Low Temperature Heat Pump

1. EVI Copeland Scoll compressor ensure the perfect heating performance even in -20℃ ambient temperature.
2. Uses R407C refrigerant - ozone friendly (does not require yearly inspection).
3. State of the art technology has been used to produce specifically whisper quiet fans.
4. Digital controller makes the operation totally automatic and programmable supplying sanitary hot water and space heating purpose.
5. Electronic expansion valves(EEV) control the volume of the refrigerant accurately and improve units performance.

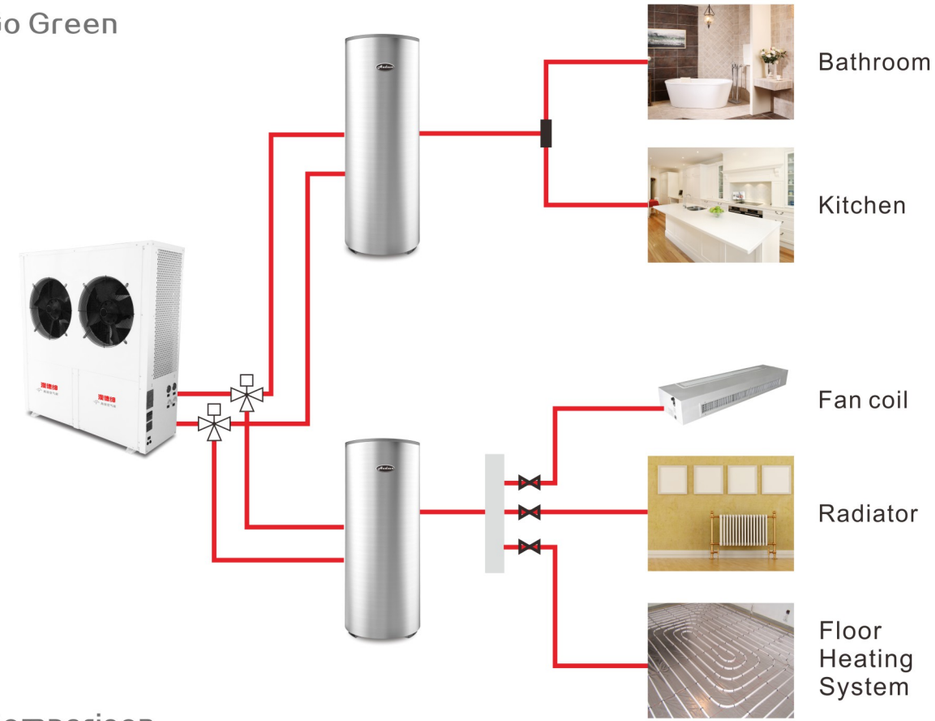


-25℃

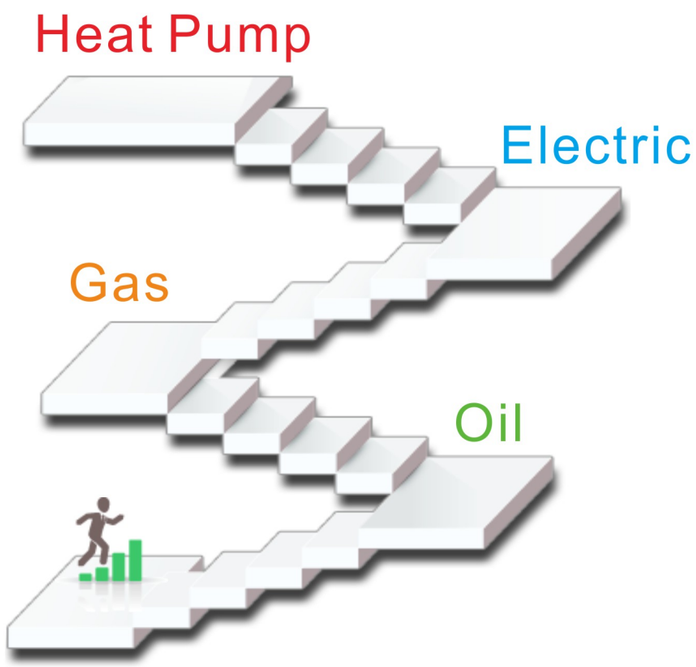
Enjoy the perfect temperature in house



Go Green



Comparison



Advantage



Home
Neat and Clean



Energy Saving
& Comfort



CO_2 Emissions
Reduction



Energy Efficiency
Enhancement

Product Parameter

Model		ARG-03C	ARG-04C	ARG-05C	ARG-10C
PowerSupply	V/Ph/Hz	220-240V/1PH/50HZ	220-240V/1PH/50HZ	380-415V/3PH/50HZ	380-415V/3PH/50HZ
*Ambient Temp.（Dry Bulb/Wet Bulb）：7℃/6℃，		Water Temp.（In/Out）：30℃/35℃			
Output	KW	7.85	12.16	16.48	33
Input	KW	1.9	3	4.01	8
COP	W/W	4.1	4.12	4.11	4.12
*Ambient Temp.（Dry Bulb/Wet Bulb）：2℃/1℃，		Water Temp.（In/Out）：30℃/35℃			
Output	KW	6	9.3	12.62	25.2
Input	KW	1.9	2.96	4.02	8.05
COP	W/W	3.14	3.15	3.14	3.13
*Ambient Temp.（Dry Bulb/Wet Bulb）：-7℃/-8℃，		Water Temp.（In/Out）：30℃/35℃			
Output	KW	4.5	7	9.51	19
Input	KW	1.9	2.96	4.01	8.02
COP	W/W	2.3	2.37	2.36	2.37
*Ambient Temp.（Dry Bulb/Wet Bulb）：-15℃/-16℃，		Water Temp.（In/Out）：30℃/35℃			
Output	KW	3.4	5.3	7.22	14.5
Input	KW	1.85	2.87	3.89	7.8
COP	W/W	1.86	1.85	1.83	1.86
*Ambient Temp.（Dry Bulb/Wet Bulb）：35℃/24℃，		Water Temp.（In/Out）：12℃/7℃			
Output	KW	4.9	6.95	9	18
Input	KW	1.97	3.01	4.14	8.3
EER	W/W	2.17	2.27	2.17	2.17
Compressor	N/A	Copeland Scroll EVI	Copeland Scroll EVI	Copeland Scroll EVI	Copeland Scroll EVI
Compressor QTY	pc	1	1	1	2
Fan Motor	N/A	Side Blowing	Side Blowing	Side Blowing	Side Blowing
Fan Motor QTY	pc	1	2	2	2
Refrigerant	N/A	R407C	R407C	R407C	R407C
Max. Water Temp.	℃	60			
Refrigerant Control		Electric Expansion Valve			
Defrosting		4-way valve reverse auto defrosting			
Working Temp.	℃	Min. :-25/Max.: +43			
Nozzles Size	Inch	1	1	1	1.5
Water Flow Rate	m^3/h	2.5~3.0	3.5~4.0	3.5~4.0	6.0~6.5
Noise	dB(a)	60	65	65	68
Unit Dimension:	cm	850×520×123	1305×505×1245	1305×505×1245	1565×575×1710
N.W/G.W:	Kgs	100/120	145/165	145/170	280/320