

# Summit

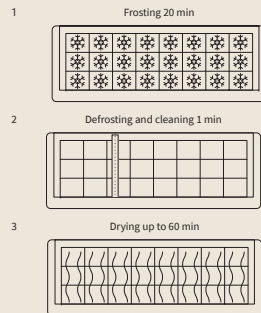
Efficiency and simplicity



## Exclusive and innovative technology: FrostWash\*

for the distribution of clean air.

\*FrostWash steps



## Compatible with the Hi Kumo remote control

This application allows you to turn the unit on or off, raise or lower the temperature or set the timer from wherever you may be around the world. All you need is a smartphone, an Internet connection and Wi-Fi equipment (optional) to connect to the equipment.

## Maximum space savings

It's small enough for discrete installation. Above a door, for example, because it is only 780 mm wide. (Fig. 1)

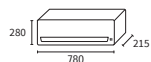
## Silent operation

Enjoy complete comfort without even noticing that the indoor unit is on, thanks to its low sound level of only 19dB\*.

Fig. 1



### Indoor units



RAK-18REF  
RAK-25REF  
RAK-35REF  
RAK-50REF

### Outdoor units



RAC-18WEF  
RAC-25WEF  
RAC-35WEF

RAC-50WEF

Discover  
Dodai 2



\* See model.

## Summit

Cooling performances	Unit	1.8KW	2.5KW	3.5KW	5KW
Cooling Capacity (min-max)	kW	2 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.00 (1.90 - 5.20)
Absorbed capacity Cooling (min-max)	kW	0.58 (0.25 - 1.01)	0.70 (0.25 - 1.29)	1.090 (0.25 - 1.46)	1.560 (0.50 - 2.10)
EER		3.45	3.57	3.21	3.21
Energy class Cooling		A++	A++	A++	A++
SEER (medium climate)		6.10	6.10	6.10	6.10
Guaranteed performances Cooling	°C	-10°C/+ 43°C	-10°C/+ 43°C	-10°C/+ 43°C	-10°C/+ 43°C

Heating performances	Unit	1.8KW	2.5KW	3.5KW	5KW
Heating Capacity (min-max)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	6.00 (2.2 - 7.30)
Capacity at full charge at -7°C <sup>(1)</sup>	kW	2	2.5	3.00	4.00
Absorbed Heating Capacity (min-max)	kW	0.62 (0.25 - 0.97)	0.88 (0.25 - 1.25)	1.100 (0.25 - 1.70)	1.660 (0.50 - 2.75)
COP		4.03	3.86	3.82	3.61
Energy class Heating		A+	A+	A+	A+
SCOP (medium climate)		4.20	4.20	4.20	4.30
Guaranteed performances Heating	°C	-15°C/+ 21°C	-15°C/+ 21°C	-15°C/+ 21°C	-15°C/+ 21°C

Indoor Units	Unit	RAK-18REF	RAK-25REF	RAK-35REF	RAK-50REF
Sound pressure Cooling (Very low - Low - Medium - High) <sup>(2)</sup>	dB(A)	21/24/33/37	22/24/33/40	25/26/36/43	28/30/40/46
Sound pressure Heating (Very low - Low - Medium - High) <sup>(2)</sup>	dB(A)	19/22/33/38	20/23/34/41	26/27/36/44	25/30/39/47
Sound pressure Cooling	dB(A)	51	54	57	60
Air flow Cooling (Very low - Low - Medium - High)	m <sup>3</sup> /h	312/350/400/440	333/370/430/510	333/400/485/600	333/450/600/700
Dehumidification	l/h	1.2	1.4	1.6	2
Dimensions (H x W x D)	mm	280 x 780 x 215	280 x 780 x 215	280 x 780 x 215	280 x 780 x 215
Weight	kg	7.7	7.7	7.7	8.2
Controller		Infrared (included)	Infrared (included)	Infrared (included)	Infrared (included)

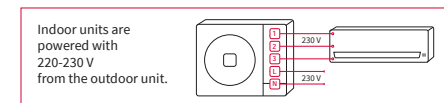
Outdoor units	Unit	RAC-18WEF	RAC-25WEF	RAC-35WEF	RAC-50WEF
Sound Pressure Cooling <sup>(2)</sup>	dB(A)	45	47	48	50
Sound pressure Cooling	dB(A)	59	61	62	64
Air flow (Cooling/Heating)	m <sup>3</sup> /h	1860/1620	1860/1620	1860/1620	2160/2160
Dimensions (H x W x D)	mm	530 x 660 x 278	530 x 660 x 278	530 x 660 x 278	600 x 792 x 299
Weight	kg	23.70	23.70	25.00	39.50
Compressor		Rotary	Rotary	Rotary	Rotary double twin

Refrigeration specifications	Unit	RAC-18WEF	RAC-25WEF	RAC-35WEF	RAC-50WEF
Pipe diameter (Liq/gas)	Inch	1/4"/3/8"	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"
Initial refrigerant charge	kg	0.53	0.53	0.70	0.93
Pre-charged for	m	20	20	20	20
Minimum length	m	3	3	3	3
Maximum length/Additional refrigerant	m/g/m	20/-	20/-	20/-	20/-
Maximum height difference (highest OU/lowest OU)	m	20/10	20/10	20/10	20/10
Refrigerant		R32	R32	R32	R32

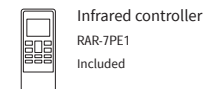
Electrical specifications	Unit	RAC-18WEF	RAC-25WEF	RAC-35WEF	RAC-50WEF
Electrical power	V/Ph/Hz	230V/1Ph/50Hz	230V/1Ph/50Hz	230V/1Ph/50Hz	230V/1Ph/50Hz
Current during operation (Cooling/Heating)	A	1.09 - 4.39/1.09 - 4.22	1.09 - 5.61/1.09 - 5.43	1.09 - 6.35/1.09 - 7.39	2.17 - 9.13/2.17 - 11.96
Cable diameter (EN 60 335-1)	mm <sup>2</sup>	1.50x 2+T	1.50x 2+T	1.50x 2+T	2.50x 2+T
Indoor/outdoor wiring section (shielded)	mm <sup>2</sup>	1.50x 3+T	1.50x 3+T	1.50x 3+T	2.50x 3+T
Price		Ref.	XRAK-25REF	XRAK-35REF	XRAK-50REF

Environmental contribution	Ref.

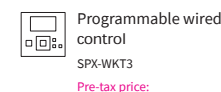
<sup>(1)</sup> Data includes defrosting. For the data corresponding to your project, use our technical catalogs or the Hitoolkit software.  
<sup>(2)</sup> Sound pressure measurements were taken at 1 meter from the unit free field (refer to the technical catalog).



## Compatible controls and accessories



Others\*:  
- Multi-indoor units control box SPX-DST1 + SPX-WDST8M  
- Hi Kumo Wifi gateway SPX-WFG01:  
- Hi-Box AHP-SMB-01 :  
- Hi Kumo gateway for Hi-Box SPX-TAG01:  
- Dry contact kit only SPX-WDC3:  
- Fault report kit only SPX-WDC7 + HA-S100TSA



\* All prices are pre-tax