

SWIMMING POOL HEAT PUMP



POLISH
PRODUCT & SERVICE



The swimming pool heat pump with a power of 7-20kW is an ideal solution for direct heating and cooling of swimming pool water. The set is equipped with an intelligent controller with a dedicated mobile application.



Panasonic rotary
compressor



High COP efficiency
(A27/W26) 6.5



Quiet operation
(acoustic power <54 db)

KENSOL

ENERGY FOR THE FUTURE

| Model | KTB 7 kW | KTB 11 kW | KTB 20kW |
|---|-------------------|--------------|--------------|
| Advised pool volume (m³) | 15~30 | 25~50 | 50~100 |
| Operating ambient temperature range (°C) | -7~43 | | |
| Working condition: Air 27°C, Water 26°C, Humidity 80% | | | |
| Heating capacity (kW) | 1.92 ~7.50 | 2.5 ~11.0 | 4.0 ~20.0 |
| Input power (kW) | 0.13 ~1.15 | 0.17 ~1.83 | 0.27 ~3.33 |
| COP | 6.5~14.8 | 6.0~14.7 | 6.0~14.8 |
| Working condition: Air 15°C, Water 26°C, Humidity 70% | | | |
| Heating capacity (kW) | 1.42 ~5.80 | 1.65 ~8.5 | 2.85 ~15.6 |
| Input power (kW) | 0.20 ~1.15 | 0.23 ~1.77 | 0.40 ~3.25 |
| COP | 5.0~7.1 | 4.8~7.2 | 4.8~7.0 |
| Working condition: Air 35°C, Water 28°C, Humidity 80% | | | |
| Cooling capacity (kW) | 4,0 | 6.0 | 10.1 |
| Noise dB (A) | 38~48 | 40~50 | 43~53 |
| Condenser | | | |
| | Spiral titanium | | |
| Cover | | | |
| | ABS | | |
| Power supply (Voltage, Phases, Frequency) | | | |
| | 230V/1 Phase/50Hz | | |
| Diameter of pipe (mm) | | | |
| | Ø 50 | | |
| Rated current for 15°C (A) | 0.9 ~5.1 | 1.0 ~7.8 | 1.8 ~14.3 |
| Advised water flow (m³/h) | 2~4 | 3~5 | 8~10 |
| Water pressure decrease (max) (kPa) | 2 | 4 | 6 |
| Weight net/gross (kg) | 62/70 | 64/72 | 81/91 |
| Dimensions (W x D x H) (mm) | 1000x396x640 | 1000x396x640 | 1125x416x765 |
| Compressor | | | |
| | Panasonic | | |
| Amount of refrigerant (g) | 340 | 440 | 780 |
| Refrigerant | R32 | | |
| 4-way valve | Sanhua | | |
| Expansion valve | Sanhua | | |
| Operating range (°C) heating | 9~40 | | |
| Operating range (°C) cooling | 9~35 | | |