

NØRDIS Four-Way Cassette Air Conditioners

SPLIT TYPE AIR CONDITIONERS - AIR-TO-AIR HEAT PUMPS

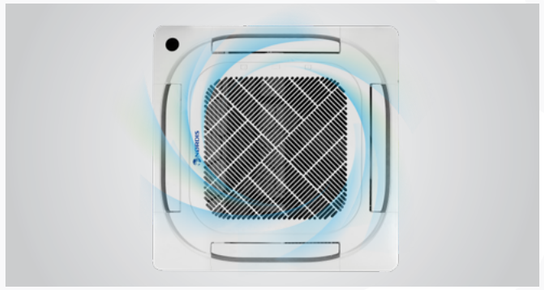


WiFi | Inverter | R32

Wide Air Distribution and Versatile Design

The NØRDIS NIC-NOA air conditioner models distribute the air over a wide 360° range, making them ideal for use in large spaces.

The range of cassette air conditioners offers a wide choice of sizes and capacities, including compact yet powerful models that fit well in even the most delicate interiors.





CoolSurround 360°

The unique seamless air outlet blade design, combined with the DC fan motor, allows cool air to spread and flow downward in all directions at 360°, delivering a uniform cooling experience throughout the entire space.

Designed for Easy Installation

The ergonomically curved metal hook makes it easier to carry and lift the unit. The conveniently positioned water pump and pipe-connection installation method significantly reduce the steps required during installation.

Memory Function for Louver Position

The louvers automatically return to their previous position when you restart the air conditioner, letting you enjoy your preferred cooling settings every time you switch it on.

Built-in Drain Pump

The drain pump can lift condensate water up to 750 mm, making drainage pipe installation convenient in most conditions. It is suitable for grid ceilings and offers a high degree of installation flexibility, allowing it to be placed alongside lights and ventilation openings.

Flexible Wi-Fi Control Solutions

Wired controllers for LCAC units, ensuring convenient operation and reliable climate control. Selected models support Wi-Fi connectivity for remote smartphone access.



