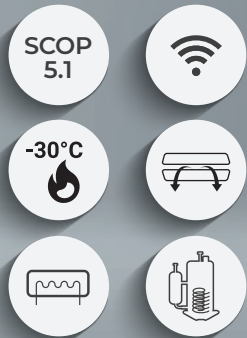


# Room Air Conditioner

Luve Black Pro LBP26X <sup>[R16]</sup>



## Key features of the device

SKY <sup>®</sup> Digital DC Inverter	iAIR Automatic purification	iClean Automatic purification	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 <sup>(2)</sup>	SMART heating 8°C function	Auto restart memory
Anti-corrosive gold-plated fins	Drip tray heater	Compressor winding heating	Silence mode	Timer	Cooling at low ext. temp. -15°C	Heating at low ext. temp. -30°C	Double-sided condensate drainage
Self-diagnosis function	Sleep mode	Energy consumption optimization	Built-in ON/OFF switch <sup>(1)</sup>	Built-in Modbus BMS port			

1. Normally Open. 2. Function available as an option.

\* 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 Pro 2.7 kW	
Capacity	Cooling	Nom. (Min. - Max.)	W	2,720 (940-3,810)	
Rated input		Nom. (Min. - Max.)	W	530 (240-1,500)	
Operating current		Nom. (Min. - Max.)	A	2.3 (1.3-6.5)	
Capacity	Heating	Nom. (Min. - Max.)	W	3,550 (940-4,300)	
Rated input		Nom. (Min. - Max.)	W	840 (240-1,830)	
Operating current		Nom. (Min. - Max.)	A	3.7 (1.0-8.0)	
Reversible heat pump type				air-to-air	
Design load in cooling mode			kW	2.7	
SEER			W/W	9.7	
Energy efficiency class for cooling				A+++	
Annual electric energy consumption - cooling			kWh/a	98	
Design load in heating mode (T <sub>biv</sub> -7°C)			kW	2.6	
SCOP			W/W	5.1	
Energy efficiency class - heating				A+++	
Annual electric energy consumption - heating			kWh/a	742	
Dehumidification			l/h	1.2	
Maximum energy consumption			W	1,830	
Maximum operating current			A	8.0	
Indoor unit				LBP26Xi R16	
EAN product code				5905567608599	
Fan speed	T / H / M / ML / L / S	rpm	1,160 / 940 / 880 / 810 / 750 / 680		
Air flow	T / H / M / ML / L / S	m <sup>3</sup> /h	860 / 700 / 650 / 600 / 560 / 500		
Sound pressure level	T / H / M / ML / L / S	dB(A)	46 / 39 / 36 / 33 / 30 / 28		
Sound power level		dB(A)	56		
Rated input		W	35		
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	10.4 / 13.2		
Condensate drain		mm	16		
Outdoor unit				LOP26Xo R16	
EAN product code				5905567608605	
Fan speed	T / H / M / L / S	rpm	900 / 870 / 830 / 670 / 650		
Maximum air flow		m <sup>3</sup> /h	2,600		
Sound pressure level		dB(A)	53		
Sound power level		dB(A)	64		
Net dimensions	W × D × H	mm	863 × 349 × 602		
Gross dimensions	W × D × H	mm	890 × 385 × 628		
Bracket spacing	W × D	(mm)	516 × 314		
Net Weight / Gross Weight		kg	30 / 32		
Refrigerant	Type		R32		
	Global Warming Potential (GWP)		675		
	Charge (up to 5m)	kg	0.85		
		TCO <sub>2</sub> eq	0.574		
Charge (more than 5m)	g/m	15			
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	B10		
Power cables: outdoor unit	L < 20 m	qty. × mm <sup>2</sup>	3 × 1.5		
Control and power cables: outdoor unit - indoor unit		qty. × mm <sup>2</sup>	4 × 1.5		
Control and power cables: Hiro unit - indoor unit		qty. × mm <sup>2</sup>	-		
Indoor operating range (Cooling / Heating)		°C	16~32 / 0~30		
Outdoor operating range (Cooling / Heating)		°C	-15~-53 / -30~30		
Compatible systems					
1:1 SINGLE				●	
1:2 DUAL					
1:X MULTI S-Line					
1:X MULTI N-Line					
1:X MULTI HP-Line					