Commercial heat pump



50Hz

Model Number		ARG-03S	ARG-05S-L	ARG-07S	ARG-10S-L	ARG-13S	ARG-15S-V	ARG-20S	ARG-25S	ARG-30S	ARG-40S
Water Heating Capacity(KW)		11	19	22	39	45	56	70	88	105	140
Water Cooling Capacity(KW)		8	15	18	31	36	45	56	71	84	112
Hot Water Yield L/H(ΔT=40˚C)		220	410	470	840	960	1200	1500	1900	2250	3000
COP		3.8	4.42	3.8	4.61	3.8	4.4	3.8	3.8	3.8	3.8
Rated Input	KW	2.89	4.30	5.79	8.46	11.84	12.73	18.42	23.16	27.63	36.84
Max. Input	KW	4.05	6.02	8.11	11.84	16.58	17.82	25.79	32.42	38.68	51.58
Rated Input Current	A	13.16	8.14	10.96	16.02	22.43	24.10	34.89	43.86	52.33	69.78
Max. Input Current	A	18.42	11.40	15.35	22.43	31.40	33.75	48.84	61.40	73.27	97.69
Power Supply	V/PH/HZ	220V/1PH/50HZ	380~415V/3PH/50HZ								
Working Temperature Availabe		-5°C ~+43°C									
Max. Water Outlet Temperature		60°C									
Rated Water Outlet Temperature		55°C									
Condenser		Copper Pipe In Steel Case Heat Exchanger									
Defrosting		Included									
Intelligent Control		5 meters signal wire									
Compressor /Refrigerant		Copeland scroll Compressor /R417A /R410A/R22									
Compressor QTY	Unit	1	1	1	2	2	2	4	4	4	4
Fan QTY	Unit	1	1	1	2	2	2	2	2	3	4
Sound Level	dB(a)	65	65	65	68	68	68	68	68	68	68
Water Inlet/Outlet Diameter	Inch	G1"	G1"	G1"	G1½"	G1½"	G1½"	G2½"	G2½"	G2½"	G3"
Water Flow Rate	m³/h	2.5	4	5.6	7	8.4	10	12.5	15.2	18	25
Outline Dimension	L×W×H(mm)	710×710×850	810×810×1055	810×810×1355	1580×910×1180	1580×910×1380	1750×1050×1900	2000×1100×2100	2000×1100×2100	2500×1110×2100	2200×2000×2100
Packing Dimension	L×W×H(mm)	840×840×1030	890×890×1250	890×890×1550	1650×980×1340	1650×980×1540	1900×1160×2110	2200×1300×2350	2200×1300×2350	2700×1300×2350	2400×2200×2350
Net Weight	KG	100	138	160	270	320	460	560	700	900	1200
Gross Weight	KG	115	160	185	300	350	500	620	760	970	1280

60Hz

Model Number		ARG-03S	ARG-05S	ARG-07S	ARG-10S	ARG-05S	ARG-07S	ARG-10S	ARG-13S	ARG-20S	ARG-25S
Water Heating Capacity(KW)		11	18	25	36	18	25	36	45	74	90
Water Cooling Capacity(KW)		8.8	14.4	20	28.8	14.4	20	28.8	38	59.2	72
Hot Water Yield L/H(ΔT=40˚C)		236	387	537	773	387	537	773	1031	1590	1934
COP		3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Rated Input	KW	2.89	4.74	6.58	9.47	4.74	6.58	9.47	12.63	19.47	23.68
Max. Input	KW	4.05	6.63	9.21	13.26	6.63	9.21	13.26	17.68	27.26	33.16
Rated Input Current	A	13.16	17.94	24.92	35.89	10.07	14.95	21.53	28.71	44.26	53.83
Max. Input Current	A	18.42	25.12	34.89	50.24	15.07	20.93	30.14	40.19	61.96	75.36
Power Supply	V/PH/HZ	220V/1PH/60HZ	220V/3PH/60HZ			380~415V/3PH/60HZ					
Working Temperature Availabe		-5°C ~+43°C									
Max. Water Outlet Temperature		60°C									
Rated Water Outlet Temperature		55°C									
Condenser		Copper Pipe In Steel Case Heat Exchanger									
Defrosting		Included									
Intelligent Control		5 meters signal wire									
Compressor /Refrigerant		Copeland scroll Compressor /R417A /R410A/R22									
Compressor QTY	Unit	1	1	1	2	1	1	2	2	4	4
Fan QTY	Unit	1	1	1	2	1	1	2	2	2	2
Sound Level	dB(a)	65	65	65	68	65	65	68	68	68	68
Water Inlet/Outlet Diameter	Inch	G1"	G1"	G1"	G1½"	G1"	G1"	G1½"	G1½"	G2½"	G2½"
Water Flow Rate	m³/h	2.5	4	5.6	7	4	5.6	7	8.4	13.8	17.2
Outline Dimension	L×W×H(mm)	710×710×850	810×810×1055	810×810×1355	1580×910×1180	810×810×1055	810×810×1355	1580×910×1180	1580×910×1380	2000×1100×2100	2000×1100×2100
Packing Dimension	L×W×H(mm)	840×840×1030	890×890×1250	890×890×1550	1650×980×1340	890×890×1250	890×890×1550	1650×980×1340	1650×980×1540	2200×1300×2350	2200×1300×2350
Net Weight	KG	100	138	160	270	138	160	270	320	560	700
Gross Weight	KG	115	160	185	300	160	185	300	350	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.



High performance/Long life brand named Copeland / Panasonic compressors.



Latest technology with easy to use LCD display controller.



Super large surface ultra gold fin coil evaporator optimised for high heat transfer.



Can be retro-fitted to existing boiler geysers and can be used in conjunction with solar water heater tanks for centrol hot water supply projects.



Fully automatic defrosting function included.



High / Low Pressure Safety Switches - protect pump against damage.



4-Way Reverse Valve option of cooling down water if need (min 10℃)