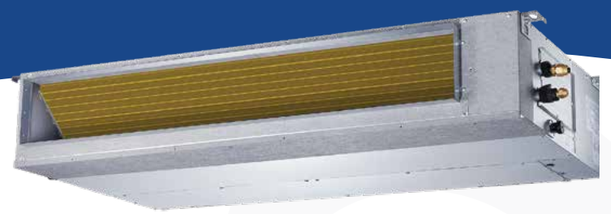
NØRDIS Ducted Air Conditioners

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







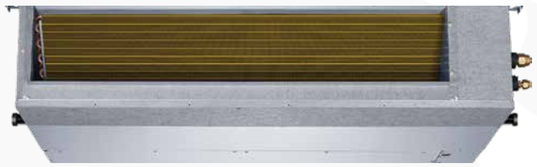
Inverter Technology

R32

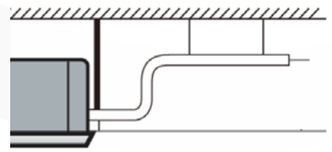
Wide Air Distribution and Versatile Design

NORDIS NID-NOA air conditioner models can be conveniently installed in narrow spaces, beams or ceilings. High static pressure ducted air conditioner models guarantee maximum comfort in large spaces.

The air intake of the indoor unit can be connected to either the rear or the bottom of the unit, making it easily adaptable to any building and room.



22% smaller



Lightweight and Compact Design

With nearly 20% less weight and 12.5% smaller dimensions compared to conventional units, the A6 duct makes installation significantly easier and faster, while also providing more space for maintenance.

PrimeGuard Coating for Lasting Performance

The exclusive golden anti-corrosion coating on the heat exchangers is designed to withstand salty air, rain, and other corrosive elements. In addition, it effectively prevents bacterial growth and enhances thermal efficiency.

Flexible Wi-Fi Control Solutions

LCAC units offer two Wi-Fi control options: the WF-60A1 Wi-Fi module or the KJR-120N wired controller with built-in Wi-Fi. The KJR-120N eliminates the need for an additional module, simplifying installation while enabling full smartphone control.



Up to 160Pa High Static Pressure

With the new eccentric fan motor, the Nid-Noa ducted unit can be installed in various applications requiring high static pressure of up to 160Pa.

NØRDIS Ducted Air Conditioners Technical Data

Model			NID-NOA 18	NID-NOA 24	NID-NOA 30	NID-NOA 36	NID-NOA 36-3	NID-NOA 48-3
Cooling	Capacity	kW	5,28 (2,55-5,86)	7,09 (3,23-792)	7,03 (3,28-8,16)	10,55 (2,75-11,73)	10,55 (2,73-11,78)	14,07 (3,52-15,53)
	Electricity Consumption	W	1530 (710-2150)	2280 (750-2860)	2500 (190-3050)	3950 (900-4300)	4000 (890-4200)	4800 (880-6000)
	Power Current	A	7,1 (3,2-9,56)	10 (4,2-12,6)	10,2 (4,2-13,2)	17,5 (4,2-19)	6,5 (1,4-6,7)	8,4 (1,9-10,4)
	SEER		6,5	6,6	6,5	6,3	6,1	6,1
	EER		3,45	3,11	2,81	2,67	2,64	2,93
Heating	Capacity	kW	5,57 (2,20-6,15)	8,0(2,79-8,56)	9,38 (2,70-10,02)	11,72(2,78-12,61)	11,72 (2,78-12,84)	16,12 (4,10-18,17)
	Electricity Consumption	W	1510 (740-1760)	2000 (640-2500)	2250 (430-2450)	3250 (800-3950)	3250 (780-4000)	4500 (950-5700)
	Power Current	A	7,1 (3,2-9,56)	9 (3,8-11)	11,0 (2,0-13,5)	14,5 (3,5-17,5)	6,5 (1,4-6,7)	8,4 (1,9-10,4)
	SCOP		4	5,6	4	4,1	4,0	4
	COP		3,69	4	4,17	3,61	3,61	3,58
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	380-415 ~/ 3 /50	380-415 ~/ 3 /50
	Dimension (WxHxD)	mm	880x674x210	1000x750x245	1360x774x249	1200x750x245	1360x774x249	1200x874x300
	Dimension of Package (LxWxH)	mm	1070x725x280	1225x860x304	1570x805x330	1425x860x304	1570x805x330	1405x915x365
	Weight Netto/Bruto	kg	24,4/29,6	31,8/37,2	40,5/48,3	38,4/44,4	40,5/48,2	47,6/55,8
	Air Flow Volume	m^3/h	911/706,3/515,2	1200/1000/700	2100/1800/1500	1700/1400/1100	2100/1800/1500	2400/2040/1680
	Sound Pressure Level	dB (A)	41/38/34/26	33,5/32,5/31	50/46,5/45/40,5	38/36/33	49,5/48/46/42,5	50/49/47/42
Outdoor Unit	Power Supply	V/Ph/Hz	220-240~/ 1 /50	220-240~/1/50	220-240~/1/50	220-240~/ 1 /50	380-415~/3/50	380-415~/3/50
	Dimension (WxHxD)	mm	805x554x330	890x673x342	946x810x410	946x810x410	946x810x410	980x975x415
	Dimension of Package (WxHxD)	mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1090x885x500	1145x1080x500
	Weight Netto/Bruto	Kg	32,5/35,2	41,9/45,2	51/55,7	80,5/85	66,9/71,5	90/105
	Max. Air Flow Volume	m^3/h	2100	3500	3800	4000	4000	5600
	Sound Power	dB (A)	65	69	70	70	70	73
Refrigerant Liquid	Refrigerant Charge R32	kg	1,15	1,4	1,8	2,4	2,4	2,9
	GWP		675	675	675	675	675	675
	Additional Refrigerant	g/m	12	24	24	24	24	24
Connection Pipe	Pipe Diameters	mm(in)	6,35 (1/4)/12,7 (1/2)	9,52 (3/8)/15,9 (5/8)	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)/15,9 (5/8)
	Max. Distance Length	m	30	50	50	75	75	75
	Max. Elevation	m	20	25	25	30	30	30
Power Cable	Power Cable	mm^2	3x2,5	3x2,5	3x2,5	3x4,0	5x2,5	5x2,5
	Automatic Switch	A	16	16	16	20	16	16
	Communication Cable	mm^2	4x1,0	4x1,0	4x1,0	4x1,0	4x1,0	4x1,0
Operation Temperature Range	Cooling	°C	-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
Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.								