



*Extending your swim season*

**5 Years Warranty**



**More fun times with family and friends  
Healthier lifestyle**



**– Superior Energy Efficiency**

It consumes 1kw to produce about 5kw heat energy.  
Lower running cost.

**– Easy Operation**

Pool temperature select.  
24 hours timer function.

**– Quietly**

Even quieter than filter pump

**– Reliable**

Titanium Heat Exchanger  
Plastic House

**– 3 Years Warranty**

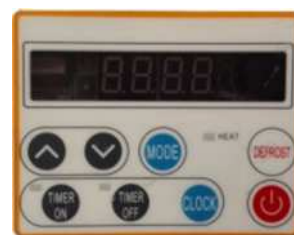
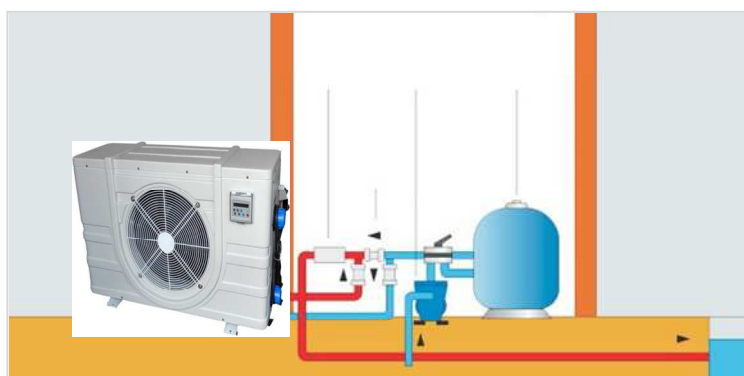
**– Environment Friendly**

R410a Refrigerant  
Less CO2 emission

# Specification (Horizontal Units)

Model	Unit	KS70	KS90	KS140	KS170
Air discharge		Horizontal	Horizontal	Horizontal	Horizontal
Shell material		Plastic	Plastic	Plastic	Plastic
Heating capacity	KW	7.5	9.5	14.2	16.8
Rated power in	KW	1.7	2.1	3.29	3.81
COP		4.43	4.52	4.31	4.4
Noise	dB	49	50	52	55
Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Heating rate current	A	7.7	9.5	14.9	17.3
Max current	A	12	16.2	26	28
Max power input	W	2640	3564	4840	6160
Min water flow	L/min	60	60	90	90
Water connector	Inch	2	2	2	2
Unit dimension	L/W/H (mm)	1000/340/655	1000/340/655	1150/400/850	1150/400/850
Net/shipping weight	Kg	56/63	63/70	102/113	105/118
Ambient temperature	°C	May-40	May-40	May-40	May-40
Heat exchanger		Titanium PVC	Titanium PVC	Titanium PVC	Titanium PVC
Fan quantity		1	1	1	1
Manometer		Yes	Yes	Yes	Yes

- Heating capacity is based on inlet water temperature 25°C, ambient air temperature 24°C (DB)/19°C (WB).



Please read the "Swimming Pool Heat Pump Service Manual" before installation.

## How to choose the right heat pump

Pool Size (m <sup>3</sup> )	KS70	KS90	KS140	KS170
8-15 m <sup>3</sup>	+++	++	—	—
15-20 m <sup>3</sup>	+	+++	—	—
20-35 m <sup>3</sup>	—	++	+++	—
35-50 m <sup>3</sup>	—	—	++	+++
50-60 m <sup>3</sup>	—	—	—	+++



