HAYWARD

EXPERT LINE

YEARS OF WARRANTY

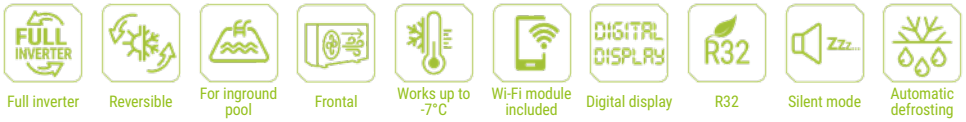
TH TOTALLY HAYWARD 3 STANDARD 5 TH

K-PAC

THE EXCLUSIVE "FULL INVERTER" HEAT PUMP

- **Horizontal air flow**, the standard for a large part of the installations
- **Full Inverter** technology inside, for the best swimming experience by keeping the water temperature stable
- **Intelligent control system sharply adjusting** the perfect balance between heating comfort & energy savings
- Suitable for temperatures as **low as -7°C**
- **Wi-Fi module included** to keep the control wherever you are
- **Super silent & highly efficient** during operation
- **Silent mode** integrated to keep out of your mind your heat pump when you want or at night
- **Real-time information** on an intuitive touchscreen
- **Self-adaptive defrost system** to optimize defrost cycles
- **Reversible mode** by cycle inversion to provide the best experience when temperatures are at the highest by decreasing the water temperature to a comfortable level
- Sustainable thanks to **durable and high-quality selected materials**

- **Ready to install package**, our heat pumps are delivered with a **winter cover**, an **anti-vibration pads kit**, a **condensate drain kit** and a user manual



Full inverter | Reversible | For inground pool | Frontal | Works up to -7°C | Wi-Fi module included | Digital display | R32 | Silent mode | Automatic defrosting

Simplified electrical connection.

Clear and intuitive user interface.

Wall mount kit - 20m (optional) HWX29400053.

R32

R32 REFRIGERANT
Higher performance

- **Reduces** greenhouse gas emissions **by 2/3**
- **10% less** fluid compare to R410A
- **Easy** to use and to recycle
- **No impact** on the ozone layer

MODULE WI-FI SMARTBOX INCLUDED

Download the EyesPool Connect app and connect your heat pump to a smartphone, tablet or PC to view the main informations and change the temperature, operating times and operating mode parameters in real time.
Code: HW26100050

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3 STANDARD + 5 TH

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Description	Unit	HP5091DT3HA	HP5111DT3HA	HP5151DT3H	HP5181DT3H
Power supply	-	220 - 240 V ∿/ 1 ph			
Frequency	Hz	50			
Refrigerant fluid	-	R32			
Global warming potential	GWP	675			
Mass of refrigerant	kg	0.43	0.45	0.60	0.67
Carbon dioxide equivalence (1)	tCO_2eq	0.29	0.30	0.41	0.45
Heating capacity range Air 27°C - Hr(2) 78% - Water 26°C	kW	2.46 - **9.17**	2.36 - **11.45**	3.31 - **15.90**	3.20 - **18.15**
Electrical power input	kW	0.17 - 1.45	0.17 - 1.80	0.27 - 2.84	0.22 - 3.13
Input current	A	1.17 - 6.42	1.19 - 7.85	1.37 - 12.35	1.45 - 13.58
Coefficient of performance	COP	14.37 - 6.32	13.88 - 6.35	12.26 - 5.59	14.34 - 5.80
Heating capacity range Air 15°C - Hr(2) 71% - Water 26°C	kW	1.75 - 7.05	1.56 - 8.00	3.05 - 12.40	2.86 - 14.11
Electrical power input	kW	0.27 - 1.51	0.28 - 1.74	0.42 - 2.65	0.43 - 2.99
Input current	A	1.66 - 6.70	1.23 - 7.16	1.99 - 12.08	2.00 - 13.04
Coefficient of performance	COP	6.40 - 4.65	5.60 - 4.80	7.26 - 4.68	6.63 - 4.71
Nominal water flow	m^3/h	4.00	5.00	6.70	7.70
Hydraulic head loss (max)	kPa	3.80	4.00	6.30	10.00
Hydraulic connection (included)	mm	50			
Sound pressure level @1 m (min. - max.)	dB(A)	42 - 47	46 - 54	38 - 51	41 - 54
Sound pressure level @10 m (min. - max.)	dB(A)	24 - 30	29 - 37	21 - 34	21 - 37
Circuit breaker	type	D			
	A	8	10	16	20
Cable size (up to 25 m)	type	3G2.5			3G4
Type of compressor	brand	Panasonic		Mitsubishi	
Fan speed range	rpm	400 - 700	500 - 850	300 - 750	400 - 750
Silent mode	-	Yes			
Fan speed (Silent mode)	rpm	400	500	300	400
Reversible heat pump	-	Yes			
Defrost mode	-	By reverse cycle			
Heating priority function	-	Yes			
User interface	-	Touchsreen 3,5"			
Winter cover (included)	reference	HWX84100131		HWX84100133	HWX84100132
L x W x H (3)	mm	1003 x 418 x 605		1048 x 437 x 768	1161 x 473 x 862
Weight	kg	44	45	66	70
Recommended pool volume (4)	m^3	≤ 37	≤ 46	≤ 64	≤ 73
Barcode	EAN 13	3660149614796	3660149614796	3660149613249	3660149613256

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(1) Carbon dioxide equivalence (expressed per tonne of CO_2 equivalent) is a quantity that describes, for a given mixture and amount of greenhouse gas, the amount of CO_2 that would have the same global warming potential (GWP), when measured over a specified timescale (generally, 100 years).
(2) Humidity.
(3) Net dimensions of the entire unit.
(4) For pools equipped with a heat retention cover during use from May to September.

HEAT PUMP CONFIGURATOR

As we know it's not always easy to define the right heat pump for a pool, we developed a tool to make this step easier, in few clicks you will find what is the best fitt for you.