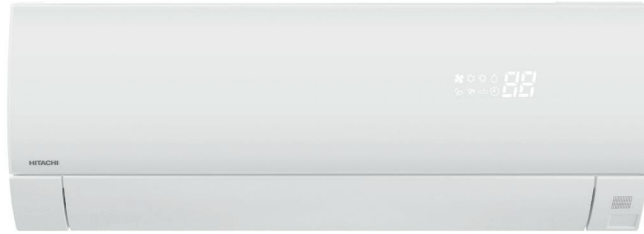


Lorai air purifier

For better air quality throughout the year, combining several exclusive and innovative features



RAK-PSEW



RAK-PSES

FrostWash

Automatically and regularly cleans the heat exchanger to emit pure, clean air. (Fig.1)

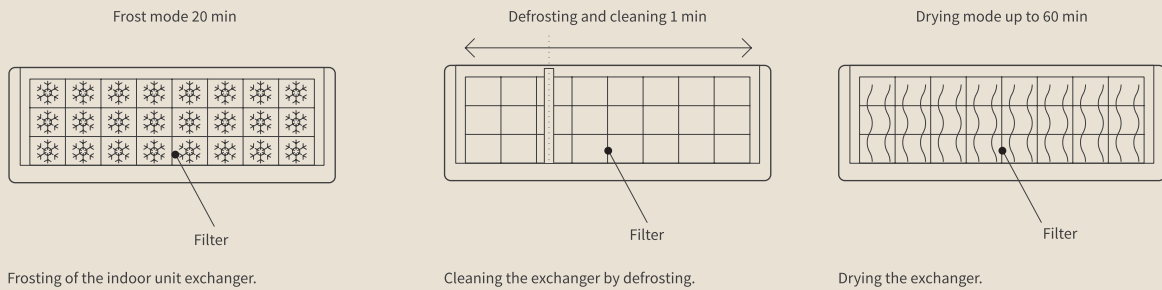
Stainless Clean

The Lorai indoor unit is made of stainless steel, which reduces dust accumulation by 51% compared to plastic indoor units.

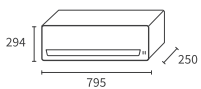
Auto filter Clean

Filters capture and dispose of ultrafine particles such as allergens and pollutants.

