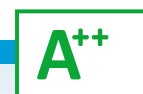




H-POWER

0140 | 0250 | 0260 | 0270

HIGH-EFFICIENCIES HEAT-PUMP H-POWER



Quality that you feel

www.nipon-coolair.com

* 3 years full warranty + 2 years warranty only parts

HEAT PUMPS

HIGH-EFFICIENCIES HEAT-PUMP H-POWER A⁺⁺



AIR/WATER INVERTER HEAT-PUMP WITH AXIAL FAN

- Single and Double SCROLL INVERTER Compressor
- Fan with DC Brushless Motor
- Circulator DC BRUSHLESS (optional)
- Compact Dimensions (1198 x 1198 mm)
- Possibility of cascade installation
- Highest EER and COP in the market
- Hi-Touch Compatible
- Solar Management Kit
- Built-in Condensing Pressure Control
- Mixing Valve Control

H-POWER		0140	0250	0260	0270
COOLING					
(1) Cooling Power	kW	29.6	36.3	48	53.2
(1) Input Power	kW	9.54	11.7	15.5	17.7
(1) E.E.R.	W/W	3.10	3.10	3.10	3.01
(2) Cooling Power	kW	37.3	55.3	65.3	66
(2) Input Power	kW	8.91	13	15.5	16.6
(2) E.E.R.	W/W	4.19	4.25	4.21	3.98
(5) SEER	W/W	4.80	4.72	4.86	4.85
(1) Water flux	L/s	1.42	1.74	2.30	2.55
(1) Available static pressure	kPa	146	138	155	151
HEATING					
(3) Heating Power	kW	40	50.2	61.4	66.8
(3) Input Power	kW	9.84	12.2	15	16.3
(3) C.O.P	W/W	4.07	4.11	4.09	4.10
(4) Heating Power	kW	40.6	49.7	59.5	66.6
(4) Input Power	kW	12.5	15.4	18.3	20.4
(4) C.O.P	W/W	3.25	3.23	3.25	3.26
(6) SCOP	W/W	4.25	4.16	3.92	3.94
(1) Water flux	L/s	1.94	2.38	2.85	3.19
(4) Available static pressure	kPa	125	109	130	122
Energy Class (35°/55°C)					
		A++/A++	A++/A+	A++/A+	A++/A+
Compressor Type		Scroll DC Inverter			
N° of compressors	n°	1	2	2	2
Refrigerant		R32	R32	R32	R32
Rated fan airflow	L/s	4368	5431	6417	5547
(1) Water flow circ. hydraulic	L/s	1.42	1.74	2.30	2.55
Hydraulic connections	Inch	1" 1/2 (DN 40)	1" 1/2 (DN 40)	1" 1/2 (DN 40)	1" 1/2 (DN 40)
Maximum pressure	bar	6	6	6	6
Minimum volume of water		286	389	490	522
(9) Sound pressure	dB(A)	77	83	84	84
Electrical supply		400V/3P+N+T/50Hz			
Pot max. absorbed	kW	24	33	39	43
Max current absorbed	A	38	52	62	68
Weight	kg	440	540	560	600
Dimensions (LxPxH)	mm	1850x1110x1920	1850x1110x1920	1850x1110x1920	1850x1110x1920
Tank volume	L	400	400	400	400
Expansion vessel	L	24	24	24	24
Code		8897614	8897625	8897626	8897627



water until
65°C
w/ electric
heater



until
30%
savings energy
towards other
brands



* 3 years full warranty + 2 years warranty only parts

H-POWER ACCESSORIES

Code	Description
8899102	H-POWER DHW probe (10k ohm)
8899116	Anti-ice kit H-POWER
8899142	High Efficiency Integrated Circulator p/ 140
8899144	High Efficiency Integrated Circulator p/ 250 to 270
8899146	Integrated Circulator EC H-POWER 140 to 270
8899154	Silencing kit H-POWER 140
8899156	Silence Kit H-POWER 250 to 270

Performance referred to the following conditions:
 (1) Cooling: outside air temperature 35°C; inlet/outlet water temperature 12/7°C.
 (2) Cooling: outside air temperature 35°C; water temperature inlet/outlet 23/18°C
 (3) Heating: outside air temperature 7 °C b.s. 6°C b.u.; inlet/outlet water temperature. 30/35°C.
 (4) Heating: outside air temperature 7 °C b.s. 6°C b.u.; inlet/outlet water temperature. 40/45°C.
 (5) Cooling: inlet/outlet water temperature 7/12°C.
 (6) Heating: average weather conditions; T_{biv} = -7°C; low temperature.
 (9) Sound power: heating mode condition (3); value determined on the basis of measurements carried out in accordance with the UNI EN ISO 9614-2 standard, in accordance with the requirements of Eurovent certification.
 N.B. performance data shown is indicative and may be subject to change. Furthermore, the efficiency declared in points (1), (2), (3) and (4) must be understood as referring to the instantaneous power according to UNI EN 14511. The data declared in points (5) and (6) are determined in accordance with UNIEN 14825.