

Technical Specification of VAHP

	Description	Unit	Cooling Mode	Sim Cooling – Heating Mode
	Capacity (± 3 %) :	TR	35	17.5
A Chilled Water Circuit :				
1.	Chilled water flow	m ³ /hr	21.8	21.8
2.	Chilled water inlet temperature	°C	4	4
3.	Chilled water outlet temperature	°C	-1	1.5
4.	Chilled water circuit pressure drop	M OF WATER	6.5	
5.	Glycol type		Propylene	
6.	Chilled water glycol %	%	15	
7.	Maximum working pressure	kg/cm ² (g)	8	
B Cooling Water Circuit:				
1.	Cooling water flow	m ³ /hr	65	65
2.	Cooling water inlet temperature	°C	32.0	40.0
3.	Cooling water outlet temperature	°C	35.5	42.2
4.	Cooling water circuit pressure drop	M OF WATER	8.0	
5.	Maximum working pressure	kg/cm ² (g)	8	
C Steam Circuit :				
1.	Steam pressure	kg/cm ² (g)	8.0	8.0
2.	Steam Consumption	Kg/hr	207	155.78
3.	Condensate drain temperature	°C	80 – 100	
4.	Condensate drain pressure	kg/cm ² (g)	1.0	
5.	Connection - Inlet diameter	DN	80	
6.	Connection - Drain diameter	DN	40	
7.	Maximum working pressure	kg/cm ² (g)	10.5	
D Electrical Data :				
1.	Power supply		415 V(±10%), 50 Hz (±5%), 3 Phase+N	
3.	Absorbent pump rating	kW	2.2	
4.	Refrigerant pump rating	kW	0.3	
5.	Vacuum pump rating	kW	0.75	
E Physical Data :				
1.	Length	Mm	3070	
2.	Width	Mm	2050	
3.	Height	Mm	2700	
4.	Operating weight	Ton	6.90	
6.	Dry weight	Ton	5.50	
7.	Shipping Weight	Ton	6.3	
8.	Tube cleaning space	Mm	2500	

PS: 1. This selection is valid for insulated chiller only.

2. For non-insulated chiller, the capacity & heat source consumption will vary