Haier

PEARL NORDIC

2,5 kW
3,5 kW
5,0 kW

Standard YR-HE2

Integrated
Wi-Fi Control



The Pearl Nordic series comes in 2.5kW, 3.5kW, and 5.0kW capacities, specially engineered for colder climates. As the newest member of our Nordic lineup, it boasts advanced Compressor Preheating Technology, Freeze Prevention, and reliable heating down to -30°C. Premium features like 56°C Steri-Clean, built-in hOn Wi-Fi control, and UVC Pro ensure year-round comfort in any weather.

KEY FEATURES

-30°C Heating

Freeze
Prevention

I Feel

UVC Pro

56°C
Steri-Clean

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MODEL	Indoor		AS25PCHHRA-NR	AS35PCHHRA-NR	AS50PDHHRA-NR
	Outdoor		1U25KEFFRA-NR	1U35KEFFRA-NR	1U50WEFFRA-NR
Performance data					
Output power - COOLING	nom (min-max)	kW	2,6 (0,8-3,9)	3,5 (1,0-4,5)	5,2 (1,4-7,00)
Output power - HEATING	nom (min-max)	kW	3,6 (0,8-6,4)	4,2 (1,0-7,4)	6,0 (1,5-8,3)
Absorbed power – COOLING	nom (min-max)	kW	0,6 (0,23-1,25)	0,86 (0,32-1,35)	1,39 (0,4-1,85)
Absorbed power – HEATING	nom (min-max)	kW	0,79 (0,3-2,2)	0,93 (0,3-2,4)	1,40 (0,5-3,0)
Energy class	EER	W/W	4,30	4,10	3,73
	COP	W/W	4,50	4,50	4,23
COOLING Pdesign	35 °C	kW	2,60	3,50	5,20
HEATING Pdesign	(-10 °C)	kW	3,60	4,20	6,00
Energy class	SEER		7,8 (A++)	7,7 (A++)	7,5 (A++)
	SCOP		4,6 (A++)	4,6 (A++)	4,6 (A++)
Annual Energy Consumption - COOLING		kWh/a	117	159	242
Annual Energy Consumption - HEATING		kWh/a	913	1187	1400
Indoor Unit					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Treated air volume	H	m3/h	620/615	680/660	800/830
Dehumidification		L/h	1,0	1,2	2,3
High sound power - COOLING		dB	55	56	58
High sound power - HEATING		dB	55	56	58
Sound pressure - COOLING		dB(A)	38/33/26/18	40/34/29/19	42/39/36/30
Sound pressure -HEATING		dB(A)	38/33/26/18	40/34/29/19	42/39/36/30
Net dimensions	WxDxH	mm	875x217x307	875x217x307	975x220x318
Packaging dimensions	WxDxH	mm	945x390x296	945x390x296	1050x397x301
Net/gross weight		kg	10,0/12,0	10,0/12,0	11,6/14,4
Outdoor Unit					
Power supply		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50
Power cable		N x mm2	3 x 1,5	3 x 1,5	3 x 2,5
Interconnection cable		N x mm2	4 x 1,0	4 x 1,0	4 x 1,0
Sound power	H	dB	62	63	63
Sound pressure	H	dB(A)	55	56	57
Running current cooling/heating	Max	A	5,7/9,5	6,1/10,5	8,5/14,0
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5	2,0/2,0
Net dimensions	WxDxH	mm	820x306x642	820x306x642	890x340x705
Packaging dimensions	WxDxH	mm	940x390x697	940x390x697	1046x460x780
Net/gross weight		kg	37,8/40,5	37,8/40,5	43,0/47,0
Compressor type			Twin rotary inverter	Twin rotary inverter	Twin rotary inverter
Installation data					
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)	12,7(1/2)
Standard pipe length without refrigerant charge		m	7	7	7
Maximum pipe length		m	20	20	25
Maximum IU - OU elevation		m	15	15	15
Refrigerant charge in the factory		kg	1,1	1,1	1,2
Refrigerant charge in the factory		TCO2eq	0,74	0,74	0,81
Additional ref. charge over std length		g/m	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	21~35/-15~43		
Operating limits - HEATING (in/out)	min-max	°C	10~27/-30~24		

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