



Revision: RIHL-RIHN-RIHVL-RIHVN-RPL (09-25) REV-B
Supersedes: RIHL-RIHN-RIHVL-RIHVN-RPL (07-25) REV-A

REPLACEMENT PARTS FOR FOR GAS-FIRED HIGH-INTENSITY INFRARED HEATERS

MODELS RIHL, RIHN, RIHVL, AND RIHVN



TABLE OF CONTENTS

CONTROL COMPONENTS.....2
HEATER COMPONENTS3
ACCESSORIES/OPTIONS4

IMPORTANT

- Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
- In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here.
- Order by Part Number (PN) not by option designation.

WE RESERVE THE RIGHT TO SUBSTITUTE FUNCTIONAL REPLACEMENTS.

CONTROL COMPONENTS

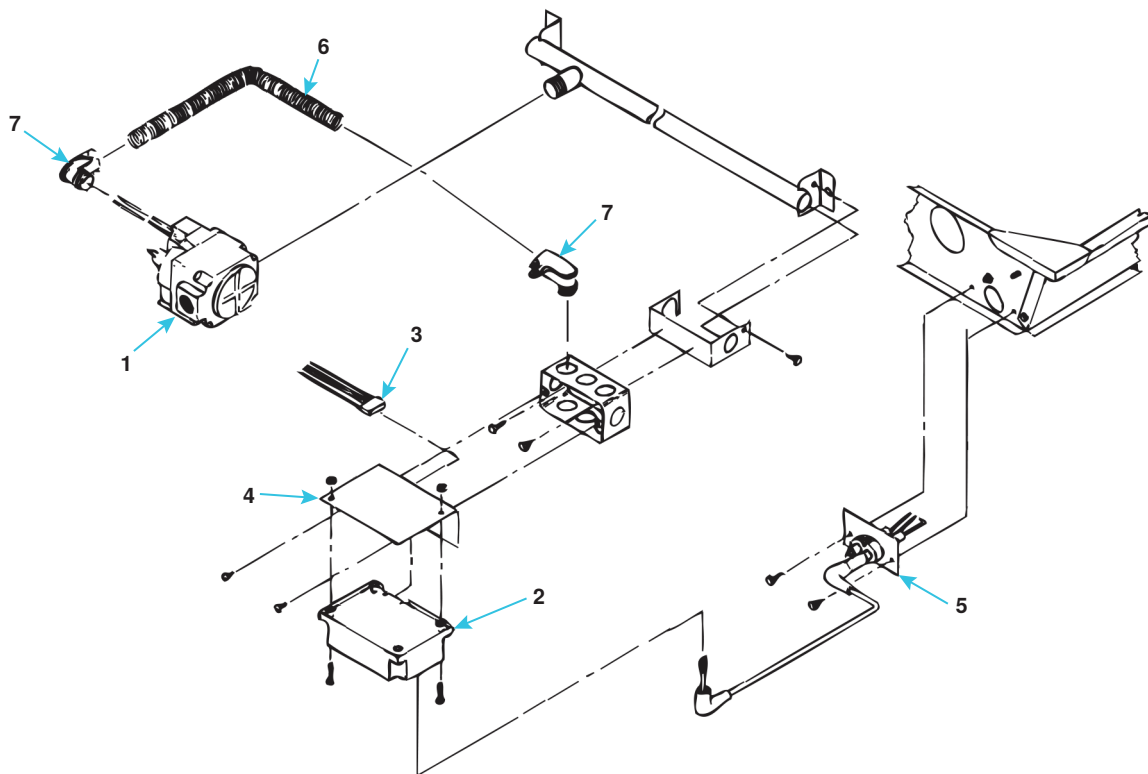


Figure 1. Control Components (Refer to [Table 1](#))

Table 1. Control Components					
Item No.	Component	Manufacturer's Model No.	PN	Model	Unit Size (MBTUh)
1	Two-stage natural gas valve, 24V, with LP conversion kit	—	1012520	All	All
	Single-stage natural gas valve, 120V, with LP conversion kit		271823		
2	Ignition detection control replacement kit, 24V	#0001-22-051-01	RZ1006151		
	Ignition detection control replacement kit, 120V	#0001-22-046	96010		
3	Wire harness	#132084, package R10	96011		
4	Ignition detection control mounting bracket	#000K-1-016	112045		
5	Ignitor	#0002-42-110	112046		
6	Conduit, 3/8-inch, with anti-short bushings	Greenfield #3802-95-300-01	112047	RIHN	30, 60
		Greenfield#3802-95-300-02	112048	RIHL	50
				RIHVL	90
		Greenfield #3802-95-300-03	112049	RIHVN	100
				RIHVL	120
7	Angle connector, 3/8-inch	Greenfield #3802-95-302	112051	RIHVN	150
				RIHVN	160, 200
8	Air flow switch (not shown)	#132081-2N, package R15	96016	All	All

