



Davey® PHG Series Residential Gas Heater

Model Numbers:

PHG-1310N, PHG-1310P, PHG-2000N, PHG-2000P, PHG-2800N, PHG-2800P, PHG-4300N, PHG-4300P

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

APPLICATIONS

Ideal for:

- all size swimming pools
- swim spas
- spa pools
- maximising all year round enjoyment

WHY CHOOSE THE Davey® PHG Series Gas Heater?

Energy Savings

- 82% thermal efficiency

Excellent energy saving utilising Hot Surface Ignition (HSI) which saves gas through reduced pilot light use.

Longer Life

- Manufactured in Australia
- Reliable and dependable
- Robust construction
- Heat exchanger is constructed from cupronickel for superior corrosion resistance
- Headers constructed from polymer for long life in pool applications

Convenience

- Available in natural gas and propane (LPG) models
- Simple to use with basic operation and settings
- Optional remote control available for surface or flush mounting
- Provides automatic control of motorised valves (if fitted)
- 2.5m power lead with 10amp Australian three pin plug
- Suitable for indoor and outdoor installations (outdoor configuration standard)
- Optional flue kit available for indoor installations
- Child lock functions
- Service code diagnostic

Accessories



Remote Control

The remote controller option 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 Davey PHG pool heater can be converted for indoor use with an optional indoor flue kit.



High Wind Kit

Where the Davey PHG pool heater is being installed in high wind areas, a high wind kit is available to ensure optimal heating performance and flueing.

Thermostat Cable

Available in 20 metre and 50 metre.

SPECIFICATIONS

Model	Natural Gas		Propane (LPG)	
	Input (MJ/hr)	Output (kW)	Input (MJ/hr)	Output (kW)
1310	120	24	120	24
2000	196	44	185	41
2800	278	62	261	58
4300	420	94	396	88

MODEL NUMBER IDENTIFICATION

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

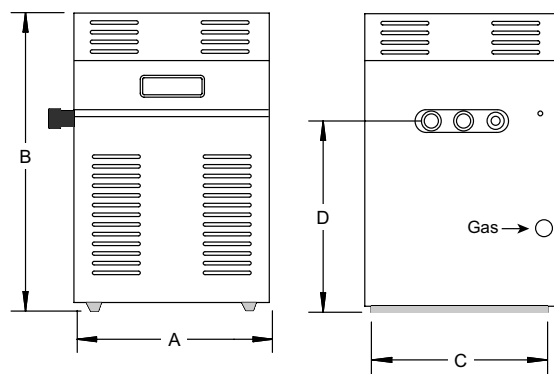
TEMPERATURE RISE PER HOUR

Model	Spa Volume (Litres)				Pool Surface Area (m²)						
	2000	3000	4000	5000	40	60	80	100	120	140	160
1310	10°	6°	5°	4°							
2000	17°	12°	9°	7°	0.55°	0.35°	0.25°	0.20°			
2800	25°	17°	12°	10°	0.85°	0.55°	0.40°	0.30°	0.25°	0.20°	
4300	40°	26°	19°	15°	1.30°	0.85°	0.65°	0.50°	0.40°	0.35°	0.30°

- Temperature rise is provided as a guide only and is based on outdoor installations and on average wind speed of 2.2km/h and depth of 1.3m. Temperature rise will be greater with indoor installations or lower with higher wind speeds.

DIMENSIONS (mm)

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



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