NØRDIS Cassette Air Conditioners Technical Data

Model			NIC-NOA 12	NIC-NOA 18	NIC-NOA 24	NIC-NOA 30	NIC-NOA 36	NIC-NOA 36-3	NIC-NOA 48-3	NIC-NOA 55-3
Cooling	Capacity	kW	3,52 (0,85-4,11)	5,28 (2,90-5,59)	7,03 (3,30-7,91)	8,79 (2,23-9,38)	10,55 (2,70-11,43)	10,55 (2,70-11,43)	14,07 (3,52-15,83)	15,24 (4,10-16,71)
	Electricity Consumption	W	1010 (168-1434)	1633 (720-2088)	2320 (780-2748)	2750 (190-3000)	3950 (900-4200)	4000 (890-4150)	4650 (800-5900)	5000 (980-6200)
	Power Current	A	4,45 (1,32-6,31)	7,2 (3,2-9,2)	10,2 (4,2-12)	12,0 (2,0-13,0)	17,5 (4,2-18,5)	6,5 (1,4-6,5)	8,1 (1,8-10,2)	8,6 (2,1-10,7)
	SEER		6,6	6,3	6,2	6,6	6,7	6,4	6,1	6,3
	EER		3,47	3,40	3,28	3,54	3,33	3,29	3,26	3,26
Heating	Capacity	kW	3,81 (0,47-4,31)	5,57 (2,37-6,10)	7,62 (2,81-8,94)	9,38 (2,70-9,73)	11,14 (2,78-12,30)	11,14 (2,78-12,66)	16,12 (4,10-17,29)	18,17 (4,40-19,93)
	Electricity Consumption	W	1019 (124-1376)	1540 (700-1930)	1900 (610-2700)	2450 (430-2550)	3000 (800-3950)	3000 (780-4000)	4580 (900-5500)	5550 (1020-6700)
	Power Current	A	4,73 (1,04-6,07)	6,8 (3,1-8,5)	8,5 (3,6-12,1)	11,0 (3,0-11,5)	13,5 (3,5-17,5)	5,0 (1,3-6,4)	8,0 (1,9-9,5)	9,6 (2,1-10,7)
	SCOP		4,1	4,0	4,0	4,2	4,0	4,0	4,0	4,0
	COP		3,74	3,57	4,01	3,83	3,71	3,71	3,73	3,76
Energy Class			A++/A+							
Indoor Unit	Power Supply	V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1 /50	220-240~/1/50	220-240~/1/50	380-415 ~/ 3 /50	380-415 ~/ 3 /50	380-415 ~/ 3 /50
	Dimension (WxHxD)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x245	830x830x245	830x830x287	830x830x287
	Dimension of Package (WxHxD)	mm	662x662x317	662x662x317	910x910x250	910x910x290	910x910x290	910x910x290	910x910x330	910x910x330
	Panel Dimensions (WxDxH)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55
	Dimension of Panel Package (LxWxH)	mm	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Weight Netto/Bruto	kg	16,3/20,4	16/20,6	21,6/25,4	24,6/28,6	27,2/31,2	27,2/31,2	29,3/33,5	29,3/33,5
	Panel Weight Netto/Bruto	kg	2,5/4,5	2,5/4,5	6/9	6/9	6/9	6/9	6/9	6/9
	Air Flow Volume	m^3/h	620/510/420	720/620/500	1300/1140/1000	1720/1550/1400	1700/1550/1380	1800/1600/1400	1970/1780/1580	2000/1850/1650
	Sound Pressure Level	dB (A)	41/36/33/25,5	43/39,5/35,5/29	45,5/42,5/39,5/27	49,5/47/44/38,5	50/47,5/44,5/39	50/47,5/44,5/39	51/48,5/46,5/37,5	53/50,5/48/40
	Wi-Fi		Integrated							
Outdoor Unit	Power Supply	V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	380-415~/3/50	380-415~/3/50	380-415~/3/50
	Dimension (WxHxD)	mm	765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	946x810x410	980x975x415	980x975x415
	Dimension of Package (WxHxD)	mm	887x610x337	915x615x370	995x740x398	1090x885x500	1090x885x500	1090x885x500	1145x1080x500	1145x1080x500
	Weight Netto/Bruto	kg	26,6/29	32,5/35,2	41,9/45,2	51/55,7	80,5/85	66,9/71,5	90/105	92/107
	Max. Air Flow Volume	m^3/h	2200	2100	3500	3800	4000	4000	5600	5600
	Sound Power	dB (A)	60	63	69	70	70	70	73	74
Refrigerant Liquid	Refrigerant Charge R32	kg	0,72	1,15	1,5	2,0	2,4	2,4	2,9	3,0
	GWP		675	675	675	675	675	675	675	675
	Additional Refrigerant	g/m	12	12	24	24	24	24	24	24
Connection Pipe	Pipe Diameters	mm(in)	6,35(1/4)/9,52(3/8)	6,35(1/4)/12,7(1/2)	9,52 (3/8)/15,9 (5/8)	9,52(3/8)/ 15,88(5/8)	9,52(3/8)/ 15,88(5/8)	9,52(3/8)/ 15,88(5/8)	9,52(3/8)/ 15,88(5/8)	9,52(3/8)/ 15,88(5/8)
	Max. Distance Length	m	25	30	50	50	75	75	75	75
	Max. Elevation	m	10	20	25	25	30	30	30	30
Power Cable	Power Cable	mm^2	3x1,5	3x1,5	3x2,5	3x2,5	3x4,0	5x2,5	5x2,5	5x2,5
	Automatic Switch	A	16	16	16	16	20	16	16	16
	Communication Cable	mm^2	4x1,0	4x1,0	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5
Operation Temperature Range	Cooling	°C	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24	-20-24
Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.										