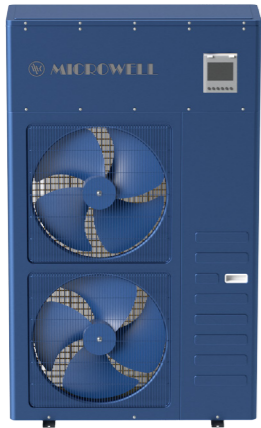


HP 2300 Inventor

Models

Compact



Split

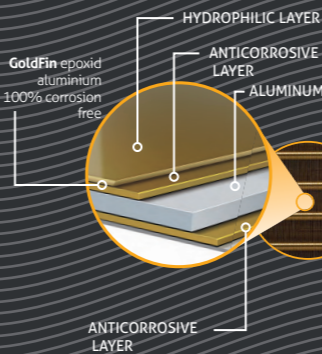


23 kW / 80 m³

WATER FLOW
From 8 to 12 m³/h

WATER EXCHANGER
Titanium of class Gr2 ASTM B338
with surface up to 1.4 m²
pressure drop max 5kPa

COVER
Metal galvanized
powder coatedgrates



COMPRESSOR
SANYO
scroll
quiet & energy class A+
microCOMPRESSOR+

SILENT BLOCKS
antiVIBRATION+
powder coatedgrates

WATER CONNECTION
DN50 internal 6/4" thread

ACTIVE DEFROST
4-way valve grates

CONTROL PANEL
LCD display
AUTO mode
microECONOMY+
antiFREEZE+

COLOR
Self cleaning color



AIR EXCHANGER
Gold fin epoxid
anti-corrosion
salt water resistant

REFILLING VALVE
Valve for refrigerant

AIR FAN
Axial air fan
protection fan grates

COP
up to **21.06**
at Air 26°C / Water
26°C / Humidity 80%

Automatic HEATING COOLING
included

FULL YEAR heating
-15°C | +40°C

WIFI control
possible

MICROWELL HP 2300 Inventor is innovative pool water conditioning solution.

With 23 kW capacity it is optimised for large pools, delivering continuous and stable production of water heating or cooling.

Designed on the principle of renewable energy source, MICROWELL HP 2300 Inventor with exceptional efficiency has low environment impact and low costs consumption; all a result of superior Microwell technology.

STANDARD EQUIPMENT:

- MICROWELL HP heat pump
- Circulation pump control
- microCOMPRESSOR+
- microECONOMY+
- User manual

ACCESSORIES:

- Winter module
- Heat exchanger frost protection
- Condensate tray defrost
- Protection cover
- Hydro kit
- Control panel placement
- Split model connection length
- Smart WIFI control



Microwell reserves the right to change the technical data without notice.

MODEL	Pool capacity (cover / no cover)	Heating capacity (A25/W10/RH35%)	Cooling capacity (A30/W35)	(A26/W26/RH63%)			Operating temperature °C	Water flow		Power supply V AC / ph	Heat exchanger type	Titanium surface m ²	Acoustic pressure level dB (A)	Water circuit connection mm / inch / thread	Dimensions (condensing unit + water unit with box (without box)) W / H / D
				Heating output kW	Power consumption kW	COP		m ³ / h	kPa						
HP 2300 Compact INVENTOR	80 / 60	20	20.1	23	3.59	6.4	-15 ... +40	8-10	5-15	400/3	Titanium Gr 2 ASTM B338	0.95	56/50/44/38	ø50 / 6/4 / internal	942 x 1550 x 360
HP 2300 Split INVENTOR															942 x 1250 x 360 + 1045x370x430 (970x275x340)



MICROWELL HP range of swimming pool heat pumps is a full capacity range operating on the principle of renewable energy, designed for continuous and stable production of water heating or cooling in any pool environment. Their exceptional efficiency, low environment impact and low costs are the result of superior technology, putting them at the industry's forefront.

Now, the novelty is launching into the market - HP INVENTOR, with great new features.

INCREDIBLE EFFICIENCY OF HP RANGE

Efficiency of Microwell heat pumps is proven to be the best. Designed to reach the top results, they are able to extract heat or cold present in ambient environment and leverage it into the pool water. While heating, higher the ambient air temperature is, the more free energy can the heat pump extract operating with high efficiency. At favourable conditions users of Microwell heat pumps pay less than 15% of heat meaning 85% of the heat is free.

- At lowest cost possible
- In shortest possible time
- With lowest noise possible

microECONOMY+

Microwell heat pumps are designed to produce the highest energy yield by carefully planned operational rhythm of a circulation pump. microECONOMY+ is a technology of the most economy circulation pump control. Microwell swimming pool heat pump with microECONOMY+ ensures heating of your pool sooner and cheaper than any other swimming pool heat pump.

Market's most efficient swimming pool heating solution.

HP COMPACT vs HP SPLIT

COMPACT heat pump is one device, that provides desired water temperature in the pool.

It requires only water connection, power supply and convenient place to be installed. Simple and affordable system.

Microwell **SPLIT** heat pump system was designed to combine all positives of a swimming pool heat pump and to eliminate all negatives. By delivering renewable energy and low energy pool water conditioning, Microwell Split heat pumps are heating warm water all year long at low cost and without any acoustic or visual disturbance. They are ideal solution for outdoor as well as indoor pools.

AUTOMATIC HEATING / COOLING

Designed to reach the top results, they are able to change the mode fluently from heating to cooling, or other way round. It depends on the setting of the required pool temperature.

SWIMMING POOL HEAT PUMP



HP 2300