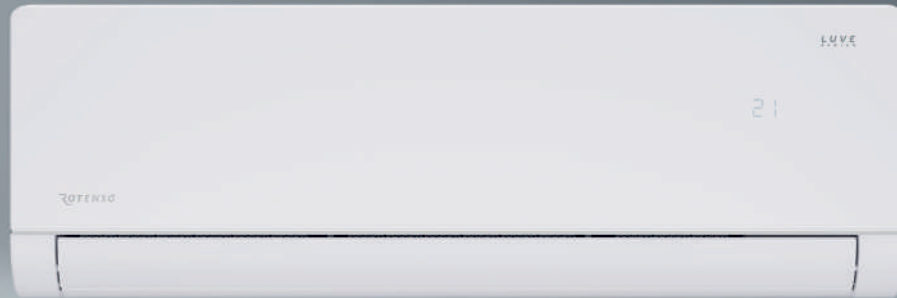


# Room Air Conditioner

Luve LE50X <sup>[R16]</sup>



## Key features of the device

SKY <sup>®</sup> Digital DC Inverter	iAIR Automatic purification	iClean Automatic purification <sup>(1)</sup>	iAIR 3-in-1 filter (Ca + Si.Ion + vit. C) <sup>(*)</sup>	iAIR 3-in-1 filter (Phot. + Act.C + Nano) <sup>(**)</sup>	iAIR HD pre-filter	eMOTO Super silent mode	Automatic 4D louvres
DuoFlow double louvre	eMOTO Windless mode	eMOTO Turbo mode	eMOTO Airflow control system	Louvre setting memory	Eco SMART mode	eMOTO Wide-angle airflow	Aroma discs
SMART Wi-Fi function	Built-in SMART Wired controller port	Smart panel display ON/OFF	SMART Follow mode	Wireless remote controller	Wired controller <sup>(2)</sup>	SMART heating 8°C function	Auto restart memory
Anti-corrosive gold-plated fins	Drip tray heater	Compressor winding heating <sup>(1)</sup>	Silence mode <sup>(1)</sup>	Timer	Cooling at low ext. temp. -15°C	Heating at low ext. temp. -25°C <sup>(1)</sup>	Double-sided condensate drainage
Self-diagnosis function	Sleep mode	Energy consumption optimization <sup>(1)</sup>	Built-in ON/OFF switch <sup>(3)</sup>	Built-in Modbus BMS port			

1. Function not available in the Multisplit system. 2. Function available as an option. 3. Normally Open.

\* iAIR 3-in-1 filter: Catechin + Silver Ion + Vitamin C

\*\* iAIR 3-in-1 Filter: Photocatalytic + Activated carbon + Cold Nano

# Technical Specification

Model				Luve 5.3 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	5,260 (1,250-6,000)
Rated input		Nom. (Min. - Max.)	W	1,421 (330-2,360)
Operating current		Nom. (Min. - Max.)	A	6.2 (1.4-10.3)
Capacity	Heating	Nom. (Min. - Max.)	W	5,600 (1,250-6,800)
Rated input		Nom. (Min. - Max.)	W	1,407 (340-2,750)
Operating current		Nom. (Min. - Max.)	A	6.1 (1.5-12.0)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	5.2
SEER			W/W	8.5
Energy efficiency class for cooling				A+++
Annual electric energy consumption - cooling			kWh/a	215
Design load in heating mode (T <sub>biv</sub> -7°C)			kW	4.2
SCOP			W/W	4.6
Energy efficiency class - heating				A++
Annual electric energy consumption - heating			kWh/a	1,279
Dehumidification			l/h	1.8
Maximum energy consumption			W	2,750
Maximum operating current			A	12.0
Indoor unit				LE50Xi R16
EAN product code				5905567608704
Fan speed	T / H / M / ML / L / S	rpm	1,160 / 940 / 880 / 810 / 750 / 680	
Air flow	T / H / M / ML / L / S	m³/h	860 / 740 / 680 / 630 / 570 / 510	
Sound pressure level	T / H / M / ML / L / S	dB(A)	47 / 38 / 33 / 30 / 27 / 23	
Sound power level		dB(A)	57	
Rated input		W	52	
Operating current		A	0.2	
Net dimensions	W × D × H	mm	909 × 209 × 305	
Gross dimensions	W × D × H	mm	981 × 275 × 375	
Net Weight / Gross Weight		kg	10.6 / 13.4	
Condensate drain		mm	16	
Outdoor unit				LO50Xo R16
EAN product code				5905567608728
Fan speed	T / H / M / L / S	rpm	850 / 830 / 710 / 610 / 530	
Maximum air flow		m³/h	3,000	
Sound pressure level		dB(A)	55	
Sound power level		dB(A)	65	
Net dimensions	W × D × H	mm	927 × 380 × 699	
Gross dimensions	W × D × H	mm	950 × 420 × 777	
Bracket spacing	W × D	(mm)	586 × 348	
Net Weight / Gross Weight		kg	38 / 41	
Refrigerant	Type		R32	
	Global Warming Potential (GWP)		675	
	Charge (up to 5 m)	kg	0.87	
		TCO <sub>2</sub> eq	0.588	
Charge (more than 5 m)	g/mb	25		
Pipe connections	Liquid / Gas	mm (inches)	Φ6.35 / Φ12.7 (1/4" / 1/2")	
Maximum installation length		m	25	
Maximum height difference		m	10	
Compressor type				Rotary DC
Type of outdoor unit power supply		V-Hz, Ø	220-240-50, 1f	
Protection		A	B16	
Power cables: outdoor unit	L < 20 m	qty. × mm²	3 × 1.5	
Control and power cables: outdoor unit - indoor unit		qty. × mm²	4 × 1.5	
Control and power cables: Hiro unit - indoor unit		qty. × mm²	4 × 1	
Indoor operating range (Cooling / Heating)		°C	16~32 / 0~31	
Outdoor operating range (Cooling / Heating)		°C	-15~53 / -25~30	
Compatible systems				
1:1 SINGLE				•
1:2 DUAL				
1:X MULTI S-Line				
1:X MULTI N-Line				•
1:X MULTI HP-Line				

T - Turbo; H - High; M - Medium; L - Low; ML - Medium Low; S - Silent;