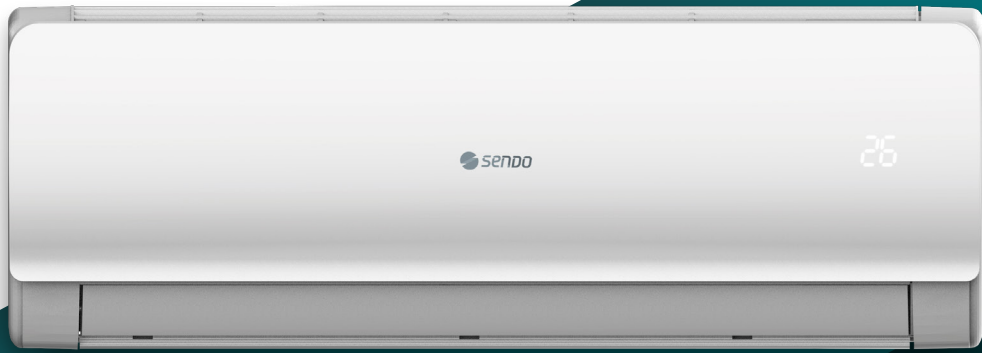




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# ATHINA

PERFORMANCE CHAMPION



R 32



INVERTER



Wi-Fi



EXTRA FILTERS



GOLDEN FIN

# ATHINA series



A+++  
A+++



R32



INVERTER



Wi-Fi



EXTRA FILTERS



GOLDEN FIN



**Low operating voltage range 130 ~ 270V**



**Long air flow distance**

*The air flow distance can reach 18m.*



**Soundless design**

*A large compressor in conjunction with the best heat exchange system ensures better cooling performance.*

B

A

S

I

C

M

O

D

E

S



Auto defrost



2 way pipe connection



Sleep mode



Self cleaning



Auto restart



Timer



Antibacterial function



Turbo mode



Self-diagnosis of faults



Follow me mode



Low temp. operation

NEW STANDARDS  
IN PERFORMANCE



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RESIDENTIAL / WALL / ATHINA

## TABLE OF TECHNICAL CHARACTERISTICS

# ATHINA

wall-mounted air conditioning



Model	SND - 09 ATH	SND - 12 ATH	SND - 18 ATH	SND - 24 ATH
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Nameplate parameter	Rated capacity	Cooling	W	2600 (980 - 2900)	3550 (1100 - 3700)	5300 (1200 - 5500)	7100 (1970 - 7800)
		Heating	W	2700 (680 - 3000)	3550 (1100 - 3800)	5400 (1370 - 6100)	7100 (2500 - 7600)
	Rated power consumption	Cooling	W	800 (300 - 900)	1090 (340 - 1150)	1650 (370 - 2000)	2200 (600 - 2400)
		Heating	W	750 (190 - 830)	970 (300 - 1060)	1490 (350 - 1700)	1960 (700 - 2100)
	Rated running current	Cooling	A	3,6 (1,3 - 4,5)	4,8 (1,5 - 5,4)	7,3 (1,7 - 9,3)	10,3 (2,5 - 11)
		Heating	A	3,4 (0,9 - 4,0)	4,3 (1,3 - 5,0)	7,1 (1,6 - 8,0)	10,5 (2,4 - 10)
	Max. input power		W	1600	1900	2900	3700
	Max. input current		A	8	9,5	12	16
	SEER cooling		W/W	6,1 / A+++	6,1 / A+++	6,1 / A+++	6,1 / A+++
	SCOP heating		W/W	4,0 / A+++	4,0 / A+++	4,0 / A+++	4,0 / A+++
	Power supply source		V / Ph / Hz	220~240V-1-50Hz	220~240V-1-50Hz	220~240V-1-50Hz	220~240V-1-50Hz
	Refrigerant			R32	R32	R32	R32
	Refrigerant charged		g	580	680	1280	1440
	Max. discharge pressure		Mpa	4,28	4,28	4,28	4,28
	Max. suction pressure		Mpa	1,15	1,15	1,15	1,15
	Air flow volume		m <sup>3</sup> / h	650	650	900	1250
	Sound power level	Indoor unit (Hi. / Med. / Lo.)	dB (A)	38 / 33 / 20	42 / 33 / 22	46 / 36 / 24	48 / 36 / 26
Outdoor unit		dB (A)	42	46	48	53	
Indoor unit weight		Kg	8	8,5	11	16	
Outdoor unit weight		Kg	26	26	35	45	
Piping size	Liquid	mm (inch)	1/4	1/4	1/4	1/4	
	Gas	mm (inch)	3/8	3/8	1/2	5/8	
	Maximum pipe length	m	10	10	15	15	
	Maximum pipe height	m	7	7	10	10	
	Additional refrigerant charge	g / m	20	25	30	40	
	Max chargeless length	m	3	3	3	3	
Wiring size	Power supply cord	mm	3 * 1,5	3 * 1,5	3 * 2,5	3 * 2,5	
	Indoor & outdoor connection	mm	5 * 1,5	5 * 1,5	5 * 1,5	5 * 1,5	
Indoor unit configuration	Dimension	Net dimension (W x D x H)	mm	792 x 201 x 292	792 x 201 x 292	940 x 224 x 316	1132 x 232 x 330
		Packing dimension (W x D x H)	mm	888 x 370 x 290	888 x 370 x 290	1010 x 385 x 310	1205 x 400 x 317
Outdoor unit configuration	Compressor model			GMCC KSN98D32UFZ	GMCC KSN98D32UFZ	GMCC KSM135D23UFZ	HIGHLY GTD186UKQA9LT6
	Dimension	Net dimension (W x D x H)	mm	730 x 545 x 285	730 x 545 x 285	800 x 545 x 315	900 x 700 x 350
		Packing dimension (W x D x H)	mm	850 x 620 x 370	850 x 620 x 370	920 x 620 x 400	1020 x 770 x 430
Operation temperature	Operating range (cooling)		°C	16 - 43	16 - 43	16 - 43	16 - 43
	Operating range (heating)		°C	-10 - 30	-10 - 30	-10 - 30	-10 - 30

The company reserves the right to change the technical characteristics without notice.



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