Console
Mono-split

Benefits

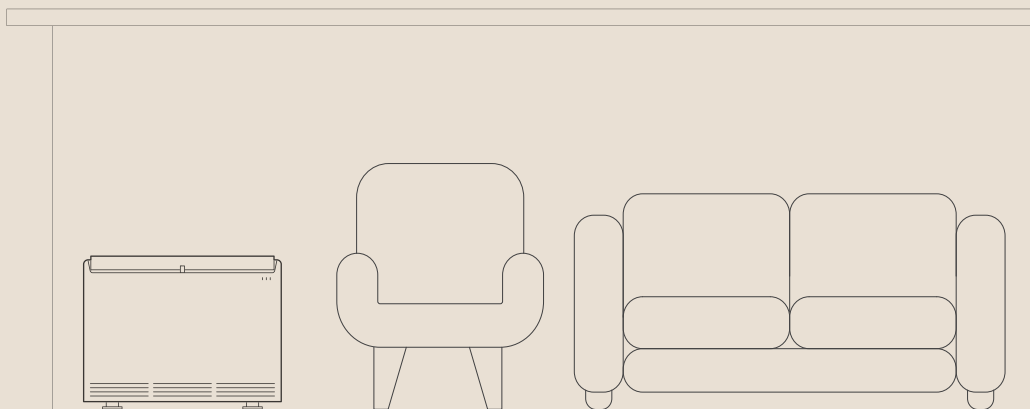## 1 A unique design designed to fit into any room.

It is designed to be as inconspicuous as possible, and this unit can even be built-in.

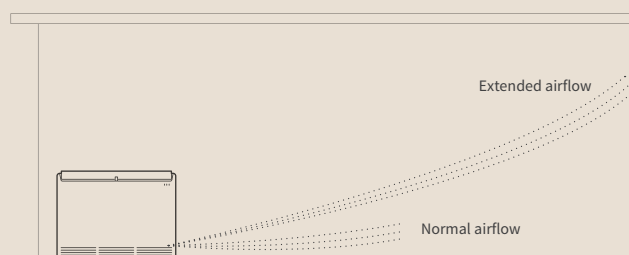## 2 The ideal unit for small spaces

Low ceilings

Very compact, consoles are particularly suitable for installation in smaller rooms.

3 Greater thermal comfort

The distribution of warm air to the lower part of the room allows it to quickly reach and maintain the desired temperature.

Extended airflow

Normal airflow

Shirokuma console

High-performance equipment with a unique design

Extended airflow

With a dynamic airflow, the air can reach every corner of the room. The room is air-conditioned (with heating or cooling air) at the touch of a button on the remote control. (Fig. 1)

Flexibility with the Multizone range

The indoor unit of the Shirokuma console is compatible with all multi-split outdoor units . You can also have multiple indoor units installed in different rooms with a single outdoor unit.

Exceptionally high-performance

The console has an energy rating of A+++. Guaranteed energy savings!

Management options

The console comes with an infrared remote control as standard. It is also compatible with the SPX-WKT4 wired remote control with hourly programming.
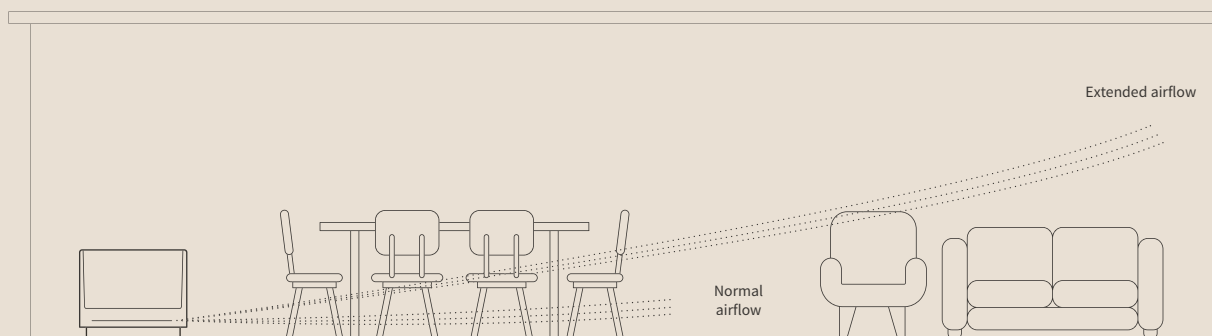
Flexible installation
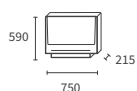
Wall or floor-mounted on a pedestal (provided).

Compatible with airCloud

The entire Hitachi residential range is compatible with the airCloud system, which allows you to control equipment from any mobile device acting as a remote control.

