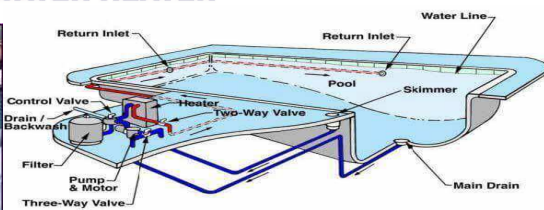


HYDROMAX

Copeland
brand products

ENERGY EFFICIENT HEAT PUMP WATER HEATER



**SPA- AND SWIMMING POOL
HEAT PUMP WATER HEATER**



SANTECO CONSTRUCTION

SUPPLIES AND SERVICES

Office : 9565078

Recommend Pool Size over (24hr)		30-40m3	40-50m3	50-60m3	100-125m3
Model		ARG-03STI	ARG-04STI	ARG-05STI	ARG-10STI
Air /Water 24°C/26°C	Rated Heating Capacity (KW)	15.11	18.80	20.0	40.0
	Input Power(KW)	2.66	3.16	3.78	7.5
	COP	5.66	5.98	5.3	5.3
Power Supply	V/HZ/PH	220/60/1	220V/60/1	230/60/1	380/60/3
Compressor		SANYO/PANASONIC (SCROLL)			
Heat Exchanger		Titanium Tube Heat Exchanger			
Refrigerant		R410A			
Water Connection Port(mm)		Exterior 50mm/ Interior 40mm			
Noise dB(A)		49	49	55	58
Water Flow Rate(m3/h)		8~10	10~12	12~15	20~25
Product Dimension(mm)		710*710*850	710*710*850	810*810*1055	1450*705*1180
Packing Dimension(mm)		840*840*1030	840*840*1030	950*950*1250	1680*950*1400
Net Weight(kgs)		100	112	147	260
Gross Weight(kgs)		115	122	170	290

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ENERGY EFFICIENT HEAT PUMP WATER HEATER

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80°C

**80°C HIGH TEMPERATURE
HEAT PUMP WATER HEATER**



Model Number		ARG-03H	ARG-05H	ARG-07H	ARG-10H	ARG-15H	ARG-25H
Refrigerant		Copeland Scroll Compressor /R134A					
Testing Condition		1. Dry-bulb temperature 20C, 2. Wet-bulb temperature 15°C, 3. Water temp. rises 40 °c					
Rated Heat Production Capacity	KW	9	18	26	36	49	85
	BTU/h	30717	61434	88738	122868	167,237	290105
Rated Temp.	°C	65					
Max. Temp.	°C	80					
Rated Input	KW	2.4	4.8	6.9	9.7	13.2	23
COP	W/W	3.7	3.7	3.7	3.7	3.7	3.7
Power	V/PH/Hz	220/1/60	230-380/3/60	230-380/3/60	230-380/3/60	380/3/60	380/3/60
Sound Level	dB(a)	65	65	65	68	71	71
NPT Prov.	Inch	G1"	G1"	G1"	G1½"	G1½"	G2½"
Heat Exchanger		Copper Pipe In Steel Case Heat Exchanger					
Outline Dimension	L×W×H	710*710*850	810*810*1055	810*810*1355	1450*705*1370	1750*1050*1900	2000*1100*2300
Packing Dimension	L×W×H	840*840*1030	950*950*1250	950*950*1550	1680*950*1600	1900*1160*2110	2200*1300*2450
Net Weight	KG	100	147	180	400	540	590
Gross Weight	KG	115	170	200	440	300	650

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ENERGY EFFICIENT HEAT PUMP WATER HEATER



DOMESTIC / RESIDENTIAL HEAT PUMP WATER HEATER

Model Number		KF100-X	KF140-X	KF200-X
Power Supply	V/PH/HZ	220~240/1/60		
Refrigerant & Compressor		R417A / GMCC		
Air Discharges		Side Discharge Air Outlet		
Rated Heat Capacity	KW	4.7	7.2	10.3
	BTU/h	16041	24574	35154
Rated Temp.	°C	55		
Max. Temp	°C	60		
Rated Input	KW	1.24	1.89	2.71
Current	A	9.45	11.37	14.74
COP	W/W	3.8	3.8	3.8
Sound Level	dB(a)	55		
NPT	Inch	G ³ / ₄ "		
Heat Exchanger		Shell Type Heat Exchanger		
Dimension	L×W×H(mm)	930×360×560		1000×370×630
Packing Dimension	L×W×H(mm)	1070×380×590		1130×380×660
G.W/ N. W	KG	53/50	58/55	74/70