

Room Air Conditioner

Luve Black LB35X ^[R16]



Key features of the device

SKY [®] Digital DC Inverter	iAIR Automatic purification	iClean Automatic purification ⁽¹⁾	iAIR 3-in-1 filter (Ca + Si.Ion + vit. C) ^(*)	iAIR 3-in-1 filter (Phot. + Act.C + Nano) ^(**)	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 ⁽²⁾	SMART heating 8°C function	Auto restart memory
Anti-corrosive gold-plated fins	Drip tray heater	Compressor winding heating ⁽¹⁾	Silence mode ⁽¹⁾	Timer	Cooling at low ext. temp. -15°C	Heating at low ext. temp. -25°C ⁽¹⁾	Double-sided condensate drainage
Self-diagnosis function	Sleep mode	Energy consumption optimization ⁽¹⁾	Built-in ON/OFF switch ⁽³⁾	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 Black 3.6 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	3,580 (1,000-4,000)
Rated input		Nom. (Min. - Max.)	W	1,063 (290-1,500)
Operating current		Nom. (Min. - Max.)	A	4.6 (1.3-6.5)
Capacity	Heating	Nom. (Min. - Max.)	W	3,900 (1,000-4,500)
Rated input		Nom. (Min. - Max.)	W	974 (290-1,830)
Operating current		Nom. (Min. - Max.)	A	4.2 (1.3-8.0)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	3.5
SEER			W/W	8.5
Energy efficiency class for cooling				A+++
Annual electric energy consumption - cooling			kWh/a	145
Design load in heating mode (Tbiv -7°C)			kW	2.5
SCOP			W/W	4.7
Energy efficiency class - heating				A++
Annual electric energy consumption - heating			kWh/a	745
Dehumidification			l/h	1.5
Maximum energy consumption			W	1,830
Maximum operating current			A	8.0
Indoor unit				LB35Xi R16
EAN product code				5905567608681
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	680 / 590 / 550 / 510 / 470 / 420	
Sound pressure level	T / H / M / ML / L / S	dB(A)	44 / 37 / 34 / 29 / 25 / 19	
Sound power level		dB(A)	54	
Rated input		W	35	
Operating current		A	0.2	
Net dimensions		W × D × H	808 × 209 × 305	
Gross dimensions		W × D × H	880 × 275 × 375	
Net Weight / Gross Weight		kg	9.8 / 12.3	
Condensate drain		mm	16	
Outdoor unit				LO35Xo R16
EAN product code				5905567608698
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)	63	
Net dimensions		W × D × H	810 × 305 × 549	
Gross dimensions		W × D × H	835 × 328 × 575	
Bracket spacing		W × D (mm)	434 × 278	
Net Weight / Gross Weight		kg	24 / 26	
Refrigerant	Type		R32	
	Global Warming Potential (GWP)		675	
	Charge (up to 5m)	kg	0.60	
		TCO ₂ eq	0.405	
Charge (more than 5m)	g/m	25		
Pipe connections	Liquid / Gas	mm (inches)	Φ6.35 / Φ9.52 (1/4" / 3/8")	
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, 1ph	
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 / -25~31	
Compatible systems				
1:1 SINGLE				•
1:2 DUAL				
1:X MULTI S-Line				
1:X MULTI N-Line				•
1:X MULTI HP-Line				