



SumHeat

With the SumHeat range of professional heat pumps; swimming pool equipment enters into a new dimension. Equipped with electronic temperature control, they meet the market's most demanding criteria for optimum usage comfort.

The ADVANTAGES

- + Ultra high performance product, quality components
- + Ideal for large pools that require powerful equipment
- + Efficient vertical design
- + No need to adjust output (up to 17 m³/h)

Handles



Connectors



High efficiency scroll compressor



- Smart Starter**
It allows to restrict the intensity to 45A in the starting of the compressor.



- Swept wing fan**

Exclusive sound proofing. High efficiency scroll compressor.



EFFICIENCY

- ▶ A performant profit. Measured at an ambient temperature of 5°C (41°F), SumHeat heat pumps generate a COP superior to 4 meaning that they produce 4 times more energy than they consume.



- Electronic temperature control**
Electronic controlling of the temperature by microprocessor.

- Titanium Heat exchanger**

Equipped with three main characteristics- high durability and excellent resistance to corrosion, it provides superior thermal exchange. Lifetime warranty.



- Thermoplastic resin cabinet**

Anti-corrosive treated against UV. Very attractive.

POLYVALENCE

- ▶ 6 models available in one phase or in three phase.
 - ▶ Thanks to the new heating priority function, our SumHeat heat pump will control the filtration pump in order to have a correct pool temperature.
 - ▶ Our SumHeat heat pump do not need to be fitted in By Pass*: in fact, they connect directly on the water return (full flow), no need to set the flow rate.
- *up to 17 m³/h

EXTRA DURABILITY

- ▶ A coaxial heat exchanger with twist titanium tubing to increase thermal efficiency and to resist the chemicals found in pool water.
- ▶ A cabinet and protective grill that are resistant to harsh winter conditions and UV rays.

Item	SHE1101	SHE1401	SHE1901	SHE1903	SHE2403	SHE3003
Air 27°C - HR% 80 - Water 27°C - COP	11 kw - 5,4	14 Kw - 5,8	19,5 Kw - 5,8	19 Kw - 5,6	24 Kw - 5,3	29 Kw - 5,4
Air 15°C - HR% 71 - Water 26°C - COP	8,4 Kw - 4,2	1,04 Kw - 4,3	15,4 Kw - 4,5	14,3 Kw - 4,3	18,8 Kw - 4,2	23,2 Kw - 4,3
Air 5°C - HR% 80 - Water 15°C - COP	6,5 Kw - 4,2	8,5 Kw - 4,5	12,3 Kw - 4,6	11,4 Kw - 4,5	14,9 Kw - 4,3	18,7 Kw - 4,1
Voltage Hz/Ph	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	400V / 3Ph / 50Hz	400V / 3Ph / 50Hz
Power supply Watt (1) (2)	2033	2422	3406	3355	4473	5350
Running amperage A (2)	9	10,9	13,3	5,3	7	11,6
Required breaker aM type	16	16	20	10	10	16
Compressor type	SCROLL					
Gas type	R410A	R407C	R407C	R407C	R407C	R410A
Heat exchanger	Titanium / PVC					
Heating range	15°C/ 35°C					
Plumbing conection	63 mm					
Flow rate range m ³ /h	3,5 to 23					
Nominal flow rate (3)	4,5	6	8	8	10	12
Dimension	H : 737 L : 762 P : 864	H : 737 L : 762 P : 864	H : 940 L : 762 P : 864	H : 940 L : 762 P : 864	H : 940 L : 762 P : 864	H : 940 L : 762 P : 864
Weight in Kg	75	77	86	86	98	121
Exclusive noise reducing ventilation	YES					
Electronic self starter	NO	YES	YES	NO	NO	NO
Wintering cover	YES					
Heating Priority Function	YES					

(1) Power supply announced subjected to the test conditions of line 1 (Air 27°C - Rh% 80 - Pool Temperature 27°C)

(2) Power supply and running amperage are +/- 10%

(3) Powers are indicated to nominal flow rate RH%



PUMPS



FILTERS



LIGHTING



WATER TREATMENT



CLEANERS



HEAT PUMPS

