

EXPERT NORDIC



2,5 kW

3,5 kW

Standard HR-HJ

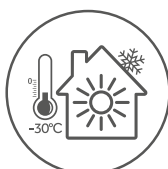


Integrated
Wi-Fi Control

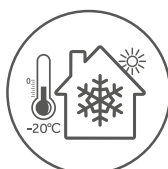


Expert Nordic, available in 2.5kW and 3.5kW with a sleek matte finish and exceptional A+++/A++ energy efficiency. This advanced series delivers market-leading features, including standard hOn Wi-Fi connectivity for smart control, UVC Pro sterilization (effective against SARS-CoV-2), and Eco Sensor technology. Engineered for reliability in cold climates, it ensures consistent performance even in low temperatures with intelligent Smart Defrosting technology.

KEY FEATURES



-30°C Heating



-20°C Cooling



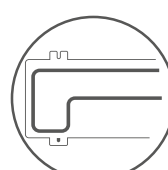
UVC Pro



56°C
Steri-Clean



Silence



Freeze
Prevention

MODEL	Indoor		AS25XCHHRA-NR	AS35XCHHRA-NR
	Outdoor		1U25KEHFRA-NR	1U35KEHFRA-NR
Performance data				
Output power - COOLING	nom (min-max)	kW	2,6 (1,00-3,50)	3,5 (1,00-4,40)
Output power - HEATING	nom (min-max)	kW	3,20 (1,00-7,40)	4,20 (1,30-7,90)
Absorbed power – COOLING	nom (min-max)	kW	0,577 (0,30-1,14)	0,823 (0,40-1,21)
Absorbed power – HEATING	nom (min-max)	kW	0,761 (0,40-2,40)	1,000 (0,40-2,40)
Energy class	EER	W/W	4,50	4,25
	COP	W/W	4,50	4,25
COOLING Pdesign	35 °C	kW	2,60	3,50
HEATING Pdesign	(-10 °C)	kW	3,00	3,60
Energy class	SEER		8,50 (A+++)	8,50 (A+++)
	SCOP		5,10 (A+++)	5,10 (A+++)
Annual Energy Consumption - COOLING		kWh/a	107	144
Annual Energy Consumption - HEATING		kWh/a	824	988
Indoor Unit				
Power supply		Ph/V/Hz	1/230/50	1/230/50
Treated air volume	H	m3/h	750	810
Dehumidification		L/h	1,2	1,6
High sound power - COOLING		dB	55	56
High sound power - HEATING		dB	55	56
Sound pressure - COOLING		dB(A)	42/32/24/18	43/33/24/18
Sound pressure -HEATING		dB(A)	42/32/24/18	43/33/24/18
Net dimensions	WxDxH	mm	895x236x313	895x236x313
Packaging dimensions	WxDxH	mm	964x386x316	964x386x316
Net/gross weight		kg	12,4/14,8	12,4/14,8
Outdoor Unit				
Power supply		Ph/V/Hz	1/230/50	1/230/50
Power cable		N x mm2	3 x 1,5	3 x 1,5
Interconnection cable		N x mm2	4 x 1,0	4 x 1,0
Sound power	H	dB	62	63
Sound pressure	H	dB(A)	55	56
Running current cooling/heating	Max	A	10,9/10,9	11,36/11,36
Starting current cooling/heating	Max	A	1,5/1,5	1,5/1,5
Net dimensions	WxDxH	mm	820x305x643	820x305x643
Packaging dimensions	WxDxH	mm	940x390x697	940x390x697
Net/gross weight		kg	35,7/38,5	35,7/38,5
Compressor type			Rotary Inverter	Rotary Inverter
Installation data				
Refrigerant			R32	R32
Liquid pipe	Ø	mm (inch)	6,35 (1/4)	6,35 (1/4)
Gas pipe	Ø	mm (inch)	9,52 (3/8)	9,52 (3/8)
Standard pipe length without refrigerant charge		m	7	7
Maximum pipe length		m	20	20
Maximum IU - OU elevation		m	10	10
Refrigerant charge in the factory		kg	1,1	1,1
Refrigerant charge in the factory		TCO2eq	0,743	0,743
Additional ref. charge over std length		g/m	20	20
Operating limits - COOLING (in/out)	min-max	°C	21-35/-20-43	
Operating limits - HEATING (in/out)	min-max	°C	10-27/-30-24	