



IMN SERIES

INVERTER MINI SWIMMING POOL HEAT PUMP



Laswim inverter mini swimming pool heat pump IMN series is the best choice for various small above ground pools. You can easily enjoy a comfortable heated swimming pool in your backyard, even on not-so-beautiful summer days. Thanks to the inverter technology, it absorbs free heat from the environment and passes it into the water for reduced and controlled energy consumption.

Features:

- Ideal for above-ground pools, spas and splash pools
- Operating air temperature 5 °C-43 °C
- Easy installation (quick connection)
- Simple and intuitive control panel
- Low noise operation
- Filled with environmentally friendly R32 gas
- Titanium heat exchanger
- 1.5m wire cable&plug with RCD protection
- Suitable for 32mm or 38mm water connections



SAVE 80% ENERGY

COP is up to 11, over 80% free energy from the ambient air



JUST PLUG&PLAY

Simple plug and play saves valuable installation time



Technical Parameters

Model	LS03-IMN1-S4C6	LS04-IMN1-S4C6	LS05-IMN1-S4C6
Performance condition: Air: 27°C / Water: 27°C / Humidity: 80%			
Heating capacity (kW)	1.3-3.5	1.5-4.5	2.0-5.6
Heating capacity (BTU)	11740	15360	18780
COP	11.2-5.4	10.1-5.2	11.1-6.0
Average COP at 50% Speed	8.1	8.6	9.5
Performance condition: Air: 15°C / Water: 26°C / Humidity: 70%			
Heating capacity (kW)	0.9-2.4	1.1-3.2	1.5-3.9
Heating capacity (BTU)	8220	10750	13450
COP	7.6-4.1	7.7-4.2	7.4-4.0
Average COP at 50% Speed	5.7	6.0	6.7
Technical specifications			
Advised pool volume (m3) *	0~15	5~20	8~25
Operating air temperature (°C)	5°C-43°C		
Power supply	220-240V / 1Ph / 50Hz		
Heat exchanger	Spiral titanium tube in PVC		
Compressor	Twin-rotary DC inverter		
Refrigerant	R32		
Casing	Galvanized steel		
Rated input power (kW)	0.33-0.8	0.38-0.95	0.41-1.05
Input power at 50% Speed (kW)	0.4	0.5	0.65
Rated input current (A)	1.5-3.8	1.8-4.5	1.9-5.0
Maximum input current (A)	4.5	5.5	6
Power cord (mm ²)	3*1.0	3*1.0	3*1.0
Sound level at 1m dB(A)	48~52.5	48~52.5	48~52.5
Sound level by 50% speed 1m dB(A)	50	50	50
Sound level at 10m dB(A)	21~32.5	22~32.5	22~33.5
Advised water flow (m ³ /h)	1~2	1~2.5	2~3.5
Protection level	IPX4	IPX4	IPX4
Water connection (mm)	32/38		
Gross weight (kg)	26	27	28
Net weight (kg)	24	25	26
Net dimension LxWxH (mm)	440x330x486	440x330x486	440x330x486
Packing Size (mm)	520x350x490	520x350x490	520x350x490
Qty per 20'FT / 40'HQ (sets)	264/660	264/660	264/660

Remarks:

- * The above data will be subject to change without further notice, please refer to the nameplate on the unit.
- * Advised pool volume applies to a private pool with an isothermal cover, from April to September.