

Selecting the right size Raypak heater for your pool or spa requirements

Model		Temperature Rise per Hour (Spa)				Temperature Rise over 24 Hours (Pool)				
		Spa Volume (Litres)				Pool Surface Area (m2)				
		2000	3000	4000	5000	20	40	60	80	100
131 Spartan	Outdoors only	10°	6°	5°	4°					
127 Premium	Indoors & Outdoors	10°	6°	5°	4°					
167 Premium	Indoors & Outdoors	14°	9°	7°	6°					
200 Residential	Indoors & Outdoors	17°	12°	9°	7°	21°	15°	10°	8°	6°
280 Residential or Premium	Indoors & Outdoors	25°	17°	12°	10°	26°	20°	14°	10°	8°
350 Residential	Indoors & Outdoors	32°	21°	16°	12°	32°	25°	18°	13°	10°
430 Residential or Premium	Indoors & Outdoors	38°	26°	19°	15°	34°	27°	20°	15°	12°

Specifications

Model	Nominal Rating				Approximate Dimensions				Connections		Indoor Installations	
	Natural Gas		Propane Gas		All Models				Gas	Water		
	Input MJ/h	Output k/W	Input MJ/h	Output k/W	Height mm	Width mm	Depth mm	Weight kgs	mm	mm	Flue Diameter mm	Height Overall mm
131 Spartan	120	24	117	24	860	440	650	35	20	40	NA	NA
127 Premium	110	25	103	23	895	580	280	42	20	40	125	1100
167 Premium	163	36	154	34	905	390	610	67	20	40	150	1470
200 Residential	196	44	185	41	1580	530	650	70	20	50	175	1550
280 Residential or Premium	278	62	261	58	1085	640	650	75	8°	50	200	1550
350 Residential	343	76	323	72	1085	730	650	85	10°	50	225	1605
430 Residential or Premium	420	94	369	88	1085	870	650	90	12°	50	250	1605

Raypak Accessories

Remote Controller

The Raypak pool & spa heater remote controller can be either surface or flush mounted indoor or outdoors. By installing the remote control inside your house you do not have to go outside to operate your heater or check the water temperature. Easy to use push button controls make adjustments of temperature simple and allows for separate temperature settings for your pool & spa. In addition, the remote is capable of communication with the Raypak Equipment Interface Box for control of other pool, spa or landscaping equipment, such as pool or garden lights and water features. The remote controller is available with 20m or 50m cable lengths.



Equipment Interface Module (EIB)

The Raypak EIB is an electrical connection centre that enables auxiliary landscaping equipment such as pool lights, garden lights, water features etc. to be controlled via the heater controller or Raypak Remote. Equipment does not need to be associated with the pool or spa and so the connection capabilities are enormous. Equipment connected to the EIB can either be programmed to operate automatically or manually via the Raypak heater or Remote controller.



Dilution Fans

Dilution Fans (also referred to as Power Flues) are sometimes required for indoor or outdoor installations where there is no natural way of controlling venting of flue gas to a safe location or where there are high wind speeds or highly variable air pressures. The Raypak dilution fan can provide an option when the normal flueing of the heater is not achievable or may be visually obtrusive.



Flow Switch Kits

A Raypak flow switch is required when the location of the heater is either 1.0 metre higher or lower than the pool water surface. The pressure switch supplied with the pool heater may not operate correctly under these conditions. The flow switch is also an ideal secondary safety system that can be installed to protect your pool heater.



High Wind Top Kits

In some areas where high winds are frequently experienced it may be necessary to install a Raypak High Wind Top. Installation of the High Wind Top will assist proper draw through the heater and improve operation. High Wind Tops are available for all models except the Spartan 131, Premium 127 and 167.



Indoor Hood Kits

All Raypak pool & spa heaters are built standard for outdoor installation. If the installation however is indoors, such as in a plant room, an indoor flue kit is available as an option to convert the standard outdoor model to be suitable for indoor operation. Heaters installed indoors must never operate in the standard outdoor configuration.



Warranty	Parts	Labour
Residential Pool & Spa Heaters installed for use in a single-family dwelling.	3 Years	1 Year
Residential Pool & Spa Heaters installed for use in a multiple family dwelling or commercial type installation.	6 Months	6 Months
Premium Pool & Spa Heaters installed in all pool & spa heating applications.	3 Years	1 Year
Spartan (in domestic situation)	1 Year	1 Year
Spartan (in commercial situation)	3 months	3 months
Accessories.	1 Year	1 Year

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Pool & Spa Heating Guide
Residential & Premium - Gas



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Residential



Residential Pool Heater Models 200 to 430

Raypak's range of Raypak residential pool and spa heaters are capable of heating the biggest or smallest of pools and spas, extending your swimming time and enjoyment.

- Robust powdercoated all-metal construction
- Reliable & trustworthy performance
- Cupro-nickel heat exchanger for greater protection against corrosion
- Polymer headers for longer life
- Our heater allows you to operate two motorised actuator valves (pool to spa changeover) and also has a pump run on timer, which protects the heat exchanger in the cool-down mode
- Energy-saving 'hot surface ignition'
- Integration capabilities with other pool & spa control equipment
- Manufactured in Australia by Rheem
- Remote control connection available as an option
- Suitable for either indoor or outdoor installations (Outdoor hood supplied standard with heater)
- Service code diagnostics
- Child-lock function



Residential Pool Heater Model 200



Residential Pool Heater Model 430



Spa Heater Model Spartan 131

Spa Heater Model Spartan 131

The Spartan 131 spa heater is a purpose-built spa heater. It is capable of heating almost any spa on demand.

- Digital thermostat display
- Integration capabilities with other pool & spa control equipment
- Energy-saving 'hot surface ignition'
- Polymer headers for longer life
- Remote control available as an option
- Service code diagnostics
- Child-lock function
- Suitable for outdoor installations only

Premium



Spa Heater Models 127 & 167

Models 127 & 167 are purpose-built spa heaters. They are capable of heating almost any spa on demand.

- Digital thermostat display
- Integration capabilities with other pool & spa control equipment
- Energy-saving 'hot surface ignition'
- All-bronze headers for greater temperature tolerance & corrosion protection
- Stainless steel constructed base
- Stainless steel combustion support structure
- Remote control available as an option
- Service code diagnostics
- Child-lock function
- Suitable for outdoor installations only



Spa Heater Model 127



Premium 280



Premium 430

Premium Pool Heater Models 280 & 430

There are some pool & spa heating applications that call for a more rugged heater that will meet the toughest of operating conditions & environments. Rheem's range of Raypak Premium pool & spa gas heaters are built for these conditions and suitable for small to medium commercial installations.

- Robust powdercoated all-metal construction
- Reliable & trustworthy performance
- Cupro-nickel heat exchanger for greater protection against corrosion
- All-bronze headers for greater temperature tolerance & corrosion protection
- Stainless steel constructed base
- Stainless steel combustion support structure
- Powdercoated heavy gauge metal casing to withstand the harshest operating conditions
- Our heater allows you to operate two motorised actuator valves (pool to spa changeover) and also has a pump run on timer, which protects the heat exchanger in the cool-down mode
- Energy-saving 'hot surface ignition'
- Integration capabilities with other pool & spa control equipment
- Manufactured in Australia by Rheem
- Remote control connection available as an option
- Suitable for either indoor or outdoor installations (Outdoor hood supplied standard with heater)
- Service code diagnostics
- Child-lock function

