

# SPECIFICATIONS



DRAFT DATA - Subject to change

Model			CA0070HANH	CA0100HANH	CA0140HANH
Cooling (LWT 7°C/OAT 35°C)	Capacity	kW	65	100	130
	Power Input	kW	22.03	28.60	42.88
	EER	W/W	2.95	3.50	3.03
Cooling (LWT 18°C/OAT 35°C)	Capacity	kW	73	110	145
	Power Input	kW	18.96	23.40	40.28
	EER	W/W	3.85	4.70	3.60
Heating (LWT 35°C/OAT 7°C)	Capacity	kW	71	100	142
	Power Input	kW	16.14	20.00	30.87
	COP	W/W	4.4	5.00	4.60
Heating (LWT 45°C/OAT 7°C)	Capacity	kW	71	100	142
	Power Input	kW	18.93	24.20	36.90
	COP	W/W	3.75	4.13	3.85
Heating (LWT 55°C/OAT 7°C)	Capacity	kW	71	100	142
	Power Input	kW	22.90	29.10	43.50
	COP	W/W	3.1	3.44	3.26
Seasonal Energy Efficiency	SEER	W/W	4.6	4.88	4.82
	ns,c	%	181	192	190
	SCOP (35°C)	W/W	4.51	4.85	4.60
	ns,h	%	178	191	181
	SCOP (55°C)	W/W	3.65	3.85	3.80
Operating Temperature Range	ns,h	%	143	151	149
	Cooling	°C	-20-53	-20-53	-20-53
	Heating	°C	-30-50	-30-50	-30-50
	DHW	°C	-30-50	-30-50	-30-50
Leaving Water Temperature Range	Cooling	°C	-5-20	-5-20	-5-20
	Heating	°C	20-60	20-60	20-60
Storage Temperature Range (Tank)	DHW	°C	20-58	20-58	20-58
Power Supply		Ph/V/Hz	3N-/380-415V/50Hz	3N-/380-415/50	3N-/380-415/50
Sound Power Level		dB(A)	88	88	91
Sound Pressure Level		dB(A)	71	70	72
Waterside Heat Exchanger Type		-	Shell & Tube Heat Exchanger	Shell & Tube Heat Exchanger	Shell & Tube Heat Exchanger
Airside Heat Exchanger Type		-	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin	Copper Tube & Aluminum Fin
Refrigerant Throttle Type		-	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Compressor	Type		Inverter Scroll Compressor	Inverter Scroll Compressor	Inverter Scroll Compressor
	Quantity		1	2	2
Refrigerant	Type		R32	R32	R32
	Charge	kg	10	11*2	11*2
	CO2e	t	6.75	14.85	14.85
Fan	Type	-	Axial	Axial	Axial
	Motor Type		DC motor	DC Motor	DC Motor
	Airflow Rate	m3/h	25400	20500	25400
	Qty.	-	1	2	2
Water System	Water Resistance	kPa	53	40	60
	Water Flow Rate (Cooling)	m3/h	11.2	17.2	22.4
	Water Flow Rate (Heating)	m3/h	12.2	17.2	24.4
	Max. Pressure	MPa	1	1	1
	Water Pipe Size (Inlet/Outlet)	-	DN50/DN50	DN65/DN65	DN65/DN65
External Dimension	W x D x H	mm	1265 x 1210 x 2260	2260 x 1255 x 2260	2260 x 1255 x 2260
Packing Dimension	W x D x H	mm	1280 x 1230 x 2400	2280 x 1275 x 2400	2280 x 1275 x 2400
Weight	Unit weight	kg	500	910	910
	Gross weight	kg	515	940	940
	Weight in operation	kg	525	940	940

1. Haier reserves the right to change these specifications without prior notice.

2. Ratings calculated according to EN14511 and EN14825.

3. ns calculated according to Ecodesign regulation for chillers comfort cooling and heating (813/2013, 2016/2281)

4. Ecodesign figures are calculated following variable outlet approach.

5. Sound data is tested in Haier lab, which may vary according to different installation conditions.

6. The resistance parameters listed in the table do not account for the resistance of the included water filter.

7. For further information, please contact Haier staff.