HEATER COMPONENTS

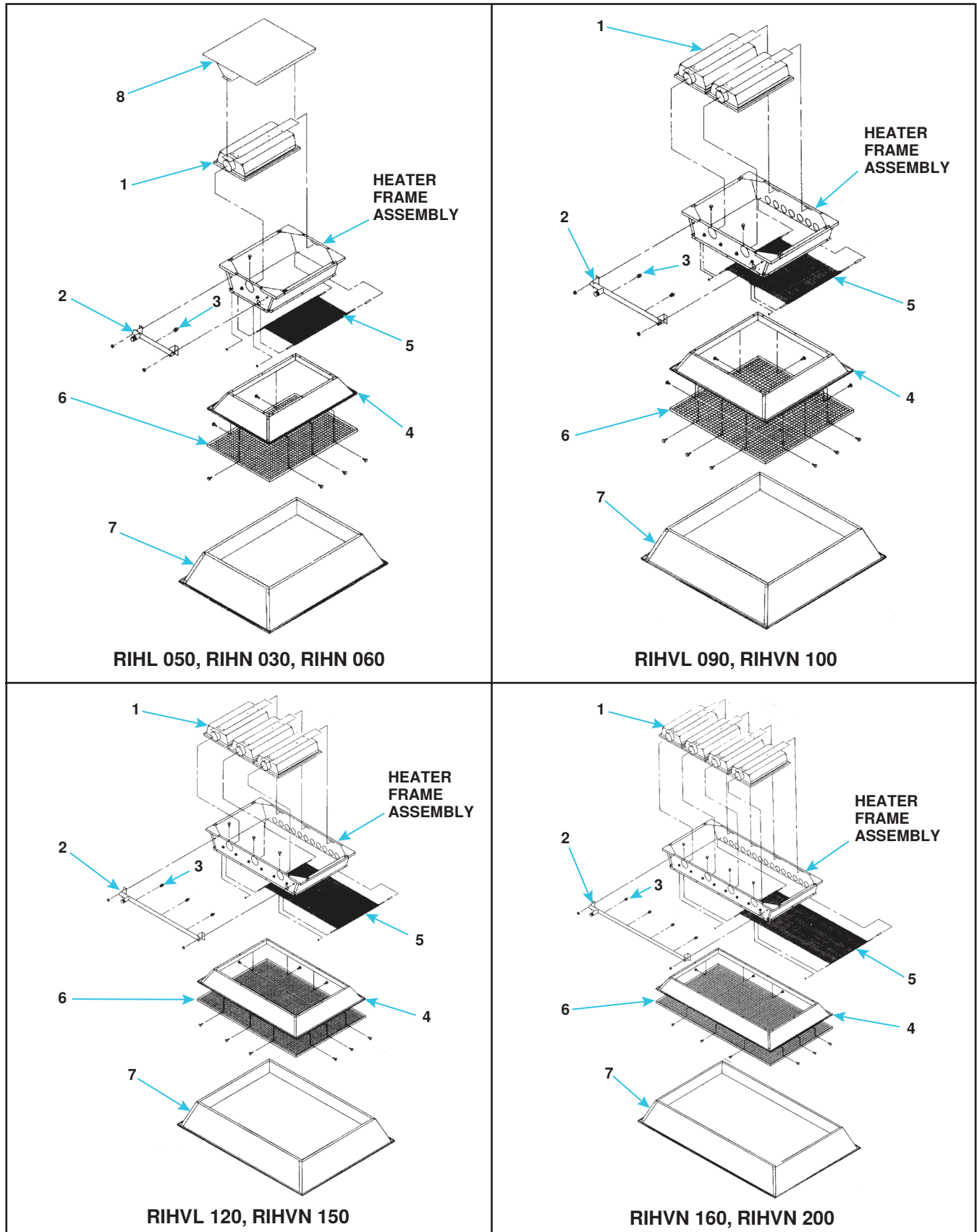


Figure 2. Heater Components (Refer to [Table 2](#))

HEATER COMPONENTS—CONTINUED

Table 2. Heater Components								
Item No.	Component	Model						
		RIHL	RIHN	RIHVL		RIHVN		
		Unit Size (MBTUh)						
		50	30, 60	90	120	100	150	160, 200
PN (Quantity)*								
1	Burner assembly, combustion chamber with tile	112052		112052 (2)	112052 (3)	112052 (2)	112052 (3)	112052 (4)
2	Gas manifold	112053		112054	112055	112054	112055	112056
3	Burner orifice	Refer to Table 3						
4	Standard reflector assembly	112057		112058	112059	112058	112059	112060
5	Wire grid (option DN2)	110246		110247	110248	110247	110248	110249
6	Protective screen (option DN3) used with standard reflector	115381		115382	115383	115382	115383	115384
	Protective screen (option DN6) used with parabolic reflector	112069		112070	112071	112070	112071	
7	Parabolic reflector (option DM2)	110242		110243	110244	110243	110244	110245
8	Heat shield (option DO2)	110250		110251	—	110251	—	
*Quantity is one (1) unless otherwise indicated.								

*Quantity is one (1) unless otherwise indicated.

Table 3. Burner Orifices								
Model								
RIHL	RIHN		RIHVL		RIHVN			
Unit Size (MBTUh)								
50	30	60	90	120	100	150	160	200
PN, Drill Size (Quantity)								
112103, #46 (1)	113191, #43 (1)	143574, #30 (1)	112104, 5/64-inch (2)	112105, #49 (3)	112102, #32 (2)	112102, #32 (3)	112709, #36 (4)	112102, #32 (4)

ACCESSORIES/OPTIONS

Table 4. Accessories/Options		
Option	Component	PN
CL34	Single-stage thermostat, 115/24V, 50–90°F (#132026-1)	110252
UE1	Chain, 50-foot, 200-pound, with 14 S-hooks	95995
UE2	Chain hanging kit	110253
UF2	Stainless flex connector, 24 × 7/8 OD, with 1/2-inch gas cock with pressure tap	96000

Table 5. Gas Conversion Kits									
Gas Conversion Type	Unit Size (MBTUh)								
	30	50	60	90	100	120	150	160	200
	PN (Kit No.)								
NG to LP	1013673 (50L)			1013674 (90L)		1013675 (120L)	1013675 (120L)	1013676 (160L)	
LP to NG	1013663 (30N)	1013664 (50N)	1013665 (60N)	1013666 (90N)	1013667 (100N)	1013668 (120N)	1013669 (150N)	1013670 (160N)	1013672 (200N)
								1013671 (160NQ)	