Fig. 1

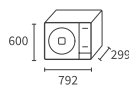


Indoor units

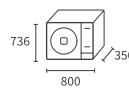


- RAK-25PSEW
- RAK-25PSES
- RAK-35PSEW
- RAK-35PSES
- RAK-50PSEW
- RAK-50PSES

Outdoor units



- RAC-25WSE
- RAC-35WSE



- RAC-50WSE

Lorai air purifier

Performance, cooling	Unit	2.5 kW	3.5 kW	5.0 kW
Rated power, cooling (min-max)	kW	2.50 (0.50 - 3.40)	3.50 (0.50 - 4.10)	5.00 (1.90 - 5.20)
Rated power input Cooling (min-max)	kW	0.490 (0.300 - 0.920)	0.778 (0.350 - 1.350)	1.389 (0.400 - 1.820)
EER	-	5.10	4.50	3.60
Energy class Cooling	-	A+++		A++
SEER (average climate)	-	9.00		7.50
Guaranteed performance Cooling	°C	-10°C / +43°C		
Performance, heating	Unit	2.5 kW	3.5 kW	5.0 kW
Rated power, heating (min-max)	kW	3.20 (0.60 - 5.80)	4.00 (0.60 - 6.60)	6.00 (2.20 - 7.00)
Power at full charge at -7°C ⁽¹⁾	kW	3.20	3.90	5.40
Rated power input Heating (min-max)	kW	0.621 (0.440 - 1.500)	0.800 (0.500 - 2.000)	1.622 (0.600 - 2.650)
COP	-	5.15	5.00	3.70
Energy class Heating	-	A+++		A++
SCOP (average climate)	-	5.10		4.70
Guaranteed performance Heating	°C	-20°C / +24°C		
Indoor units	Unit	RAK-25PSE(W/S)	RAK-35PSE(W/S)	RAK-50PSE(W/S)
Sound pressure in Cooling mode (spv / pv / mv / gv) ⁽²⁾	dB(A)	22 / 28 / 34 / 41	22 / 29 / 36 / 43	25 / 31 / 38 / 46
Sound pressure in Heating mode (spv / pv / mv / gv) ⁽²⁾	dB(A)	22 / 28 / 34 / 42	22 / 29 / 36 / 44	25 / 31 / 38 / 48
Sound pressure in Cooling mode	dB(A)	55	57	60
Airflow in Cooling mode (spv / pv / mv / gv)	m ³ /h	270 / 320 / 420 / 510	270 / 340 / 440 / 540	300 / 400 / 490 / 590
Dehumidification	l/h	1.4	1.6	2.0
Dimensions (H x L x D)	mm	294 x 795 x 250	294 x 795 x 250	294 x 795 x 250
Net weight	kg	11		
Remote control	-	Weekly infrared (included)		
Outdoor units	Unit	RAC-25WSE	RAC-35WSE	RAC-50WSE
Sound pressure in Cooling mode ⁽²⁾	dB(A)	47	48	51
Sound pressure in Cooling mode	dB(A)	61	62	65
Airflow (Cooling / Heating)	m ³ /h	1860 / 1620	1920 / 1620	2160 / 2160
Dimensions (H x L x D)	mm	600 x 792 x 299		736 x 800 x 350
Net weight	kg	37		
Compressor	-	Rotary		
Cooling properties				
Diameter of pipes (Liq / Gas)	inches	1/4" / 3/8"		1/4" / 1/2"
Initial coolant fill	kg	0.98		1.3
Prefilled for	m	20		30
Min. length	m	3		
Max. length / Coolant refill	m/g/m	20 / -		30 / -
Max. level difference (outdoor unit above / outdoor unit below)	m	10 / 10		
Coolant	-	R32		
Electrical features				
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz		
Operating current (Cooling / Heating)	A	2.26 / 2.85	3.56 / 3.65	6.33 / 7.38
Cable width (EN 60 335-1)	mm ²	1.50 x 2 + T		2.50 x 2 + T
Indoor/outdoor connection (protected)	mm ²	1.50 x 3 + T		2.50 x 3 + T

⁽¹⁾ Data includes defrosting. To find out the data for your project, refer to our technical catalogs.

⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

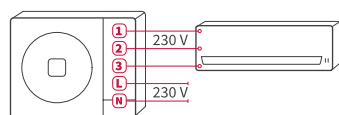
Retail price per unit excluding taxes

(+eco part.)

Indoor unit (Infrared remote control included)	RAK-25PSE(W/S)	RAK-35PSE(W/S)	RAK-50PSE(W/S)	
€+1.67	€708	€831	€1,125	
External unit	RAC-25WSE	RAC-35WSE	RAC-50WSE	
€+6.67	€1,702	€1,998	€2,785	
Price for whole set Indoor unit + outdoor unit	€+8.34	€2,410	€2,829	€3,910

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price.

Indoor units are powered at 220-230 V from the outdoor unit.



Controls and compatible accessories (see page 197)



Infrared remote control
RAR-6NE1
Included



Wired standard remote control
SPX-RCDB1
Price plus taxes: €150



Wired programmable remote control
SPX-WKT4
Price plus taxes: €195



H-Link box
PSC-6RAD
Price plus taxes: €199

Other (price excluding taxes):

- Control box for multi-indoor units
SPX-DST1 (€63) + SPX-WDST8M (€70)
- interface airCloud Home SPX-WFG02 : €143
- Hi-Box AHP-SMB-01: €215
- Hi Kumo interface for Hi-Box SPX-TAG01: €150
- Single dry contact kit SPX-WDC3: €26
- Single fault report kit SPX-WDC7 (€26) + HA-S100TSA (€77)