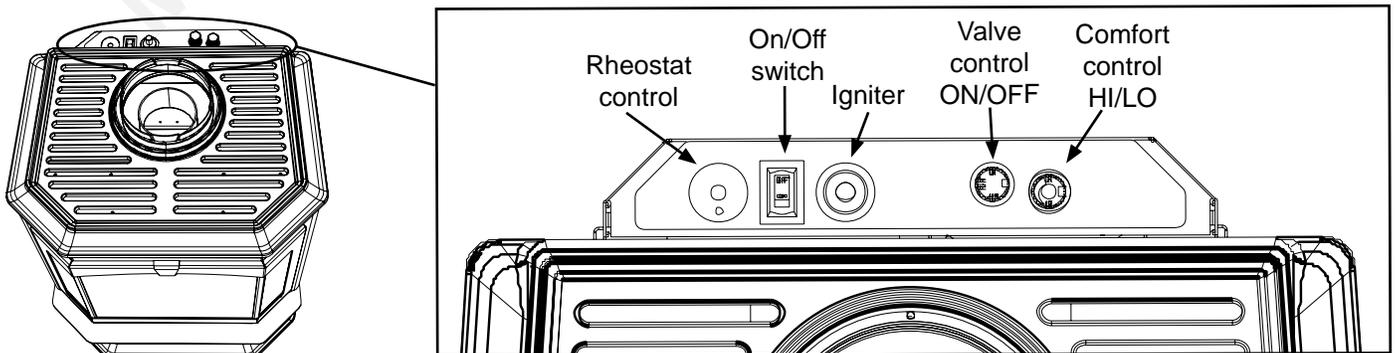


Figure 8.3

INSTALLATION DIAGRAMS

STANDING PILOT IGNITION SYSTEM WIRING

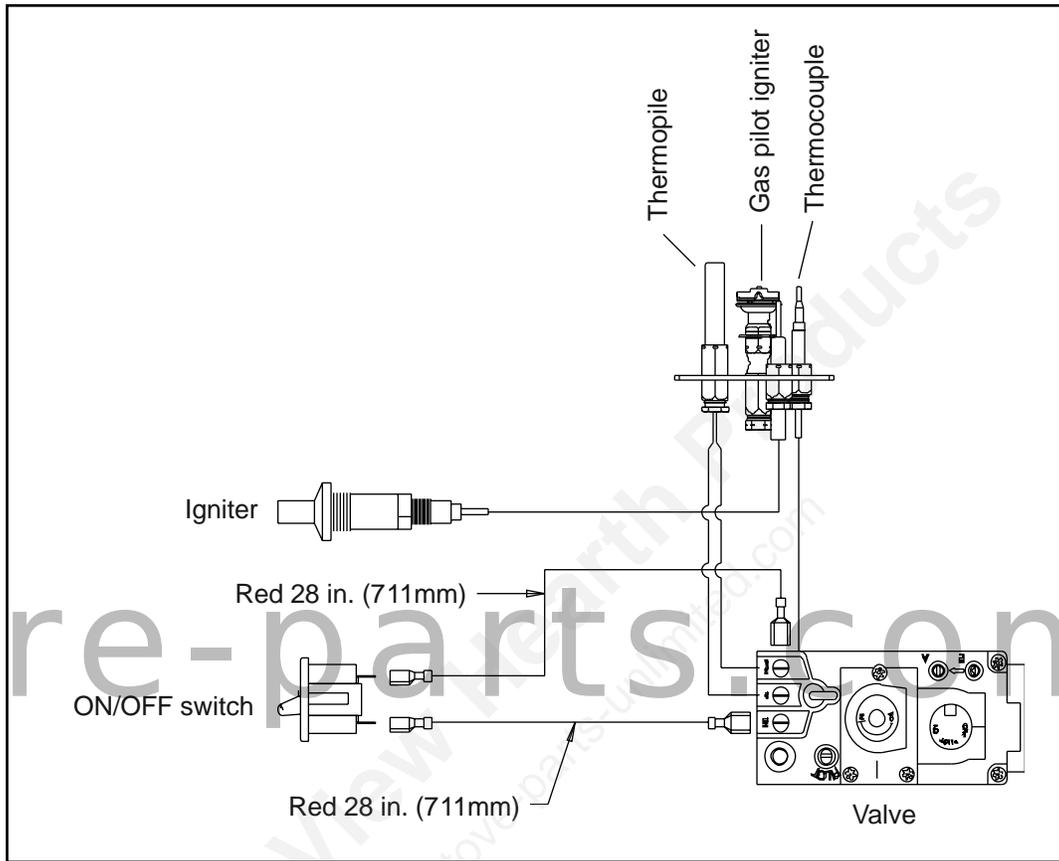


Figure 9.1

OPTIONAL BLOWER WIRING

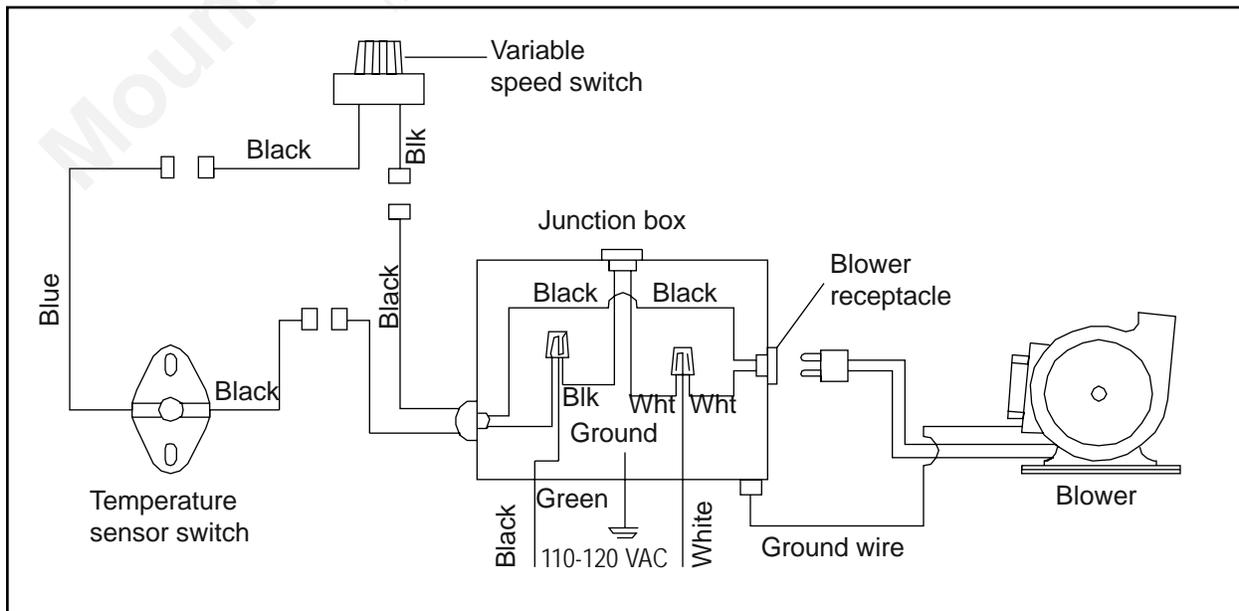


Figure 9.2

APPLIANCE SKU

SKU No.	Appliances	Begin Mfg	Begin SN	End Mfg	End SN	Comments
MISSION-BAY	Mission Bay FS	7-17-02	1475001			

PRODUCT HISTORY

Date	Serial No.	ECO	Description of Change
5-19-03	1475805	45179	Created a vertical pilot shield to prevent pilot from being blown out.
11-6-03	1475962	46516	Changed H-channel to stronger material.
10-2-03	1475787	46761	Change brick shelf and burner support bracket to position burner correctly.
3-18-04	1476136	47867	Create longer wire harness (Lengthened from 20" to 28").
7-1-04	none	48817	Added 24" AGA/CSA approved flex to appliance and shut-off valve, to comply with building code.
2-25-05	none	50236	New DV adapter and gasket replaced old adapter and gasket. New adapter uses 4 screws instead of 8.
7-26-05	1476690	50442	Add screw relief to Mission Bay brick.
4-25-05	none	50930	Modified outer rope retainer for better fit up.
7-22-05	none	52152	Serial number labels now have 007 prefix in front of number.