Fig. 1

Extended airflow
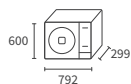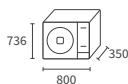
Normal airflow

Indoor units

590
750
215

RAF-25RXE
RAF-35RXE
RAF-50RXE

Outdoor units

600
792
299

RAC-25FXE
RAC-35FXE

736
800
350

RAC-50FXE

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

1
2
3
L
N
230 V
230 V
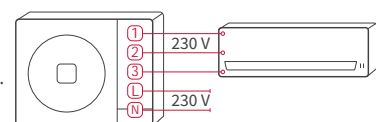
Shirokuma console

Performance, cooling	Unit	2.5 kW	3.5 kW	5.0 kW
Nominal cooling capacity (min-max)	kW	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (0.90 - 5.20)
UK total cooling capacity (UK sensible)	kW	2.50 (2.40)	3.50 (2.97)	5.00 (3.57)
Rated power input Cooling (min-max)	kW	0.54 (0.15 - 1.18)	0.93 (0.15 - 1.38)	1.39 (0.5 - 2.10)
EER	-	4.65	3.75	3.60
Energy class Cooling	-	A+++	A++	
SEER (average climate)	-	8.50	8.20	6.80
Working range in Cooling	°C	-10°C / +46°C		

Performance, heating	Unit	2.5 kW	3.5 kW	5.0 kW
Nominal heating capcity (min-max)	kW	3.40 (0.90 - 4.40)	4.50 (0.90 - 5.00)	6.00 (0.90 - 8.10)
Heating capacity at -7°C [1]	kW	3.40	4.20	5.50
Rated power input Heating (min-max)	kW	0.26 (0.15 - 1.12)	1.15 (0.15 - 1.35)	1.58 (0.5 - 2.70)
COP	-	4.50	3.90	3.80
Energy class Heating	-	A++		A+
SCOP (average climate)	-	4.60		4.30
Working range in Heating	°C	-20°C / +24°C		

Indoor units	Unit	RAF-25RXE	RAF-35RXE	RAF-50RXE
Sound pressure in Cooling mode (EL / L / M / H) [2]	dB(A)	20 / 26 / 31 / 38	20 / 26 / 31 / 39	22 / 29 / 36 / 43
Sound power in Cooling mode	dB(A)	52	**53**	57
Airflow in Cooling mode (EL / L / M / H)	m³/h	270 / 390 / 510 / 630	270 / 390 / 510 / 660	300 / 450 / 540 / 700
Dehumidification	l/h	1.4	1.9	2.8
Dimensions (H x L x D)	mm	590 x 750 x 215		
Net weight	kg	15		
Remote control	-	Weekly infrared (included)		

Outdoor units	Unit	RAC-25FXE	RAC-35FXE	RAC-50FXE
Sound pressure in cooling mode [2]	dB(A)	45	47	51
Sound power in Cooling mode	dB(A)	59	61	65
Airflow (Cooling / Heating)	m³/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		51
Compressor	-	Rotary		

Refrigeration characteristics	Unit	2.5 kW	3.5 kW	5.0 kW
Diameter of pipes (Liq / Gas)	inches	1/4" / 3/8"		1/4" / 1/2"
Condensate outlet diameter (ext)	mm	16		
Initial refrigerant charge	kg	0.98		1.2
Pre-charged for	m	20		30
Min. length	m	3		
Max. length / Additional charge	m/g/m	20 / -		30 / -
Max. level difference (outdoor unit above / outdoor unit below)	m	10/10		
Refrigerant	-	R32		

Electrical features	Unit	2.5 kW	3.5 kW	5.0 kW
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz		
Max. current	A	5	7	12
Recommended fuse size	A	15		25
Cable width (EN 60 335-1) [3]	mm²	2 x 1.50 + E		2 x 2.50 + E
Indoor/outdoor connection (shielded)	mm²	3 x 1.50 + E		3 x 2.50 + E

[1] Data includes defrosting. To find out the data for your project, refer to our technical catalogues.
[2] Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalogue).
[3] Data shown is for indication purpose only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.

Controls and compatible accessories (see page 161)

Infrared remote control

RAR-6NE4

Included

Wired programmable remote control

SPX-WKT4

Wired standard remote control

SPX-RCDB1

H-Link box

PSC-6RAD

Other (price excluding taxes):

- Control box for multi-indoor units SPX-DST1 + SPX-WDST8M
- interface airCloud Home SPX-WFG02
- Hi-Box AHP-SMB-01
- Hi Kumo interface for Hi-Box SPX-TAG01
- Single dry contact kit SPX-WDC3
- Leak sensor SPX-RAFGLS