NØRDIS Lyra

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





AI · WiFi* · R32 · Inverter Technology

SMART ENERGY MANAGEMENT WITH AI 2.0
offline energy saving in both cooling & heating

EFFICIENT HEATING AND COOLING

REVERSE FAN BLOW
the outdoor unit fan blows dust off before operation – cleaner heat exchanger

7 FAN SPEEDS
for different airflow needs.

+8 °C FUNCTION
for maintaining a constant temperature in non-permanent living spaces

"I FEEL" TECHNOLOGY
enables smart temperature control and creates a more pleasant atmosphere

ANTI-DIRECT AIR FLOW
with dimpled design and Coandă effect for lifted, uniform air circulation

*ADDITIONAL MODULE FOR REMOTE CONTROL
the Wi-Fi module lets you control your air conditioner directly from your smartphone (Android and iOS). With the app, you can switch your air-to-air heat pump on or off remotely, manage its functions, and schedule operation anytime, anywhere

Model			L09TC1	L12TC1	L18TC1	L24TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,62 (0,94-3,30)	3,520 (0,6-3,75)	5,140 (1,25-5,91)	7,02 (1,83-8,00)
	Cooling Power Input nom (min-max)	kW	0,811 (0,24-1,380)	1,053 (0,16-1,60)	1,567 (0,33-2,35)	2,118 (0,39-2,70)
	Cooling Rated Current	A	5,4 (1,2-8,0)	5,2 (1,3-9,0)	6,9 (1,5-12,0)	9,5 (1,7-13,0)
	SEER		6,4	6,7	6,8	7
	EER		3,2	3,3	3,3	3,3
	Energy Class		A++	A++	A++	A++
Heating	Capacity	kW	2,70 (1,0-3,81)	3,57 (0,6-3,90)	5,21 (1,25-6,07)	7,12 (1,85-8,0)
	Heating Power Input nom(min-max)	kW	0,726 (0,29-1,72)	0,954 (0,16-1,6)	1,376 (0,34-2,55)	1,864 (0,39-2,8)
	Heating Rated Current	A	4,8 (1,5-9,0)	4,9 (1,5-9,0)	6,2 (1,6-13,0)	8,4 (1,7-14,0)
	SCOP		4	4	4	4
	COP		3,7	3,7	3,8	3,8
	Energy efficiency class (moderate climate zone)		A+	A+	A+	A+
Wi-Fi*			+*	+*	+*	+*
Indoor Unit						
Dimensions (WxHxD)		mm	778×272×192	778×272×192	910×305×195	1005×321,5×220
Dimension of Package (WxHxD)		mm	840×335×255	840×335×255	979×380×265	1096×390×297
Weight Netto		kg	7,3	8,5	9	12
Weight Brutto		kg	9,5	10,5	11	14
Air Flow Volume		m^3/h	550/520/490/450/410/370/330	550/520/470/440/410/390/350	800/760/690/630/580/540/440	1000/950/880/780/730/680/570
Sound Pressure 1m Distance		dB (A)	42/38/36/32/30/26/22	44/40/38/35/31/27/22	47/43/40/37/34/31/27	52/48/44/42/40/35/30
Sound Power		dB (A)	53/49/46/43/39/35/32	54/50/47/44/40/36/32	56/53/50/47/44/41/37	62/59/53/49/47/44/40
Outdoor Unit						
Dimension (WxHxD)		mm	712×459×276	777×498×290	853×602×349	920×699×380
Dimension of Package (WxHxD)		mm	765×481×310	818×515×325	890×628×385	949×732×392
Weight Netto		kg	20	22,5	30	37,5
Weight Brutto		kg	22	24	32,5	40,5
Air Flow Volume		m^3/h	1700	1900	2600	3000
Sound Pressure 1m Distance		dB (A)	54	54	55	57
Sound Power		dB (A)	62	63	65	67
Connection Pipe	Pipe Diameters	in/mm	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-3/8" (Ø6,35-Ø9,53)	1/4"-1/2" (Ø6,35-Ø12,70)
	Refrigerant R32 Charge	kg	0,52	0,53	0,78	1
	Additional Refrigerant	g/m	15	15	25	25
	Track Length without Additional Refrigerant	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Cables and Protection Devices	Power Cable	mm^2	3×1,5	3×2,5	3×2,5	3×2,5
	Automatic Switch	A	10	16	16	16
	Communication Cable	mm^2	4×0,75	4×0,75	4×0,75	4×0,75
Cooling Operation Ambient Temperature Range		°C	-15-53	-15-53	-15-53	-15-53
Heating Operation Ambient Temperature Range		°C	-20-30	-20-30	-20-30	-20-30

*Remote control of the device requires additional Wi-Fi module integration. For purchasing the additional Wi-Fi module, please contact NØRDIS sales representatives.

Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.