



SAMSUNG

# Bedarra Series

Samsung Split System Air Conditioner with DRED



Image for illustration purposes only.

## The Air Conditioner built for Australian conditions



### Real Time Timer

Gives you the ability to program and to set a timer to operate the Air Conditioner.



### Good Sleep Mode

This mode adjusts airflow direction and fan speed for a comfortable sleep environment.



### Auto Mode

This mode is designed to automatically heat or cool, maintaining the set temperature.



### Fan Mode

Helps circulate air around the room without using the cooling/heating functions.



### Demand Response Enabled Device (D.R.E.D.)

This allows certain energy providers to limit your power consumption during peak demand times to help reduce power strain on the electricity network. Participation may entitle you for rebates from your energy provider.\*



### Fast Cooling

Designed to help you stay cool faster.

\* Participation may entitle you to rebates from your energy provider. Please contact your energy provider to find out if it recognises D.R.E.D. and for further details. All Samsung Hiwall split systems enable D.R.E.D. with the option of DRM1, DRM2 and DRM3 levels.

# Specifications<sup>1</sup>



	Model Code (Indoor)		AR09AXHQAWKNSA	AR12AXHQAWKNSA	AR18AXHQAWKNSA	AR24AXHQAWKNSA
	Model Code (Outdoor)		AR09AXHQAWKXSA	AR12AXHQAWKXSA	AR18AXHQAWKXSA	AR24AXHQAWKXSA
<b>Capacity<sup>2</sup></b>	Refrigerant		R32	R32	R32	R32
	Cooling	kW	2.48	3.45	5.14	7.07
	Heating	kW	3.24	4.02	5.95	7.94
<b>Energy Efficiency</b>	EER	W/W	4.68	4.26	4.21	3.64
	COP	W/W	4.60	3.98	4.25	3.78
	AEER	W/W	4.65	4.24	4.20	3.64
	ACOP	W/W	4.57	3.97	4.24	3.77
	Star rating (Cooling - Hot/Average/Cold)		5.0 / 4.5 / 4.5	4.5 / 4.5 / 4.5	4.5 / 4.0 / 4.5	3.5 / 3.5 / 3.5
	Star rating (Heating - Hot/Average/Cold)		3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.5 / 2.5 / 2.0	3.5 / 2.0 / 1.0
<b>Electrical Data</b>	Power source	(V/Ph/Hz)	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50
	Current input, cooling (Rated)	A	3.54	3.59	5.50	8.60
	Current input, heating (Rated)	A	3.17	4.47	6.30	9.27
	MCA <sup>3</sup> (Minimum circuit amperes)	A	9.5	10.5	15.5	17.5
	MFA <sup>3</sup> (Maximum fuse amperes)	A	16.0	16.0	20.0	25.0
<b>Indoor Unit</b>	Airflow rate, (T/H/M/L)	L/s	186 / 136 / 122 / 92	186 / 136 / 122 / 92	358 / 294 / 264 / 236	386 / 308 / 278 / 250
	Sound pressure <sup>4</sup> level @1m, cooling, (Cool/Heat)	dBA	49/43/39/32	50/44/39/35	55/51/49/48	57/53/49/46
	Unit Net weight	kg	8.5	8.6	13.5	13.7
	Shipping weight	kg	10.9	11.1	17.1	17.3
	Unit dimensions (WxHxD)	mm	802x297x189	802x297x189	1080x335x226	1080x335x226
	Shipping dimensions (WxHxD)	mm	875x380x285	875x380x285	1155x320x415	1155x320x415
<b>Outdoor Unit</b>	Compressor type		ROTARY	ROTARY	ROTARY	ROTARY
	Sound pressure level @1m, cooling	dBA	56.0	56.0	61.0	62.0
	Unit Net weight	kg	26.9	28.1	37.9	43.3
	Shipping weight	kg	29.3	30.5	41.0	46.0
	Unit dimensions (WxHxD)	mm	765x555x303	765x555x303	890x673x342	890x673x342
	Shipping dimensions (WxHxD)	mm	887x610x337	887x610x337	995x740x398	995x740x398
<b>Installation</b>	Liquid pipe	mm, inch	6.35, 1/4"	6.35, 1/4"	6.35, 1/4"	9.52, 3/8"
	Gas pipe	mm, inch	9.52, 3/8"	12.7, 1/2"	12.7, 1/2"	15.9, 5/8"
	Max piping length	m	25	25	30	50
	Max piping height	m	10	10	20	25
<b>Operating Range</b>	Cooling	°C	0 to 50	0 to 50	0 to 50	0 to 50
	Heating	°C	-15 to 30	-15 to 30	-15 to 30	-15 to 30

Images for illustration purposes only.

## After Sales and Warranty Support



**5-year warranty on parts and labour**  
See warranty card for full details\*



**Our products are Minimum Energy Performance Standards compliant**



**National Samsung service network**  
Our specialists are on hand to help



**Product Support line**  
Call our expert team on 1300 362 603

\* This is in addition to the rights of consumers under consumer guarantees pursuant to the Australian Consumer Law.

<sup>1</sup> Specification may be subject to change without prior notice.

<sup>2</sup> Performances are based on the following test conditions:

Cooling: Indoor temperature 27°C DB, 19°C WB, Outdoor temperature 35°C DB, 24°C WB

Heating: Indoor temperature 20°C DB, 15°C WB, Outdoor temperature 7°C DB, 6°C WB

Equivalent refrigerant pipe length 5m, Level differences 0m

<sup>3</sup> Select wire size based on maximum current amps and in accordance of local electrical regulation standards.

<sup>4</sup> Sound pressure level is obtained in an anechoic room.

Sound pressure level is a relative value, depending on the distance and acoustic environment.

Sound pressure level may differ depending on operation condition.

dBA = A-weighted sound pressure level. Reference acoustic pressure 0 dB = 20uPa.