
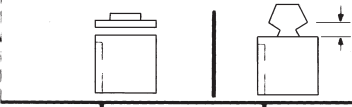



## HOW TO USE YOUR RAYPAK ILLUSTRATED PARTS LIST

The Model Number, of a Raypak boiler, is found on the Rating Plate for the Boiler. Each Model number identifies the application, the construction and the function of the boiler and provides a positive means of providing information, both installation and service, and parts in a minimum amount of time. The example, shown below, should be used as a guide to identifying your boiler.

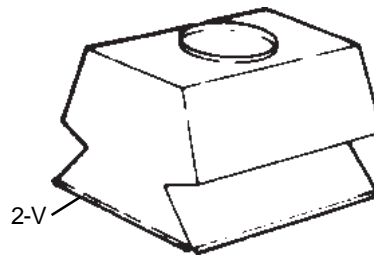
Model No: H3 - 1631

 <p><b>NATL. BD. 175968</b> CERTIFIED BY <b>RAYPAK, INC.</b> OXNARD, CALIFORNIA MAX W.P. WATER 160 PSI BTU/HR INPUT 1,630,000 MFR SERIAL NO 0010175968 MIN RELIEF VALVE CAP 1,337 LBS/HR HEATING SURFACE 129 SQ FT MAX WATER TEMP 250 °F</p>	<p style="text-align: center;"><b>HOT WATER BOILER</b> FOR INDOOR INSTALLATION ONLY</p> <p>MIN. CLEARANCES FROM COMBUSTIBLE CONSTRUCTION</p> <table style="width: 100%;"> <tr><td>RIGHT SIDE</td><td>24"</td></tr> <tr><td>LEFT SIDE</td><td>24"</td></tr> <tr><td>BACK</td><td>24"</td></tr> <tr><td>TOP</td><td>24"</td></tr> </table> <p>FOR SERVICING, PROVIDE AT LEAST 24" OF UNOBSTRUCTED CLEARANCE IN FRONT OF UNIT</p> <p>THIS BOILER SHALL BE INSTALLED IN A SPACE LARGE IN COMPARISON TO THE SIZE OF THE BOILER</p>	RIGHT SIDE	24"	LEFT SIDE	24"	BACK	24"	TOP	24"	<p>FOR INSTALLATION ON NON-COMBUSTIBLE FLOORS ONLY* * FOR INSTALLATION ON COMBUSTIBLE FLOORING ONLY WHEN INSTALLED ON SPECIAL BASE PART NUMBER</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">MODEL</td> <td style="width: 25%;">PART NO</td> <td style="width: 25%;">MODEL</td> <td style="width: 25%;">PART NO</td> </tr> <tr> <td>982</td> <td>059233</td> <td>1468</td> <td>059237</td> </tr> <tr> <td>1125</td> <td>059234</td> <td>1631</td> <td>059238</td> </tr> <tr> <td>1223</td> <td>059235</td> <td>1826</td> <td>059239</td> </tr> <tr> <td>1336</td> <td>059236</td> <td></td> <td></td> </tr> </table> <p>ALL OPENINGS MUST REMAIN UNOBSTRUCTED BLOCKING OPENINGS WILL DAMAGE UNIT</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">MODEL</th> <th style="width: 33%;">OUTDOOR KIT#</th> <th style="width: 33%;">INDOOR KIT#</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	MODEL	PART NO	MODEL	PART NO	982	059233	1468	059237	1125	059234	1631	059238	1223	059235	1826	059239	1336	059236			MODEL	OUTDOOR KIT#	INDOOR KIT#			
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<p>BTU/HR OUTPUT 1,336,600 BTU/HR INPUT 1,630,000 MIN INPUT RATE 0 BTU/HR GAS NAT MODEL NO H3-1631 CATEGORY 1 BOILER</p>  <p>ACCEPTED FOR USE CITY OF NEW YORK DEPARTMENT OF BUILDINGS MEAF# 407-88-E VOL II</p> <p>ANS Z21 13b-1994 LOW PRESSURE BOILER</p> <p>p/n 900808</p>	<table style="width: 100%;"> <tr> <td style="width: 33%;">MAX. PERMISSIBLE GAS SUPPLY PRESSURE</td> <td style="width: 33%;">NAT 14"W.C</td> <td style="width: 33%;">LPG 14"W.C</td> </tr> <tr> <td>MIN. PERMISSIBLE GAS SUPPLY PRESSURE FOR PURPOSE OF INPUT ADJUSTMENT</td> <td>7"W.C</td> <td>12"W.C</td> </tr> <tr> <td>MANIFOLD PRESSURE</td> <td>4"W.C</td> <td>11"W.C</td> </tr> </table> <p>ELECTRICAL RATING 120/24V 60 HZ. LESS THAN 12 AMPERES</p> <p>WHEN USED WITH POWER VENT TERMINAL NO. 005733 ELECTRICAL RATING WILL BE LESS THAN 20 AMPS, 120 VAC, 60 HZ</p>	MAX. PERMISSIBLE GAS SUPPLY PRESSURE	NAT 14"W.C	LPG 14"W.C	MIN. PERMISSIBLE GAS SUPPLY PRESSURE FOR PURPOSE OF INPUT ADJUSTMENT	7"W.C	12"W.C	MANIFOLD PRESSURE	4"W.C	11"W.C																										
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## Raytherm Type Designations

