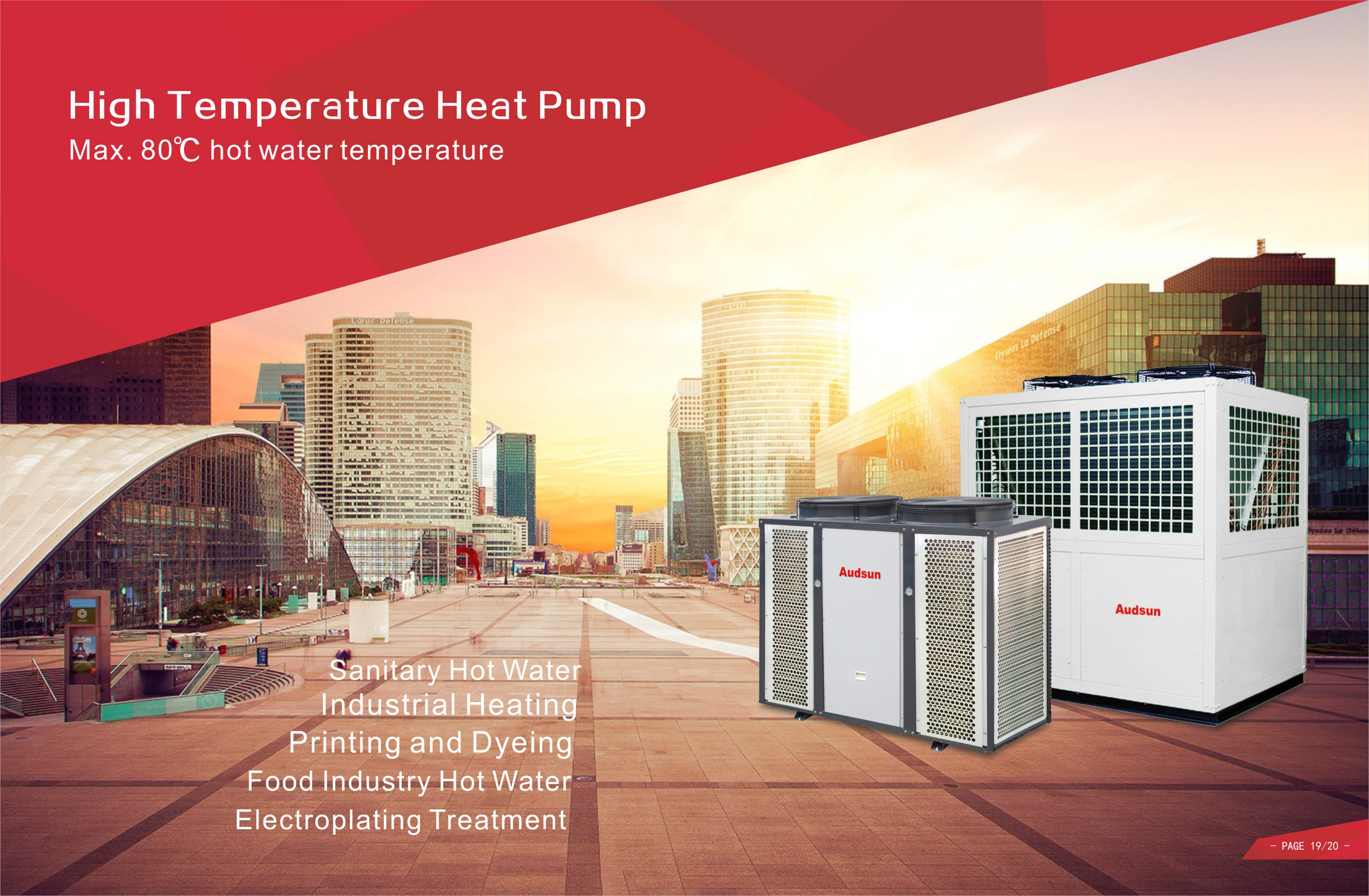
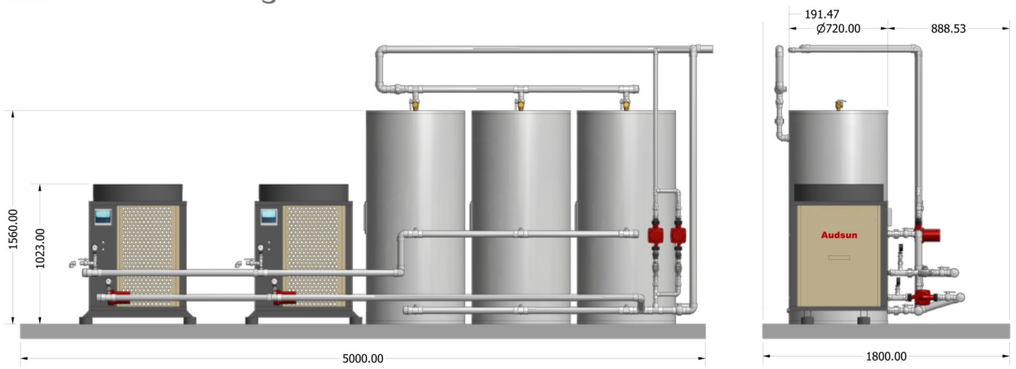
High Temperature Heat Pump

