

# NEBULA NORDIC

Haier

MONOSPLIT

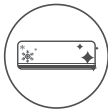
2,5 kW

3,5 kW

5,0 kW



Standard YR-HQ



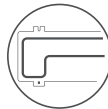
Self Clean



Wi-Fi control integrated



-30°C Heating



Freeze-Prevention Technology



Compressor Preheating Technology



3D



10°C Start

- Self-Clean
- Wi-Fi control integrated
- -30°C Heating
- Freeze-Prevention Technology
- Compressor preheating technology
- 3D airflow: continuous movement of horizontal and vertical deflectors
- 10°C Start

INDOOR UNIT	Model		AS25S2SN1FA-NRC	AS35S2SN1FA-NRC	AS50S2SN1FA-NRC
OUTDOOR UNIT	Model		1U25S2SQ1FA-NR	1U35S2SQ1FA-NR	1U50S2SQ1FA-NR
<b>Performance data</b>					
Output power - COOLING	nom (min-max)	kW	2,60 (0,80-3,90)	3,50 (1,00-4,50)	5,20 (1,40-7,00)
Output power - HEATING	nom (min-max)	kW	3,60 (0,80-6,30)	4,50 (1,00-6,60)	6,00 (1,50-8,00)
Absorbed power - COOLING	nom (min-max)	kW	0,600 (0,20-1,30)	0,972 (0,30-1,40)	1,440 (0,50-2,25)
Absorbed power - HEATING	nom (min-max)	kW	0,837 (0,40-2,20)	1,184 (0,40-2,35)	1,578 (0,60-3,00)
Energy class	EER	W/W	4,33	3,60	3,61
	COP	W/W	4,30	3,80	3,80
COOLING Pdesign	35 °C	kW	2,60	3,50	5,20
HEATING Pdesign	(-10 °C)	kW	3,60	4,00	5,20
Energy class	SEER		8,50 (A+++)	7,80 (A++)	7,40 (A++)
	SCOP		4,60 (A++)	4,60 (A++)	4,60 (A++)
Annual Energy Consumption - COOLING		kWh/a	107	157	246
Annual Energy Consumption - HEATING		kWh/a	1095	1217	1582
<b>Indoor Unit</b>					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Treated air volume	H	m <sup>3</sup> /h	650	700	900
Dehumidification		L/h	1,2	1,6	2,0
High sound power - COOLING		dB	54	56	57
High sound power - HEATING		dB	55	57	58
Sound pressure - COOLING		dB(A)	35/30/25/20	38/33/29/22	41/37/33/28
Sound pressure -HEATING		dB(A)	36/31/26/20	39/34/30/23	42/38/34/29
Net dimensions	WxDxH	mm	900x210x310	900x210x310	997x230x322
Packaging dimensions	WxDxH	mm	991x313x399	991x313x399	1085x329x403
Net/gross weight		kg	11,5/14,0	11,5/14,0	13,0/16,0
<b>Outdoor Unit</b>					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power cable		N x mm <sup>2</sup>	3 x 1,5	3 x 1,5	3 x 2,5
Interconnection cable		N x mm <sup>2</sup>	4 x 1,0	4 x 1,0	4 x 1,0
Sound power	H	dB	59	61	65
Sound pressure	H	dB(A)	47	48	53
Running current cooling/heating	Max	A	10,6/10,6	10,8/10,8	13/13
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5	2,0/2,0
Net dimensions	WxDxH	mm	820x338x614	820x338x614	890x353x697
Packaging dimensions	WxDxH	mm	993x413x685	993x413x685	1046x460x780
Net/gross weight		kg	38,5/42,0	38,5/42,0	45,5/49,5
Compressor type			Rotary inverter	Rotary inverter	Rotary inverter
<b>Installation data</b>					
Refrigerant			R32	R32	R32
Liquid pipe	Ø	mm (inch)	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)
Standard pipe length without refrigerant charge		m	7	7	7
Maximum pipe length		m	20	20	25
Maximum IU - OU elevation		m	10	10	15
Refrigerant charge in the factory		kg	1,00	1,00	1,20
Refrigerant charge in the factory		TCO <sub>2</sub> eq	0,68	0,68	0,81
Additional ref. charge over std length		g/m	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	21-35°C/-5-43°C		
Operating limits - HEATING (in/out)	min-max	°C	10-27°C/-30-24°C		