



Certikin's Affordable
Range of Heat Pumps

Certikin
FLUIDRA

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Heat pumps are recognised as the most sustainable way to dynamically heat swimming pool water.

This heat pump is designed and manufactured in collaboration with Calorex & the Dantherm Group. The Dantherm HPP heat pump is easy to install and is an affordable option for pool water heating.

There are 5 models available; HPP6R, HPP8R, HPP12R, HPP15R and HPP20R.

Features

- Quiet operation
- Aesthetically pleasing design with an attractive graphite grey ABS cabinet
- Scroll or rotary compressor (dependent upon product size)
- Titanium heat exchanger
- Reverse cycle defrost, enabling operation down to 3°C air temp
- Water temperature range 15°C to 40°C
- "Smart" pool pump control
- Condensate drain connection
- Supplied with 1.5" + 50mm socket unions for the water connections
- All models are single phase, except the HPP20R, which is three phase.

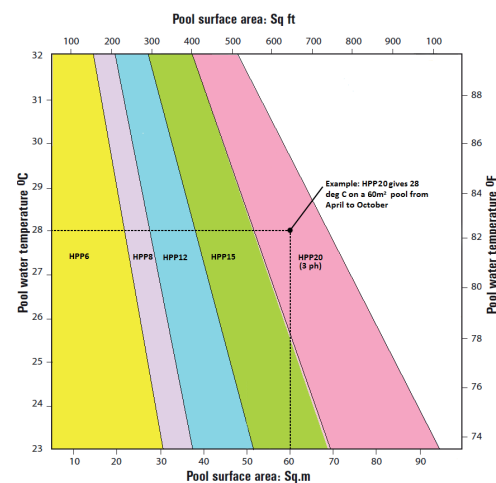
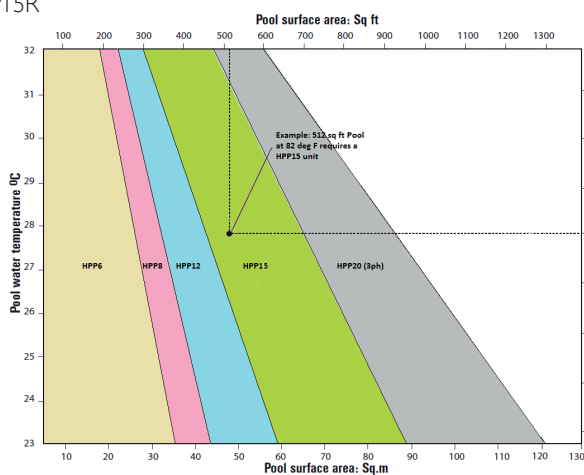


3 YEAR WARRANTY (1 year on-site parts & labour + 2 further years parts only).

Sizing Example:

Pool Size 10 x 5m = HPP15R

The above calculation is based on domestic in-ground pool, covered 20 hours a day, low water table, May-September and water at 28°C.



Dantherm®

Technical data

SPECIFICATIONS	UNITS	HPP6R	HPP8R	HPPI2R	HPPI5R	HPP20R
HEAT TO WATER						
Ambient air 24° C/RH 80, water temperature 26°C	kW	7.51	8.92	13.46	16.9	23.1
Input Current	A	5.5	6.1	9.5	12.1	12.3
Coefficient of performance	COP	6.31	6.45	6.63	6.31	5.01
NOMINAL CONDITIONS*						
Ambient air 15° C/RH 70, water temperature 26°C	kW	5.75	6.9	10.83	14.1	19.7
Input Current	A	5.49	6.26	9.42	12.36	13.3
Coefficient of performance	COP	4.69	4.88	5.21	5.13	4.1
ELECTRICAL DATA						
Power supply	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	380V/3/50HZ
Rated input power	kW	1.91	2.22	3.23	2.67	4.6
Maximum input current	A	10.0	15.3	18.3	25.3	11.1
Rated input current	A	5.49	6.26	9.42	12.1	12.3
Compressor type		Rotary	Rotary	Rotary	Scroll	Scroll
Max fuse	A	20	20	32	40	20
AIR DATA						
(Nominal Air flow ± 10%)	m³/h	2200	2000	3900	3800	7000
WATER DATA						
Recommended water flow rate	m³/hr	3.3	4.1	6.3	7.2	9.0
Water connections	inches/mm	1 1/2 inches or 50mm	1 1/2 inches or 50mm	1 1/2 inches or 50mm	1 1/2 inches or 50mm	1 1/2 inches or 50mm
Condensate water connections	inches	3/4 inches	3/4 inches	3/4 inches	3/4 inches	3/4 inches
GENERAL DATA (HERMETIC SYSTEM)						
Gas charge	kg	R32 0.9	R32 1.0	R32 1.5	R32 1.5	R410a 2.8
SOUND PRESSURE						
Sound pressure at 10m	dBA	< 28	< 29	< 30	< 30	< 32
Water proof level		IPX4	IPX4	IPX4	IPX4	IPX4
DIMENSIONS						
Unit net dimensions L x D x W	mm	933x401x657	933x401x657	1130x490x709	1130x490x709	1299x520x809
Package dimensions	mm	960x408x793	960x408x793	1154x520x845	1154x520x845	1324x530x925
Packaged weight	kg	57	66	79	100	124
Net weight	kg	50	59	71	93	117

Notes:

1. Allow 500mm clearance to service panels 2. Minimum air temperature -10°C 3. Water to have the correct balance pH 7.2 to 7.8, free chlorine 1.0 to 2.0 domestic, 3.0 to 6.0 commercial 4. We reserve the right to change models without prior notice

* Nominal conditions equal MC5007 test parameters



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www.certikin.co.uk



Contact your Certikin stockist for prices and availability.

This literature is intended as a guide.
The company reserves the right to change the specifications without notice.