



Experts in water.

DAVEY

APPLICATIONS

Ideal for:

- heating the smallest to largest residential pools and spas
- swim spas • spa pools
- maximising all year round swimming time and enjoyment



Davey Pool & Spa Residential Gas Heaters

Model Numbers: PHG-1310, PHG-2000, PHG-2800 & PHG-4300

Entertain for longer, and get more enjoyment from your pool or spa with a Davey Spa or Pool gas heater - the ideal choice for heating small to large residential swimming pools and spas.

WHY CHOOSE A Davey Gas Heaters?

Residential Pool Heater Features

- Energy saving “hot surface ignition” (HSI), saves gas through reduced pilot light usage
- Manufactured in Australia for Australian conditions
- Reliable and trustworthy performance
- Cupro-nickel heat exchanger for great protection against corrosion
- Polymer headers for longer life
- Remote “In-House” controller available as an option for surface or flush mounting
- Provides automatic control of up to two (2) motorised Valves (pool to spa changeover)
- Integration and connection to pool and spa control equipment
- Built in pump “Run-on-Timer” function, which protects the heat exchanger in the cool down mode
- Robust powder coated mild steel construction
- Service code diagnostics
- Child-lock function
- Suitable for either indoor or outdoor installations (Outdoor hood supplied standard with heater)
- Available in natural gas and propane (LPG) models

Residential Spa Heater Features

- Purpose built spa heater
- Digital thermostat display
- Reliable and trustworthy performance
- Integration and connection to spa side control touch pad
- Polymer headers for longer life
- Energy saving “hot surface ignition” (HSI), no pilot light
- Manufactured in Australia for Australian conditions
- Remote “In-House” controller available as an option for surface or flush mounting
- Robust powder coated mild steel construction
- Service code diagnostics
- Child-lock function
- Suitable for outdoor installations only
- Available in natural gas and propane (LPG) models



Accessories



Remote Control

The remote control option (PHG-RT) provides optimal convenience by allowing temperature adjustments and settings of your pool or spa to be made from the comfort of your house.



Indoor Flue Kit

The pool heater can be converted for indoor use with an optional indoor flue kit.



High Wind Kit

When the pool heater is being installed at heights above 3 meters, or in high wind areas, a high wind kit is available to ensure optimal heater operation and performance.

In-House Remote & 50 metre cable

Model: PHG-RT50, sold separately.

SPECIFICATIONS

Type	Natural Gas		Propane (LPG)		Indoor Flue Kit	High Wind Top
	Input (Mj/hr)	Output (kW)	Input (Mj/hr)	Output (kW)		
PHG-1310	120	24	117	24	Outdoor only	N/A
PHG-2000	196	44	185	41	PHG-F20	PHG-HWT20
PHG-2800	278	62	261	58	PHG-F28	PHG-HWT28
PHG-4300	420	94	396	88	PHG-F43	PHG-HWT43

MODEL No. IDENTIFICATION

PHG	2000N or P
Pool Heater – Gas	2000 = 200Mj/hr N = Natural P = Propane

- Note: If the heater is being installed above or below the pool or spa water line by 1200mm to 1500mm, it is recommended that a Davey Flow Switch (PHGFS-WATTS) be fitted
- Please consult a qualified plumber or gas fitter professional for gas heater installation advice

TEMPERATURE RISE OVER 24 HOURS (POOL)

Type	Pool Surface Area (m ²)				
	20	40	60	80	100
PHG-1310					
PHG-2000	21°	15°	10°	8°	6°
PHG-2800	26°	20°	14°	10°	8°
PHG-4300	34°	27°	20°	15°	12°

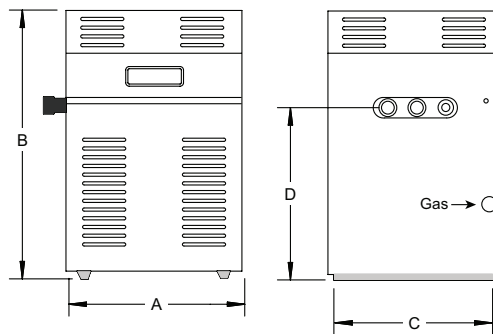
TEMPERATURE RISE PER HOUR (SPA)

Type	Spa Volume (Litres)			
	2000	3000	4000	5000
PHG-1310	10°	6°	5°	4°
PHG-2000	17°	12°	9°	7°
PHG-2800	25°	17°	12°	10°
PHG-4300	40°	26°	19°	15°

- Temperature rise is provided as a guide only and is based on outdoor installations with an average wind speed of 2.2km/h and depth of 1.3m.
- Temperature rise is also subject to weather conditions and geographic location of the pool or spa. For sizing contact your Davey Account Manager, Dealer or Davey Support Centre.

DIMENSIONS (mm)

Type	A	B	C	D	Water Conn.	Gas Conn.	Approx. Weight (kg)
PHG-1310	440	860	650	400	40	20	35
PHG-2000	465	1085	650	700	50	20	70
PHG-2800	570	1085	650	700	50	20	75
PHG-4300	745	1085	650	700	50	20	90



- Pool heaters supplied as standard left hand water connections.
- Right hand water connections available on request. Please contact your Davey Account Manager, Dealer or Davey Support Centre.



davey.com.au | daveynz.co.nz

This literature is not a complete guide to product usage. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice.
 © Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2013.