

Dura Eco Heat Pumps

DURATECH® heat pumps utilize the sun's free heat by collecting and absorbing energy from the outside air. This energy is then transferred to the pool water. Your existing pool pump circulates the water through the heater and warms the pool. The unit contains a fan that draws in outside air and directs it over the surface of the EVAPORATOR (energy collector). The liquid refrigerant within the EVAPORATOR coil absorbs the heat from the outside air and the refrigerant becomes a gas.

The warm gas passes through the compressor where it is compressed to form a very hot gas, which then passes through the CONDENSOR (water heat exchanger). It is here that the heat exchange occurs as the hot gas gives up the heat to the cooler swimming pool water circulating through the coil. The pool water becomes warmer and the hot gas is cooling down as it flows through the CONDENSOR coil, returns to its liquid form and, after passing through the expansion valve, the whole process begins again.

- High efficiency coefficient up to 4.8
- Summer season model (Apr – Oct). Minimum 8°C air temperature
- Compact for easy installation
- Quiet running with low sound rotary compressor, low noise fan
- R407c for an environmentally friendly operation
- Titanium heat exchanger, resistant to salt and chlorine
- Precision temperature control
- Freeze prevention mode



Part No.	Type	Heat Capacity	Max Pool Volume	Power (V/Ph/Hz)	Measures (LxWxH)
0891960	Dura Eco 3	3kw	30m ³	220-240/1/50	936/360/550mm
0891961	Dura Eco 5	5kw	40m ³	220-240/1/50	1010/370/615mm
0891962	Dura Eco 8	8kw	60m ³	220-240/1/50	1110/470/680mm
0891963	Dura Eco 10	10kw	80m ³	220-240/1/50	660/660/860mm
0891964	Dura Eco 12	12kw	90m ³	220-240/1/50	660/660/890mm

