



RESIDENTIAL HEAT PUMP (on/off)



ROYAL SERIE

The heat pump ensures a constant and stable water temperature in your pool with low electricity consumption. Wide range of exterior models with black ABS casing to avoid any corrosion.

Easy to use



The ROYAL serie incorporates an easy-to-use LED display.

Wi-fi



Heat pump connection via Wi-Fi through the APP.

Efficiency

COP
5,93

With a COP of up to 5.93 for high performance.

✓ **High energy efficiency.**

Thanks to its high COP of up to 5.8 at 26°C / 23.3°C, you will obtain the highest performance at a very low cost.



✓ **Optional Control W-IFI**

You can parameterize and control the perfect state of the water temperature from anywhere in the world.



✓ **Smart defrost**

The heat pump uses a 4-way valve to guarantee automatic defrosting even at ambient temperatures down to -7°C.



✓ **Titanium heat exchanger**

The use of Titanium allows an increase of up to 30% in energy efficiency compared to the usual exchangers.



✓ **Hydrophilic finned heat exchanger**

Resistant to condensation and freezing of water. Greater durability thanks to being anticorrosive.

MODEL	NDE-P-04	NDE-P-06	NDE-P-09	NDE-P-12	NDE-P-16	
Advised pool volum (m3) (with cover)	10-20	15-25	25-35	35-65	60-80	
heating*	Heating capacity (kW)	3,90	6,00	8,70	12,00	16,00
	Heating capacity (BTU/h)	13310	20480	29690	40950	54600
	Input power (kW)	0,75	1,05	1,5	2,05	2,7
	COP	5,20	5,71	5,80	5,85	5,93
heating**	Heating capacity (kW)	3,00	4,50	6,50	8,90	11,80
	Heating capacity (BTU/h)	10240	15360	22180	27300	40270
	Input power (kW)	0,70	1,02	1,45	1,98	2,65
	COP	4,29	4,41	4,48	4,49	4,45
Rated current(A)	3,4	4,6	6,5	9,1	11,5	
Noise (dB(A)) (1m)	<42	<44	<45	<47	<50	
Net weight/Gross weight(kg)	42/45	45/48	50/54	63/68	72/82	
Diameter of pipe (mm)	φ50	φ50	φ50	φ50	φ50	
Body size(W*D*H)mm	1008×380×577	1008×380×577	1008×380×577	1008×380×577	1050×440×709	
Refrigerant	R32					
Power supply	220V/1p/ 50Hz-60HZ					

Remark: Heating*: Inlet water temperature 26°C, Outlet water temperature 28°C, Humidity 80%

Heating**: Inlet water temperature 26°C, Outlet water temperature 28°C, Humidity 70%