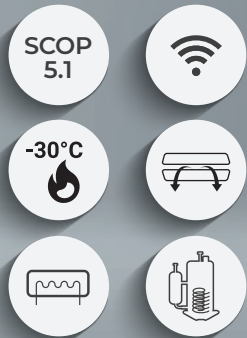


Room Air Conditioner

Luve Black Pro LBP35X ^[R16]



Key features of the device

SKY [®] 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 ⁽²⁾	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 ⁽¹⁾	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 3.6 kW
Capacity	Cooling	Nom. (Min. - Max.)	W	3,580 (1,000-4,000)
Rated input		Nom. (Min. - Max.)	W	792 (290-1,500)
Operating current		Nom. (Min. - Max.)	A	3.4 (1.3-6.5)
Capacity	Heating	Nom. (Min. - Max.)	W	3,900 (1,000-4,500)
Rated input		Nom. (Min. - Max.)	W	944 (290-1,830)
Operating current		Nom. (Min. - Max.)	A	4.1 (1.3-8.0)
Reversible heat pump type				air-to-air
Design load in cooling mode			kW	3.5
SEER			W/W	9.4
Energy efficiency class for cooling				A+++
Annual electric energy consumption - cooling			kWh/a	131
Design load in heating mode (T _{biv} -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	1.5
Maximum energy consumption			W	1,830
Maximum operating current			A	8.0
Indoor unit				LBP35Xi R16
EAN product code				5905567608629
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 ³ /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	10.6 / 13.4	
Condensate drain		mm	16	
Outdoor unit				LOP35Xo R16
EAN product code				5905567608636
Fan speed	T / H / M / L / S	rpm	900 / 810 / 830 / 670 / 650	
Maximum air flow		m ³ /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	31 / 33	
Refrigerant	Type		R32	
	Global Warming Potential (GWP)		675	
	Charge (up to 5m)	kg	0.85	
		TCO ₂ 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 ²	3 × 1.5
Control and power cables: outdoor unit - indoor unit			qty. × mm ²	4 × 1.5
Control and power cables: Hiro unit - indoor unit			qty. × mm ²	-
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				