Haier

NEW

SERENE

A+++ ↑ D

2,5 kW

3,5 kW

5,0 kW

7,1 kW

hOn

Integrated
Wi-Fi Control

Standard HJ1-W/B



Haier Serene, the new indoor unit with the highest energy efficiency class of A+++. The Serene air conditioner combines performance, comfort and healthy air. Featuring advanced technologies such as the new UVC Plus and 56°C Steri-Clean, it effectively eliminates bacteria and impurities. Available in both black and white versions in 2,5 kW, 3.5 kW, 5 kW and 7.1 kW, its ultra-quiet operation and remote control via hOn WiFi make it the ideal choice for optimum everyday comfort.

KEY FEATURES

UVC Plus

UVC Plus

Self Clean

56°C

56°C Steri-Clean

Coanda Plus

Easy Installation

Silence

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MODEL	Indoor	Black	AS25SBBHRA-MB	AS35SBBHRA-MB	AS50SDBHRA-MB	AS71SEPHRA-MB
		White	AS25SBBHRA-MW	AS35SBBHRA-MW	AS50SDBHRA-MW	AS71SEPHRA-MW
	Outdoor	Standard	1U25DEBFRA-S	1U35DEBFRA-S	1U50KEBFRA-S	1U71WEPFRA-S
Performance data						
Output power - COOLING	nom (min-max)	kW	2,60 (0,8-3,4)	3,50 (0,8-3,8)	5,30 (2,0-6,3)	7,10 (2,1-8,0)
Output power - HEATING	nom (min-max)	kW	3,0 (0,7-3,7)	3,7 (0,7-4,0)	5,9 (1,35-6,8)	7,4 (1,5-8,5)
Absorbed power – COOLING	nom (min-max)	kW	0,65 (0,3-1,2)	1,05 (0,3-1,3)	1,46 (0,21-2,2)	1,97 (0,21-2,2)
Absorbed power – HEATING	nom (min-max)	kW	0,80 (0,3-1,4)	1,08 (0,3-1,4)	1,47 (0,5-2,7)	1,95 (0,6-3,2)
Energy class	EER	W/W	4,0	3,31	3,61	3,60
	COP	W/W	3,71	3,41	4,0	3,80
COOLING Pdesign	35 °C	kW	2,60	3,20	5,30	7,10
HEATING Pdesign	(-10 °C)	kW	2,50	2,80	4,70	5,60
Energy class	SEER		8,80 (A+++)	8,51 (A+++)	8,51 (A+++)	8,50 (A+++)
	SCOP		4,60 (A++)	4,60 (A++)	4,60 (A++)	4,60 (A++)
Annual Energy Consumption - COOLING		kWh/a	103	132	218	292
Annual Energy Consumption - HEATING		kWh/a	761	852	1430	1704
Indoor Unit						
Power supply		Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Treated air volume	H	m3/h	610/550	630/580	800/830	1060/910
Dehumidification		L/h	1,2	1,4	2,3	3,0
High sound power - COOLING		dB	58	60	60	65
High sound power - HEATING		dB	58	60	60	65
Sound pressure - COOLING		dB(A)	38/33/27/19	39/34/28/20	44/40/36/31	48/42/35/27
Sound pressure -HEATING		dB(A)	36/31/27/19	35/32/28/20	44/40/36/31	44/40/36/31
Net dimensions	WxDxH	mm	812x296x203	812x296x203	983x221x322	1119x246x349
Packaging dimensions	WxDxH	mm	876x365x272	876x365x272	1050x397x301	1185x428x331
Net/gross weight		kg	8,80/11,10	8,80/11,10	12,80/15,60	15,40/18,90
Outdoor Unit						
Power supply		Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Power cable		N x mm2	3x1,5	3x1,5	3x2,5	3x2,5
Interconnection cable		N x mm2	4x1,0	4x1,0	4x1,0	4x1,0
Sound power	H	dB	63	63	65	70
Sound pressure	H	dB(A)	49	51	55	57
Running current cooling/heating	Max	A	6,20/6,20	6,20/6,20	12,30/12,30	14,00/14,00
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5	2,0/2,0	2,0/2,0
Net dimensions	WxDxH	mm	753x275x549	753x275x549	820x306x642	890x340x705
Packaging dimensions	WxDxH	mm	875x360x608	875x360x608	940x390x697	1010x440x764
Net/gross weight		kg	22.4/24.8	24.0/26.4	36.3/39.1	43/47
Compressor type			Rotary inverter	Rotary inverter	Twin rotary inverter	Twin rotary inverter
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.70 (1/2)	15.88 (5/8)
Standard pipe length without refrigerant charge		m	5	5	7	7
Maximum pipe length		m	20	20	25	25
Maximum IU - OU elevation		m	10	10	15	15
Refrigerant charge in the factory		kg	0,54	0,55	1,10	1,35
Refrigerant charge in the factory		TCO2eq	0,36	0,37	0,74	0,91
Additional ref. charge over std length		g/m	20	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	21~35/-20~43			
Operating limits - HEATING (in/out)	min-max	°C	10~27/-20~24			

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