

nipon<sup>®</sup>  
coolair



NEW



SWIMMING POOL HEAT PUMPS  
**SERENUS**  
INVERTER

DISCOVER ONE OF THE QUIETEST  
AND EFFICIENT HEAT PUMPS ON THE MARKET.

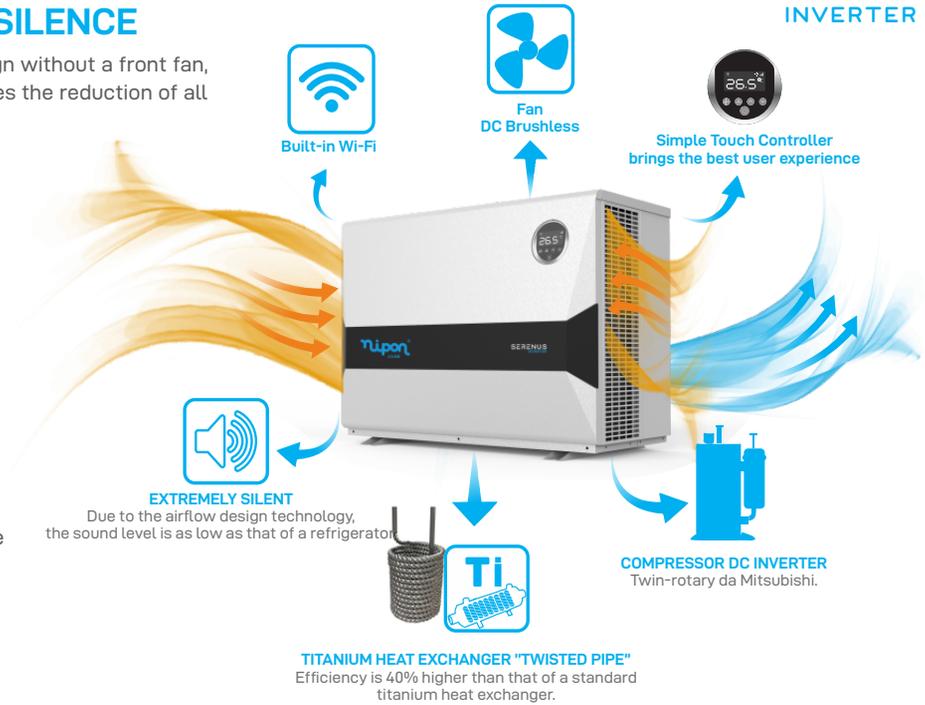
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## DESIGN AT THE SERVICE OF SILENCE

The SERENUS heat pump has an innovative design without a front fan, extracting the airflow from the rear, which ensures the reduction of all possible noise and a quieter performance.

### PRINCIPALES CARACTERÍSTICAS

- Mitsubishi DC Inverter Compressor.
- Innovative design without front fan.
- Exterior in anti-corrosion ABS plastic.
- It uses the ecological Gas R32.
- Uses on average 90% of free energy from ambient air.
- For pools from 15 m<sup>3</sup> to 120 m<sup>3</sup>.
- Wi-Fi control.
- High efficiency titanium heat exchanger "TWISTED PIPE"
- Fast and efficient defrosting, by reversing the cycle with a 4-way valve.
- Includes flow switch
- Operation down to -10 degrees
- Optional protective cover
- 5 year warranty\*.



### Model

SE07 AA SE11 AA SE17 AA SE21T AA SE28T AA

Operating Conditions: Air 27°C/ Water 27°C/ Humidity 80%

	kW	6.8	11.0	17.5	20.8	27.8
Heating Power						
COP		14.0-7.1	14.0-6.9	15.6-6.9	14.6-7.0	15.6-7.1
Medium COP at 50% speed		10.4	10.2	10.9	10.9	10.7

Operating Conditions: Air 15°C/ Water 26°C/ Humidity 70%

	kW	4.9	7.5	12.3	14.3	18.8
Heating power						
COP		7.2-4.4	7.3-4.6	7.7-4.9	6.9-4.9	7.8-4.9
Medium COP at 50% speed		6.4	6.5	6.5	6.5	6.4
Recommended pool volume**	m <sup>3</sup>	15-30	30-55	40-80	50-95	60-120
Operating Temperature Limit	°C	-10°C ~ 43°C				

Compressor Twin-rotary Mitsubishi DC Compressor

Exchanger Titanium Heat Exchanger "TWISTED PIPE"

Power Supply 230V 1Ph 400V 3Ph

	kW	0.14-1.12	0.22-1.63	0.32-2.51	0.38-2.92	0.5-3.84
Electric power						
Electrical Power at 50% speed	kW	0.38	0.58	0.95	1.10	1.47
Electric current	A	0.63-4.38	0.96-7.09	1.39-10.9	0.55-4.23	0.72-5.56
Maximum Electric Current	A	7.5	10.0	15.0	7.0	7.0
Power Cable	mm <sup>2</sup>	3x1.5	3x2.5	3x4	5x2.5	5x2.5
Sound Pressure at 1m	dB(A)	36.5-46.0	36.6-47.9	41.1-51.8	38.9-52.2	41.5-52.9
Sound Pressure at 50% at 1m	dB(A)	39.2	41.3	44.5	44.4	47.0
Sound Pressure at 10m	dB(A)	16.5-26.0	16.6-27.9	21.1-31.8	18.9-32.2	21.5-32.9
Water flux	m <sup>3</sup> /h	2-4	3-5	6-8	8-10	10-12
Water Connections	mm	50	50	50	50	50
Net weight	kg	54	57	68	80	99
Dimensions	mm	890x430x657	890x430x657	1060x430x657	1060x430x757	1060x430x957

Codes NI3001007 NI3001011 NI3001017 NI3001121 NI3001128

\*\* The recommended pool volume applies to a private pool with an isothermal cover



\* 3 years full warranty + 2 years on parts