

NeoINVERTER

PERFORMANCE & DISCRETION



The **NEO INVERTER** reversible heat pump regulates its power automatically to ensure the best efficiency and the lowest sound level!

- > EXTREMELY LOW SOUND LEVELS
- > HEATING, COOLING AND AUTOMATIC FUNCTIONS
- > 3 CONTROL MODES : **BOOST**, **SMART** & **SILENCE**
- > FULL-INVERTER COMPRESSOR AND FAN
- > 30 TO 40 % MORE EFFICIENT COP
- > FUNCTIONALITY DOWN TO 0° C
- > REFRIGERANT R32
- > WEATHER RESISTANT ANTI-UV BODY
- > MYTECH-CONNECT INCLUDED
- > 3 YEAR WARRANTY



> 3 functional modes :

BOOST mode maximum power mode, ensures rapid temperature rise

SMART mode power and sound level automatically adjusts according to air and water temperature

SILENCE more COP and sound level are at preferred levels when the pool is at temperature

> "2D" DC Twin-Rotary Full-Inverter Compressor, Variable Speed Brushless DC Fan

> Intuitive digital control interface

> Intelligent control unit maintaining a temperature accuracy to 0.1°C, with PID regulation

> Soft start technology preventing power spike at start up

| Réf. | Neo Inverter 05 | Neo Inverter 07 | Neo Inverter 08 | Neo Inverter 10 | Neo Inverter 12 | Neo Inverter 15 |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|--------------------------------|
| Recommended pool size from May to September | 15-30 m ³ | 30-45 m ³ | 45-55 m ³ | 55-65 m ³ | 65-80 m ³ | 80-100 m ³ |
| Power Output BOOST Mode | 7,0 kW | 8,9 kW | 10,3 kW | 12,2 kW | 14,8 kW | 20,4 kW |
| COP BOOST Mode | 5,4 | 5,8 | 6,2 | 5,6 | 5,1 | 5,2 |
| Power Output SMART Mode | 7,0 ~ 3,0 kW | 8,9 ~ 3,2 kW | 10,3 ~ 3,7 kW | 12,2 ~ 4,2 kW | 14,8 ~ 4,9 kW | 20,4 ~ 6,5 kW |
| COP SMART Mode | 10,5 ~ 5,4 | 10,2 ~ 5,8 | 10,2 ~ 6,2 | 10,8 ~ 5,6 | 10,4 ~ 5,1 | 10,1 ~ 5,2 |
| Power Output SILENCE Mode | 3,0 kW | 3,2 kW | 3,7 kW | 4,2 kW | 4,9 kW | 6,5 kW |
| COP SILENCE Mode | 10,5 | 10,2 | 10,2 | 10,8 | 10,4 | 10,1 |
| Power Output* BOOST Mode | 5,5 kW | 6,5 kW | 7,3 kW | 9,5 kW | 10,5 kW | 14,8 kW |
| COP* BOOST Mode | 4,2 | 4,1 | 4,1 | 4,1 | 4,2 | 4,5 |
| Power Output* SMART Mode | 5,5 ~ 2,5 kW | 6,5 ~ 3,0 kW | 7,3 ~ 3,2 kW | 9,5 ~ 3,4 kW | 10,5 ~ 3,7 Kw | 14,8 ~ 4,9 kW |
| COP* SMART Mode | 6,4 ~ 4,2 | 6,4 ~ 4,1 | 6,3 ~ 4,1 | 6,4 ~ 4,1 | 6,2 ~ 4,2 | 6,6 ~ 4,5 |
| Power Output* SILENCE Mode | 2,5 kW | 3,0 kW | 3,2 kW | 3,4 kW | 3,7 kW | 4,9 kW |
| COP* SILENCE Mode | 6,4 | 6,4 | 6,3 | 6,4 | 6,2 | 6,6 |
| Minimum flow rate | 4 m ³ /h | 4 m ³ /h | 4 m ³ /h | 5 m ³ /h | 6 m ³ /h | 6 m ³ /h |
| Noise Level @ 10 m** | 22 ~ 28 dB(a) | 26 ~ 30 dB(a) | 26 ~ 31 dB(a) | 27 ~ 33 dB(a) | 27 ~ 34 dB(a) | 27 ~ 34 dB(a) |
| Refrigerant | R32 | | | | | |
| Protection and cable size (for 20 m) | C 10 A (3G 2,5 mm ²) | C 10 A (3G 2,5 mm ²) | C 16 A (3G 2,5 mm ²) | C 16 A (3G 2,5 mm ²) | C 16 A (3G 4 mm ²) | C 20 A (3G 4 mm ²) |
| Power Requirement | 230V / 1~+N / 50 Hz | | | | | |
| Max absorbed power (air 28°C) | 1,3 kW | 1,6 kW | 1,7 kW | 2,2 kW | 2,9 kW | 4,1 kW |
| Unit Weight | 48 kg | 48 kg | 52 kg | 52 kg | 57 kg | 77 kg |
| Dimensions (L x l x h) mm | 936 x 323 x 570 | 936 x 323 x 570 | 936 x 323x 570 | 936 x 323x 570 | 1006 x 344x628 | 1076 x 490 x 711 |

*Power and COP (coefficient of performance) according to the technical directives for private swimming pools heating (AC P90-387) ** certified by the independent French laboratory CTTM

Certified by TUV laboratory



+ Winter cover, silent blocks, condensate drain kit and hydraulic connections included

+ 3-year warranty on parts and labour on site

+ A dedicated technical team at your service



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