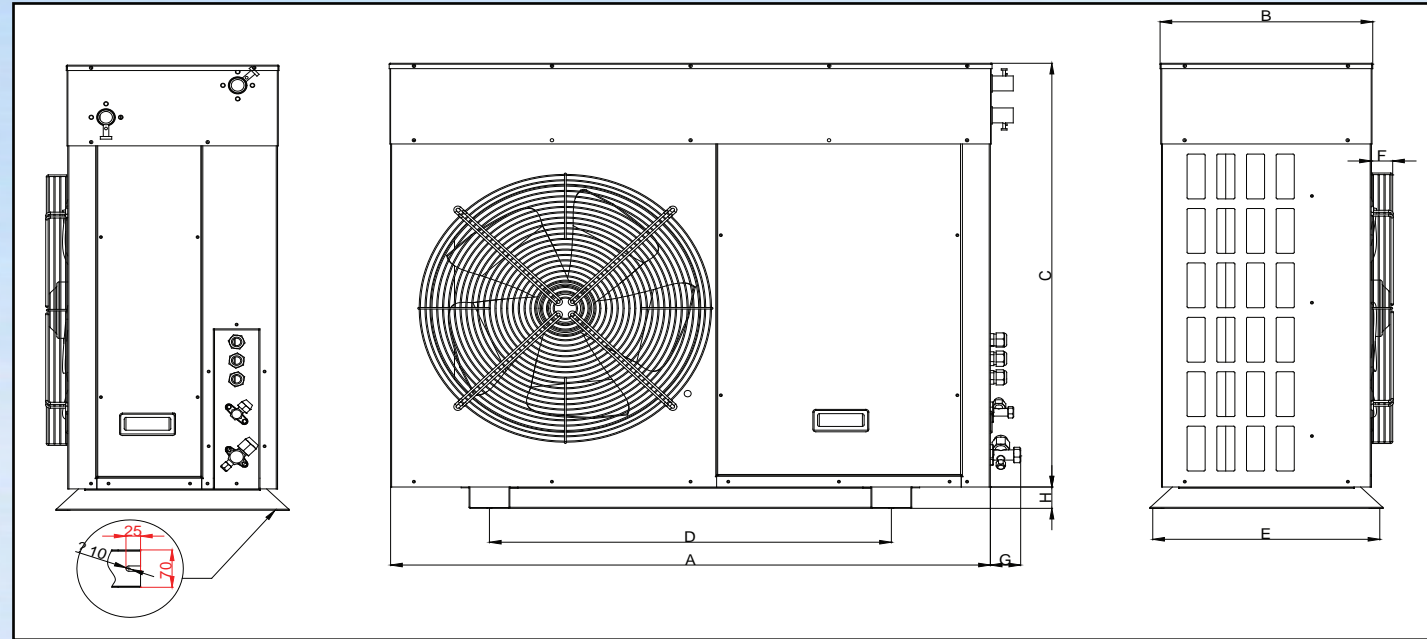


Refrigeration Condensing Unit (with heat recovery for hot water)



Function:

- 1.Refrigeration
- 2.Water Heating
- 3.Two operation mode:Refrigeration only and Auto running



DIMENSIONS:

Tab.1 REFRIGERATION SERIES (COLD ROOM TEMP. $-10^{\circ}\text{C} \sim 10^{\circ}\text{C}$), R404A

Model	HWEI100 DGM/H-B	HWEI150 DGM/H-B	HWEI200 DGM/H-B	HWEI250 DGM/H-B	HWEI300 DGM/H-B	HWEI350 DGM/H-B	HWEI200 SGM/H-B	HWEI250 SGM/H-B	HWEI300 SGM/H-B	HWEI350 SGM/H-B	HWEI400 SGM/H-B	HWEI500 SGM/H-B	HWEI600 SGM/H-B
A	850	850	1030	1030	1030	1120	1030	1030	1030	1120	1120	1120	1120
B	320	320	360	360	360	430	360	360	360	430	430	430	430
C	710	750	850	850	850	1000	850	850	850	1000	1000	1555	1555
D	540	540	690	690	690	720	690	690	690	720	720	720	720
E	340	340	380	380	380	450	380	380	380	450	450	450	450
F	30	30	30	30	30	30	30	30	30	30	30	30	30
G	51	51	64	64	64	64	64	64	64	64	64	70	70
H	40	40	40	40	40	40	40	40	40	40	40	40	40

