

**Pool heat pump specification sheet** *Note: This sheet is provided as a guide only and reproduced from manufacturers supplied data - JB Supplies Spain, S.L. will provide the latest know specifications upon request at any time*

Model	Max pool volume m3	BTU's	Capacity Kw 27 degC	C.O.P	Power Supply	Breaker size Amps	Running Amps Amps	Elec Wire size mm(awg)	Weight Kg	Dimensions HxWxD
<b>AngelFire</b>										
M1	60	45,000	13.2	5.85	220/1	20	11	4 (12)	74	99x53.5x84
M2	85	55,000	16.1	6.44	220/1--380/3	30--15	14--6	5,3 (10)--2,1 (14)	76	99x53.5x84
M3	100	80,000	25	6.11	220/1--380/3	40--15	18--8	10 (8)--4 (12)	96	99x53.5x84
M4	120	100,000	30.8	5.92	220/1--380/3	40--20	27--13	10 (8)--4 (12)	119	113x57x96.5
M5	160	130,000	38.4	6.4	220/1--380/3	50--30	34--19	16 (6)--10 (8)	124	113x57x96.5
<b>AirEnergy</b>										
275Ti		55,200	16.2	6.29		30			82	70x66x74
400Ti		73698	21.6	5.84		40			125	107x84x104
550Ti		109710	32.1	6.1		50			145	107x84x104

**Notes:**

1. 2 Year warranty on all models. Heat exchanger 10 years for AirEnergy and 15 years for AngelFire models.

2. All models have Titanium Heat Exchangers

**Angel Fire**

standard power supply;208/240 V-60hz-1phase

Optional power supply;208/240 V-50hz-1phase

380/420 V-50/60hz-3phase

200/230 V-50/60hz-3phase

**COP (coefficient of performance)**

Is the measurement of how efficiently a heating or cooling system (particularly a heat pump in its heating mode and a chiller for cooling) will operate at a single outdoor temperature condition. When applied to the heating modes of heat pumps, that temperature condition is usually 47°F. The higher the COP, the more efficient the system. COP can be calculated by two different methods. In the first, you divide the Btu of heat produced by the heat pump by the Btu equivalent of electricity that is required to produce that heat.