Max. 80℃ hot water temperature

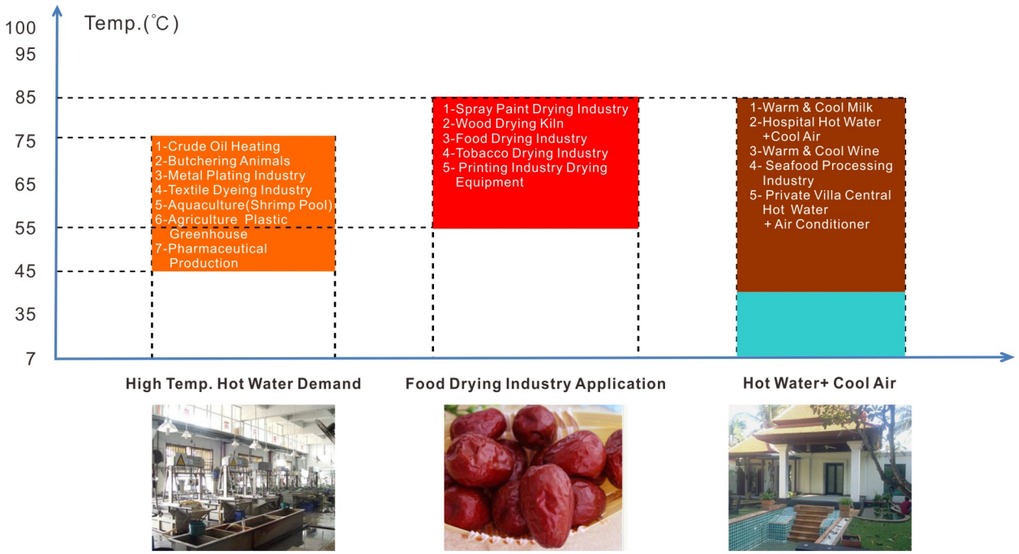


Sanitary Hot Water
Industrial Heating
Printing and Dyeing
Food Industry Hot Water
Electroplating Treatment

Schematic diagram



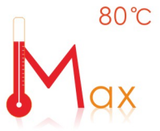
Audsun High Temp. Heat Pump Application (R134A Refrigerant)



Characteristic



Copeland Scroll compressor



Water temperature up to 80 ℃



Multi Protection:
Compressor Current Overhigh protection
High pressure switch
Low pressure switch
Water flow protection



User-friendly LCD remote provide quick and easy access to water temperature,timer program and system diagnostics

