

PowerLine Fi

HEAT PUMPS WITH FULL INVERTER TECHNOLOGY, FOR EVERYONE



Economical



Easy to use



Silent



As low as -7 °C



R32

ASSETS

- Supplied with winterizing cover
- Automatic defrosting
- Reversible, heating/cooling
- High-quality components, nearby after-sales service points
- Anti-vibration pads
- New eco-friendly refrigerant:
 - 10% less refrigerant
 - Reduces greenhouse gas emissions by 2/3
 - Zero impact on the ozone layer



COMFORT AND ENERGY SAVINGS

- A new range available with 100% INVERTER technology
- Rapid rise and precise maintenance of the desired temperature
- 30% energy savings
- +/- 20 dB in regulation mode
- Super-silent mode
- For pools up to 70 m³
- Operates in temperatures as low as -7 °C
- 5 versions available



- User interface with 3 buttons
- Information at your fingertips!

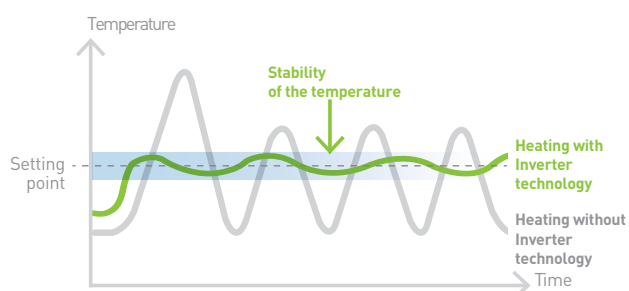


Description	Unit	81504	81514	81524	81534	81544
POWERLINE FL						
Power supply		220V-240V/1ph/50Hz				
Refrigerant fluid	/	R32				
Global warming potential	/	675				
Mass of refrigerant	kg	0.35	0.43	0.45	0.65	0.67
Mass in TCO ₂	/	0.24	0.29	0.30	0.44	0.45
Range of heating power (1) Air 27 °C – RH 78 % - Water 26 °C	kW	1.62 -- 6.72	2.70 -- 8.15	2.36 -- 11.45	3.70 -- 15.64	2.73 -- 17.87
Input power (1)	kW	0.15 -- 1.05	0.21 -- 1.11	0.17 -- 1.80	0.30 -- 2.82	0.22 -- 3.33
Input current (1)	A	1.02 -- 4.88	1.54 -- 5.00	1.19 -- 7.85	1.49 -- 12.28	1.44 -- 14.62
COP (1)	/	11.03 -- 6.41	12.78 -- 7.33	13.88 -- 6.35	12.27 -- 5.55	12.50 -- 5.33
Range of heating power (2) Air 15 °C – RH 71 % - Water 26 °C	kW	1.53 -- 5.38	1.75 -- 5.83	1.56 -- 8.00	2.96 -- 12.18	2.60 -- 13.77
Input power (2)	kW	0.27 -- 1.09	0.28 -- 1.33	0.28 -- 1.74	0.44 - 2.65	0.41 -- 3.16
COP (2)	/	5.67-- 4.96	6.29 -- 4.38	5.60 -- 4.80	6.78 -- 4.60	6.28 -- 4.36
Nominal flow rate	m³/h	2.80	3.50	5.00	6.50	7.40
Hydraulic head loss	kPa	2.3	2.9	4	6.7	9
Hydraulic connection supplied	mm	50	50	50	50	50
Sound pressure level @1m	dB(A)	49.8	50.2	53.9	50.8	54
Sound pressure level @10m	dB(A)	32.4	32.8	34.2	33.8	37.25
Type of fan		Axial DC Inverter				
Number of fans		1				
Type of compressor		Panasonic Twin Rotary DC Inverter			Highly Twin Rotary DC Inverter	
Reversible heat pump		Yes				
Defrost mode		Cycle inversion				
Silent operation		Yes				
Winterizing cover		Yes				
Heating priority function		Yes				
Anti-vibration pads		Supplied				
User control box		User interface with 7 sections / 3 buttons				
Net dimensions of entire unit	mm	1000 / 418 / 605			1047/453/768	1160/490/862
Unit shipping dimensions	mm	1040 X 445 x 745			1140 X 490 X 910	1220 X 520 X 1010
Net weight / total weight	kg	43 / 52	44 / 53	45 / 54	66 / 80	70 / 84
Recommended pool volume*	m³	≤23	≤30	≤45	≤55	≤70
Warranty		2 years				
EAN		3660149610231	3660149610248	3660149610316	3660149610323	3660149610675

* Recommended volume for a pool equipped with a thermal cover for use from May to September

THE ADVANTAGES OF INVERTER TECHNOLOGY

CONSTANT TEMPERATURE



+/- 20 DB IN REGULATION MODE

