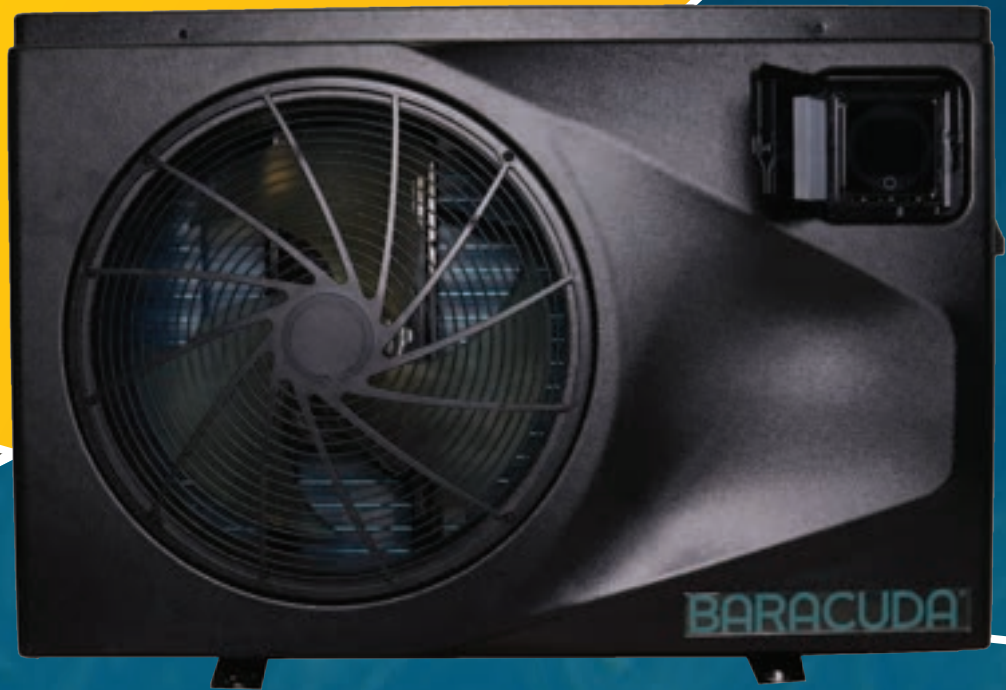


# BARACUDA®

THE TRUSTED NAME IN POOL CARE

## neo

Inverter Heat Pump



### FEATURES:

- Certified A+ energy rating
- R32 Environmentally friendly gas
- Smart LCD touch display for easy operation
- COP in excess of 12
- Unique fan blade design further reducing typical wind noise
- Can operate at ambient temperatures as low as -15°C
- WiFi control via Smartphone App
- Solar Ready

**2** YEAR  
WARRANTY\*

[www.baracuda.co.za](http://www.baracuda.co.za)

# neo

## Inverter Heat Pump



MODEL	HP15	HP20	HP30	HP35	HP40	HP50	HP60
STOCK CODE	640-0610	640-0611	640-0612	640-0613	640-0614	640-0615	640-0616
BARCODE	6009626404821	6009626404838	6009626404845	6009626404852	6009626404869	6009626404876	6009626404883
PACKING DIMENSIONS (LxHxW)	970 x 410 x 760	970x410x760	970x410x760	970x410x760	1130x485x910	1130x485x910	1210x515x1010
GROSS WEIGHT KG	52 KG	54 KG	55 KG	55 KG	74 KG	74 KG	101 KG
NET WEIGHT KG	40 KG	42 KG	43 KG	44 KG	58 KG	60 KG	85 KG
AMBIENT AIR OPERATING TEMP	-7 ~43°C	-7 ~43°C	-7 ~43°C	-7 ~43°C	-7 ~43°C	-7 ~43°C	-7 ~43°C

**PERFORMANCE WHEN AIR > 27°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 80%; SOLAR COVER IN USE**

MAX POOL VOLUME m <sup>3</sup>	35	40	50	60	70	80	100
HEATING CAPACITY kW	2.5 ~ 7.24	2.8 ~ 9.36	2.7 ~ 10.55	3.5 ~ 12.26	2.9 ~ 15.48	3.1 ~ 18.01	8.7 ~ 24.6
POWER INPUT kW	0.21 ~ 1.22	0.22 ~ 1.57	0.22 ~ 1.74	0.28 ~ 2.03	0.224 ~ 2.57	0.238 ~ 3.17	0.71 ~ 3.89
COP	11.90 ~ 5.93	12.5 ~ 5.98	12.3 ~ 6.08	12.7 ~ 6.04	12.9 ~ 6.01	13.0 ~ 5.68	12.25 ~ 6.32
CURRENT INPUT A	1.02 ~ 5.64	1.07 ~ 7.11	1.07 ~ 8.22	1.38 ~ 9.19	1.08 ~ 11.75	1.10 ~ 14.65	3.54 ~ 17.61

**PERFORMANCE WHEN AIR > 15°C; WATER IN > 26°C; WATER OUT > 28°C; HUMIDITY > 70%; SOLAR COVER IN USE**

MAX POOL VOLUME m <sup>3</sup>	20	30	40	45	50	60	80
HEATING CAPACITY kW	2.38 ~ 5.29	1.2 ~ 6.6	1.5 ~ 7.6	1.78 ~ 9.1	2.2 ~ 11.4	2.4 ~ 12.6	7 ~ 19.1
POWER INPUT kW	0.50 ~ 1.22	0.17 ~ 1.47	0.21 ~ 1.65	0.25 ~ 1.98	0.31 ~ 2.42	0.32 ~ 2.68	0.99 ~ 3.98
COP	4.76 ~ 4.34	7 ~ 4.5	7.1 ~ 4.6	7.2 ~ 4.6	7.2 ~ 4.7	7.4 ~ 4.7	7.07 ~ 4.80
CURRENT INPUT A	2.50 ~ 5.70	0.92 ~ 6.95	1.04 ~ 7.70	1.34 ~ 9.15	1.60 ~ 11.07	1.70 ~ 12.01	5.18 ~ 18.21
POWER SUPPLY V	1PH 230V/50Hz	1PH 230V/50Hz	1PH 230V/50Hz	1PH 230V/50Hz	1PH 230V/50Hz	1PH 230V/50Hz	1PH 230V/50Hz
COMPRESSOR	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
MOTOR FAN	1 x Horizontal Fan	1 x Horizontal Fan	1 x Horizontal Fan	1 x Horizontal Fan	1 x Horizontal Fan	1 x Horizontal Fan	1 x Horizontal Fan
NOISE 10 METRE	18 ~ 31	20 ~ 32	22 ~ 33	22 ~ 34	24 ~ 35	24 ~ 36	25 ~ 46
NOISE 10 METRE SILENT dB	18	20	22	22	24	24	25
WATER CONNECTION mm	D50 (with unions)	D50 (with unions)	D50 (with unions)	D50 (with unions)	D50 (with unions)	D50 (with unions)	D50 (with unions)
WATER FLOW VOLUME m <sup>3</sup> / h	3	4	4.7	5.2	6.3	7.5	10
WATER PRESSURE DROP kPa	1.8	2.8	2.7	3	6	6	14
REFRIGERANT GAS	R32	R32	R32	R32	R32	R32	R32

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