Product Parameter

50Hz

Model Number		ARG-03H	ARG-05H	ARG-10H	ARG-15H	ARG-20H	ARG-25H
Water Heating Capacity(KW)		8.5	14	28	42	56	70
Water Cooling Capacity(KW)		6.8	11.2	22.4	33.6	44.8	56
Hot Water Yield L/H(ΔT=40℃)		180	300	600	900	1200	1500
COP		3.8	3.8	3.8	3.8	3.8	3.8
Rated Input	KW	2.24	3.68	7.37	11.05	14.74	18.42
Max. Input	KW	3.13	5.16	10.32	15.00	20.63	25.79
Rated Input Current	A	10.17	6.98	13.96	20.93	27.91	34.89
Max. Input Current	A	14.23	9.77	19.54	29.31	39.07	48.84
Power Supply	V/PH/HZ	220V/1PH/50HZ	380~415V/3PH/50HZ				
Working Temperature Available		0°C ~+43°C					
Max. Water Outlet Temperature		80°C					
Rated Water Outlet Temperature		65°C					
Condenser		Copper Pipe In Steel Case Heat Exchanger					
Defrosting		Included					
Intelligent Control		5 meters signal wire					
Compressor /Refrigerant		Copeland /Scroll Compressor /R134A					
Compressor QTY	Unit	1	1	2	2	4	4
Fan QTY	Unit	1	1	2	2	2	2
Sound Level	dB(a)	65	65	68	68	68	68
Water Inlet/Outlet Diameter	Inch	G1"	G1"	G1½"	G1½"	G2½"	G2½"
Water Flow Rate	m³/h	2.5	4	7	9.6	13.8	17.2
Outline Dimension	L×W×H(mm)	710×710×850	810×810×1055	1580×910×1380	1750×1050×1900	2000×1100×2100	2000×1100×2100
Packing Dimension	L×W×H(mm)	840×840×1030	890×890×1250	1650×980×1540	1900×1160×2110	2200×1300×2350	2200×1300×2350
Net Weight	KG	105	138	270	460	560	700
Gross Weight	KG	120	160	300	500	620	760

60Hz

Model Number		ARG-03H	ARG-05H	ARG-10H	ARG-05H	ARG-10H	ARG-15H	ARG-20H	ARG-25H
Water Heating Capacity(KW)		9	16	32	16	32	48	64	72
Water Cooling Capacity(KW)		7.2	12.8	25.6	12.8	25.6	38.4	51.2	57.6
Hot Water Yield L/H(ΔT=40℃)		195	345	700	345	700	1050	1400	1550
COP		3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Rated Input	KW	2.37	4.21	8.42	4.21	8.42	12.63	16.84	18.95
Max. Input	KW	3.32	5.89	11.79	5.89	11.79	17.68	23.58	26.53
Rated Input Current	A	10.77	15.95	31.90	9.57	19.14	28.71	38.28	43.06
Max. Input Current	A	15.07	22.33	44.66	13.40	26.79	40.19	53.59	60.29
Power Supply	V/PH/HZ	220V/1PH/60HZ	220V/3PH/60HZ		380~415V/3PH/60HZ				
Working Temperature Available		0°C ~+43°C							
Max. Water Outlet Temperature		80°C							
Rated Water Outlet Temperature		65°C							
Condenser		Copper Pipe In Steel Case Heat Exchanger							
Defrosting		Included							
Intelligent Control		5 meters signal wire							
Compressor /Refrigerant		Copeland /Scroll Compressor /R134A							
Compressor QTY	Unit	1	1	2	1	2	2	4	4
Fan QTY	Unit	1	1	2	1	2	2	2	2
Sound Level	dB(a)	65	65	68	65	68	68	68	68
Water Inlet/Outlet Diameter	Inch	G1"	G1"	G1½"	G1"	G1½"	G1½"	G2½"	G2½"
Water Flow Rate	m³/h	2.5	4	7	4	7	10.5	13.8	17.2
Outline Dimension	L×W×H(mm)	710×710×850	810×810×1055	1580×910×1380	810×810×1055	1580×910×1380	1750×1050×1900	2000×1100×2100	2000×1100×2300
Packing Dimension	L×W×H(mm)	840×840×1030	950×950×1250	1650×980×1540	950×950×1250	1650×980×1540	1900×1160×2110	2200×1300×2350	2200×1300×2500
Net Weight	KG	105	138	270	138	270	460	560	700
Gross Weight	KG	120	160	300	160	300	500	620	760

1.Testing Condition:
** Dry-bulb temperature 20℃
** Wet-bulb temperature 15℃
** Water temp.rises 40℃ degree (from 15℃ to 55℃)
2.Technical specification is subject to change without notice,final information please refer to the nameplate on machine.