Note: 1. All dimensions are in mm;

2. The specs are subject to change, with technology improvement.

Technical Data:
Tab.2 REFRIGERATION UNIT SERIES (COOL ROOM TEMP. -10℃~10℃), R404A

Model	Unit	HWEI100 DGM/H-B	HWEI150 DGM/H-B	HWEI200 DGM/H-B	HWEI250 DGM/H-B	HWEI300 DGM/H-B	HWEI350 DGM/H-B	HWEI200 SGM/H-B	HWEI250 SGM/H-B	HWEI300 SGM/H-B	HWEI350 SGM/H-B	HWEI400 SGM/H-B	HWEI500 SGM/H-B	HWEI600 SGM/H-B
Comp. Power	HP	1HP	1.5HP	2HP	2.5HP	3HP	3.5HP	2HP	2.5HP	3HP	3.5HP	4HP	5HP	6HP
Nominal Cooling Capacity	W	1800	2300	3800	4800	5750	6300	3800	4950	5600	6600	7700	9700	11300
Input Power	W	1000	1200	2000	2000	2720	3200	1800	2120	2650	3100	3670	4430	5200
Hot Water Flow Rate @50℃	L/h	80	100	150	170	210	240	150	170	210	240	280	350	400
Hot Water Flow Rate @60℃	L/h	30	40	60	70	90	100	60	75	90	100	120	150	175
Hot Water Flow Rate @65℃	L/h	20	25	40	45	60	65	40	50	60	65	80	100	115
Water Outlet Temp.		Setting between 20-70℃. Factory setting temperature 65℃,Max. water outlet 70℃												
Fitting With Control Box		TEC100D		TEC300D				TEC300S			TEC500S			TEC600S
Safety protect		1.High/low pressure protection; 2.Overload protection; 3.Temperature alarm. 4.Compressor start delay												
Rate Current	A	5.7	6.9	12.3	13.7	17.6	20.2	4.5	4.5	6	7.5	8	9.7	12.7
Max.Load Current	A	8.5	10.5	16.8	18.8	24	25	6.8	6.8	9	11	11.5	14	18.5
Start Curent	A	33	36.5	58	65	85	102	30	36	46	51	56	71	79
Voltage/Hz	V/Hz	230-240V~ 50						400-415V, 3N~50						
Evaporating Temp.	℃	-15~10℃			-15~5℃									
Ambient Temp.	℃	10~45℃												
Compressor Model		Piston Comp.			Hermetic Scroll Compressor									
Condenser Air Volume	M ³ /hr	1000	1500	2200	2200	3200	3200	2200	2200	3200	3200	4200	5400	6400
Condenser Fan Power	W	110	130	180	180	320	320	180	180	320	320	320	340	640

Fan Diameter	mm	Φ350	Φ350	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	2xΦ450	2xΦ450
Gas Pipe Diameter	in.	1/2	1/2	5/8	5/8	5/8	3/4	5/8	5/8	5/8	3/4	3/4	7/8	7/8
Liquid Pipe Diameter	in.	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	3/8	1/2	1/2	1/2	1/2
Diam. Of water inlet/outlet pipe	mm	DN20											DN25	
Refrigerant		R404A												
Refrigerant Injection	Kg	1.3	1.8	2.7	3.5	4.2	5	2.7	3.5	4.2	5	5.3	6.8	7.8
Noise @1m	dB(A)	50	50	59	59	68	68	59	59	68	68	68	62	72
Noise @10m	dB(A)	36	36	38	38	41	41	38	38	41	41	41	40	43
Net Weight	Kg	50	50	78	80	80	95	78	80	80	95	103	125	135
Reference Cool Volume	M ³	16	20	40	50	60	70	40	50	60	70	80	105	125
Reference Evaporation Area	M ²	9	12	18	26	30	32	18	26	30	32	35	42	55
Reference Evaporation Area	M ²	9	12	18	26	30	32	18	26	30	32	35	42	55
Reference Heat Water Tank Bulk(L)	L	80-150		120-300			200-400	120-300			200L-400L		300L-500L	
Stand Heat Water Tank Bulk	L	120		200			300	200			300		400	

Note: 1.The specs are subject to change, with technology improvement.

2.Test condition of Nominal Capacity: Evaporating Temp.: -7°C, Ambient Temp.: 32°C, Suction Temp.: 5°C, Water flow 1.2m³/H