

V-HOT AL PRO

TECHNICAL SPECIFICATION (AS PER LEGAL METROLOGY GUIDELINES)

1	System capacity	100,150,200 & 300 Liters per day
2	Make	V-GUARD INDUSTRIES LTD
3	System Water output temperature	10-35°C temperature rise from ambient temperature
4	Type of Collector	ETC (Evacuated Tube Collector)
5	ETC Spec	3 Layer Tubes (Cu-SS-AlN)
6	No. Of Headers	Nil
7	No of ETC	100 LPD: 10 Nos, 150LPD: 15 Nos, 200 LPD: 20 Nos, 300 LPD: 29 Nos.
8	ETC Size	Ø58 x 1800 mm
9	Application	Bathing/Washing
10	Utility Points	100 LPD: 2 Nos, 150 LPD: 3 Nos, 200 LPD: 4 Nos, 300 LPD:
11	No of Persons can use hot water	100 LPD: 2-3 Nos, 150 LPD: 4-5 Nos, 200 LPD: 5-6 Nos, 300 LPD: 5 Nos.
12	Back up Heater capacity(optional)	2 Kw with Thermostat
13	Support Structure	Angular Section steel with Black Powder coating for long life,
14	Working Pressure	8 kg/cm ²
15	Min Area required for installation (NS x EW)	100 LPD: 2.19 x 1.23 M, 150 LPD: 2.19 x 1.62 M, 200 LPD: 2.19 x 2.01 M, 300 LPD: 2.19 x 2.70 M

16	System height from the base	1.18 M
17	Overnight Temp Drop	≤5°C
18	Approx. Weight of the Storage tank	100 LPD: 18 Kg, 150 LPD: 22 Kg, 200 LPD: 27 kg, 300 LPD: 36 kg.
19	Inlet and Outlet Piping	3/4" BSP
	Tank Specifications	
20	Inner Tank	SS304L
	Inner Tank/End dish Thickness	1 mm/1.2 mm
	Tank Welding	High quality TIG Welding
	Insulation	≥50mm thick High density PUF insulation with uniform density of Minimum 36 kg/m ³
	Outer Cladding	Aluminum Stucco
	Outer Cladding Thickness	0.7mm
	End Caps	Aluminum, Powder coated Black
	Anode Protection	Aluminum Alloy
	Tank Packing	5 / 7Ply, Carton
21	Water Hardness handling capacity	pH : 6.5-8.5, Total Hardness : 300 PPM (max), Alkalinity : 200 (max), TDS : 500 (max), Chloride : 200 (max)