





Model	AIHD 300L	AIHD 200L	AIHD 80L	AIHD 100L
Appearance				
Volume	300L	200L	80L	100L
Rated Heating Capacity(KW)	1.8KW	1.8KW	1KW	1KW
Heating Power Input(KW)	0.46KW	0.46KW	0.27KW	0.27KW
Heating Current Input(A)	2A	2A	1.2A	1.2A
Rated power input(KW)	2.05KW	2.05KW	1.8KW	1.8KW
Rated Current input(A)	8.92A	8.92A	8.2A	8.2A
Power Supply (V/P/HZ)	230V~1/50HZ	230V~50HZ	230V~50HZ	230V~50HZ
Energy Efficiency Class	A+	A++	A+	A+
COP(EN16147)20/15°C	3,715	3,572	3,235	3,11
COP(EN16147)14/13°C	3,367	3,584	2,956	3,09
COP(EN16147)7/6°C	3,143	3,176	2,542	2,568
COP(EN16147)2/1°C	2,934	2,976	/	/
Hot Water Volume	38	38	21	21
Heating time from 15 to 55°C (ambient installation 15°C air) (H)				
	7,03	4,76	3,8	4,8
Refrigerant	R134a	R134a	R134a	R134a
Qty of Refrigerant	1250g	1250	850g	850g
Air Discharge Type	Vertical	Vertical	Vertical	Vertical
Air Volume (m3/h)	450	450	280	280
Available Static Pressure (Pa)	45	45	65	65
Water tank	Enamel	Enamel	Enamel	Enamel
Compressor	Hitachi	Hitachi	Hitachi	Hitachi
Controller	HW200+CM302	HW200+CM302	HW200+LED101+BM004	HW200+LED101+BM004
Condensor	Copper	Copper	Copper	Copper
Evaporator	7mm Finned Heat Exchanger	7mm Finned Heat Exchanger	7mm Finned Heat Exchanger	7mm Finned Heat Exchanger
Electric Heater (kw)	1,5	1,5	1,5	1,5
Defrosting	2-way valve	2-way valve	2-way valve	2-way valve
Noise (dB(A))	45	45	45	45
WIFI	/	/	/	/
Operation Range	-5°C ~ 43°C	-5°C ~ 43°C	-5°C ~ 43°C	-5°C ~ 43°C
Suggested Water Temp.	55°C	55°C	55°C	55°C
Max. Water Outlet Temp.	60°C	60°C	60°C	60°C
Water Tank Max. Water Pressure	1Mpa	1Mpa	1Mpa	1Mpa
Water Tank Rated Water Pressure	0.7Mpa	0.7Mpa	0.7Mpa	0.7Mpa
Operation Pressure(high side)	2,6	2,6	2,6	2,6
Operation Pressure(low side)	1,3	1,3	1,3	1,3
Water connection(inch)	3/4	3/4	0,5	1/2
Gross weight(kg)	151	107	84	82
Net weight(kg)	136	92	69	73
Dimension(L/W/H)mm Shipping	φ640*1870	φ560*1750	φ520*1215	φ520*1340
Dimension(L/W/H)mm	720×720×2020	630×630×1900	710×640×1390	710×640×1515
Qty Per 20ft/40ft	24/48	27/54	24/48	27/54