

Save up to 75% off your hot water bill

Give your clients an energy efficient alternative to the electric geyser

Integrated Water Heaters

- Combination Heat Pump with Storage Vessel
- 170L Storage Capacity
- SANS 151 Compliant
- Adjustable Temperature Setting



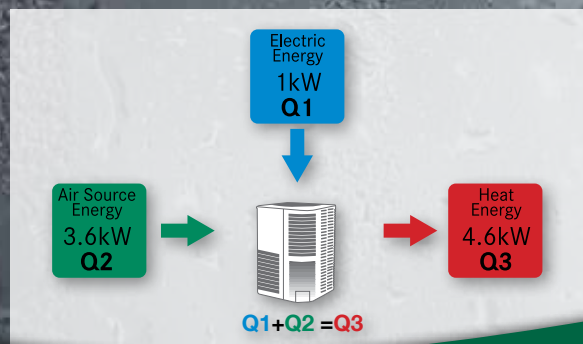
Residential/Light Commercial Cycle Type Heat Pump

- Available in four convenient sizes to suit most geysers
- Internal Pump
- High COP for greater savings
- Helps achieve SANS 204 compliance on new installations
- Easy to fit to existing geysers



Commercial/Industrial Cycle Type Heat Pump

- Available in various capacities to suit almost any application
- Excellent efficiencies even in low ambient conditions
- Design and Selection assistance offered
- Easy to fit to existing boilers



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We endeavor to supply the best product for the application maintaining the highest possible quality standards. Our dedicated team is ready to serve and assist.

AIRCO INTEGRATED WATER HEATERS

Basic Specifications

Airco Model Number	ARSJ-15 190 RDN3	
Heating Capacity - Heat Pump	kW	1.45 kW
Input Power - Economy mode	watts	500 watts
Rated Current - Economy mode	Amps	3.8 Amps
Ambient Temperature - Economy mode	°C	5 ~ 43°C
COP values @ 20°C - Economy mode	W/W	3,45
Auxillary Heating E-Heater mode	kW	2 kW
Input Power E-Heater mode	Amps	6.8 Amps
Ambient temperature E Heater mode	°C	- 30 ~ 43° C
Power Supply	v / Ph / Hz	220 ~ 240 / 1 / 50
Water Tank Volume	litres	170 litres
Water Outlet Temperature	°C	38 ~ 70°C



RESIDENTIAL/LIGHT COMMERCIAL CYCLE TYPE HEAT PUMP

Basic Specifications

Airco Model Number		AKRS-35B/N2-L	AKRS-50B/N2-L	AKRS-72B/N2-L	AKRS-90B/N2-L
Heating Capacity	kW	3,5	5	7,2	9
Power Supply	V/Ph/Hz	220/1/50			
Input Power	kW	0,9	1,28	1,79	2,31
Running Current	A	3,97	5,8	8,23	11,17
Max. Input Power	kW	1,31	1,86	2,6	3,35
Max. Running Current	A	6,2	8,9	12,4	16
Refrigerant		R410a			
Max. Outlet Water Temp	C	60	60	60	60
Hot Water Yield	L/h	75	107	155	193
Net/Gross Weight	kg	40/48	55/65	65/79	73/87
Dimension	mm	750x264x493	935x282x545	1002x302x620	1002x302x620

COMMERCIAL/ INDUSTRIAL CYCLE TYPE HEAT PUMP

Basic Specifications

Airco Model Number		AKRS-100E/N2-M	AKRS-200E/SN2-M	AKRS-300E/SN2-M	AKRS-380E/SN2-M	AKRS-450E/SN2-M	AKRS-630E/SN2-M
Heating Capacity	kW	10,5	19	30	38	45	63
Power Supply	V/Ph/Hz	220/1/50	380/3/50				
Input Power	kW	2,55	4,55	7.2	9,2	10,8	16
Running Current	A	12,46	7,83	12	15,84	18,6	27,5
Max. Input Power	kW	3,57	6,37	10,08	12,88	16,2	24
Max. Running Current	A	17,45	10,97	18,36	22,18	27,89	42
Refrigerant		R410a					
Compressor		Toshiba	Sanyo	Sanyo	Sanyo	Sanyo	Sanyo
Compressor Type		Rotary	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Quantity		1	1	2	2	2	3
Outlet Water Temp.	C	55	55	55	55	55	55
Max. Outlet Water Temp	C	60	60	60	60	60	60
Hot Water Yield	L/h	226	408	645	817	967	13,54
Water Flow	m³/h	2,3	4,1	6.4	8,2	9,7	13,5
Condenser		Tube in shell					
Water Pressure Drop	Kpa	40	50	55	55	55	55
Water Connection Tube	mm	DN25	DN25	DN40	DN40	DN40	DN50
Noise	dB(A)	<55	<57	<58	<60	<61	<63
Electric Protection		I	I	I	I	I	I
Mechanical Protection		IPX4					
Net/Gross Weight	kg	87/103	119/137	236/279	249/294	268/316	482/490
Dimension	mm	752x690x765	752x690x965	1450x702x950	1450x702x1060	1450x702x1260	2150x765x1290

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