

# ARIS

wall-mounted air conditioning



R 32



Model			SND - 09 ARS	SND - 12 ARS	SND - 18 ARS	SND - 24 ARS	
Nameplate parameter	Rated capacity	Cooling	W	2580 (980 - 2900)	3500 (1100 - 3700)	5275 (1200 - 5500)	7030 (1970 - 7800)
		Heating	W	2700 (680 - 3000)	3500 (1100 - 3800)	5375 (1370 - 6100)	7050 (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
	EER cooling		W/W	6,50 / A++	6,65 / A++	6,57 / A++	6,89 / A++
	COP heating		W/W	4,37 / A+	4,36 / A+	4,02 / A+	4,11 / A+
	COP heating (warm climate)		W/W	5,38 / A+++	5,39 / A+++	5,40 / A+++	5,25 / 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	600	600	850	1150
	Sound power level	Indoor unit (Hi. / Med. / Lo.)	dB (A)	40 / 33 / 20	42 / 33 / 22	46 / 36 / 25	46 / 36 / 28
		Outdoor unit	dB (A)	48	50	52	57
Indoor unit weight		Kg	7,5	8	12	14	
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	750 x 200 x 285	750 x 200 x 285	900 x 225 x 310	1082 x 233 x 330
		Packing dimension (W x D x H)	mm	820 x 347 x 277	820 x 347 x 277	970 x 382 x 302	1155 x 397 x 312
Outdoor unit configuration	Compressor model			KSN 98D32UFZ	KSN 98D32UFZ	KSM 135D23UFZ	GTD 186UKQA9LT6
	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.