CURRENT TYPE DESIGNATION	FIRING MODE	OLD TYPE DESIGNATION	MODELS	CURRENT TYPE TEMPERATURE RANGE
H1	MECH MOD	T	133-1826	150-210
H2	MOTOR MOD	TA	514-4001	160-260
H3	TWO-STAGE	TB	181-4001	130-230
H4	ON/OFF	TC	181-4001	100-240
H5	LOW TEMP MOD	TD	400-1826	110-170
H6	MOTOR MOD	TX WITH B-3	514-4001	B6000*
H9	FOUR-STAGE	NEW	514-4001	-40-220
WH1	ON/OFF	WT, W1	133-4001	100-200
WH2	MECH MOD	THWS, W2	133-1826	110-170
WH2	MOTOR MOD	THWS, W2	2100-4001	104-220
WH3	TWO-STAGE	W3	181-4001	130-230
NH - Obsolete	MECH MOD (INSTANTANEOUS)	TIP OR THWS WITH TIP AT END OF S/N	514-1826	110-170
RH - Obsolete	MECH MOD	TIPR OR THWS WITH TIPR AT END OF S/N	514-1125	150-210
WH	ON/OFF - ECONOPAK	N/A	90-403	105-205
P	ON/OFF - POOL	WG	514-4001	40-105

Now find the part you need in the exploded view drawing. After you find the part you will notice a number and letter next to the part. See Drawing below. This is referred to as a "Call Out".



The number serves as a "Finder" number and has no specific part classification.

The letter serves as a "Part Class" identification number. The letters stand for specific groups of parts - see Example below.

- |                         |                   |
|-------------------------|-------------------|
| B - BURNER TRAY         | M - MISCELLANEOUS |
| C - CONTROLS            | P - PILOT         |
| G - GASVALVES           | R - REFRACTORY    |
| H - HEAT EXCHANGER      | S - SHEET METAL   |
| J - J-BOX (CONTROL BOX) | V - VENTING       |

To find the Raypak Part Number, refer to the parts list located on the page opposite to the exploded view drawing.

Now take the call-out you found in the exploded view and match it to the call-out in the left hand column. You will notice the parts are to groups. These are grouped into "Part Classes". See Example below.

Call-Out Column

CALL OUT	DESCRIPTION	185	265	335	405
<b>H</b>	<b>HEAT EXCHANGER</b>				
1-H	Heat Exchange Assy. Cast Iron (Complete)	005244F	005245F	005246F	005247F
	Heat Exchange Assy. Brass (Complete)	005248F	005249F	005250F	005251F
2-H	Inlet/Outlet Header CI	003759F	003759F	003759F	003759F
	Inlet/Outlet Header BR	003760F	003760F	003760F	003760F
3-H	Return Header CI	002450F	002450F	002450F	002450F
	Return Header BR	002451F	002451F	002451F	002451F
4-H	Tube Bundle	005252F	005253F	005254F	005255F
5-H	Heat Exchanger Tube (1)	005256F	005257F	005258F	005259F
6-H	Baffle Kit (8)	005260F	005261F	005262F	005263F
7-H	Bolt Kit	001303F	001303F	001303F	001303F
8-H	Header Gasket (9)	800014B	800014B	800014B	800014B
9-H	Unitherm Governor	062234B	062234B	062234B	062234B
10-H	U.G. Retainer Spring	850254	850254	850254	850254
11-H	Bypass Valve	062235B	062235B	062235B	062235B
12-H	Bypass Spring	850252	850253	850253	850253
13-H	Drain Valve	500719	500719	500719	500719
14-H	Sensor Well	003765F	003765F	003765F	003765F
15-H	Well Retaining Clip	300203	300203	300203	300203
16-H	Inlet & Outlet Flange	003766F	003766F	003766F	003766F
17-H	Flange Gasket 1 1/2" Connections	062236B	062236B	062236B	062236B
	Flange Gasket 2" Connections	800080B	800080B	800080B	800080B
18-H	Rear Drain Plug & Cover	005264F	005264F	005264F	005264F

H Class

You will also notice that some of the call-out's are indented. The indentations represent parts that are included in the assemblies listed directly above the indentation. You can order the complete assembly or the indented parts separately. If the part or assembly does not offer separate parts there will be no indentations.

- |                            |      |                          |
|----------------------------|------|--------------------------|
| Assembly                   | 6-B  | Burner Tray w/Burners    |
|                            | 7-B  | Manifold - Lower         |
| Parts included in Assembly | 8-B  | Manifold - Upper         |
|                            | 9-B  | Burner Hold Down Bracket |
|                            | 10-B | Burner Spacer            |

