

# ENERGY MASTER



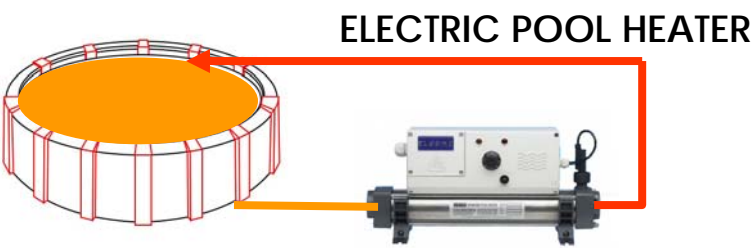
**DOUBLESOURCE**  
HOT & COLD POOL HEAT PUMP

*The Best Energy Saving  
900% Heating and Cooling Efficiency*

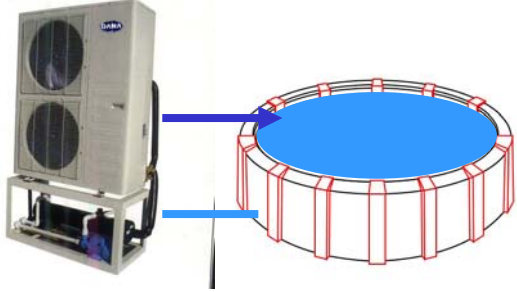
**SAVE ENERGY SAVE THE WORLD**

***DOUBLESOURCE***  
*HOT & COLD POOL HEAT PUMP*

**OLD SYSTEM**



**CHILLER**



**NEW SYSTEM**

Hot Pool Maximun 50 °C

***DOUBLESOURCE***

Cold Pool Minimun 10 °C



***SAVE ENERGY SAVE THE WORLD***

# ***DOUBLESOURCE***

## *TECHNICAL SPECIFICATION*



MODEL		DOUBLESOURCE
SUITABLE POOL SIZE	m <sup>3</sup>	< 6
HEATING CAPACITY	kW.(Btu/h)	20.5 ( 70,300 )
COOLING CAPACITY	kW.(Btu/h)	17.9 ( 61,400 )
MAX. HOT POOL	°C	50
MIN. COLD POOL	°C	10
COMPRESSOR	TYPE	SCROLL
	REFRIGERATION	R-417A
WATER HEAT EXCHANGER	TYPE	CU-NI 90/10 ( Marine Grade )
ELECTRICAL	V/Ph/Hz	380/3/50
COMPRESSOR INPUT	kW.	3.78
RLA (@ RECOVERY RATE)	Amp	6.9
FLA	Amp	9.2
CASING MATERIAL		STAINLESS STEEL AISI 304
DIMENSION (W X D X H)	mm.	1475 x 750 x 1080
NET WEIGHT (approx.)	kg.	320
WATER INLET	inch	1-1/2"
WATER OUTLET	inch	1-1/2"
RECOMMEND FLOW	m <sup>3</sup> / hr.	> 6

**Note** : Capacity rated at 42 °c hot pool and 15 °c cold pool.  
 : Energy Master reserves the right to make changes in specification without prior notice.  
 : Standard model is excluded external water pump.

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# INSTALLATION DIAGRAM

