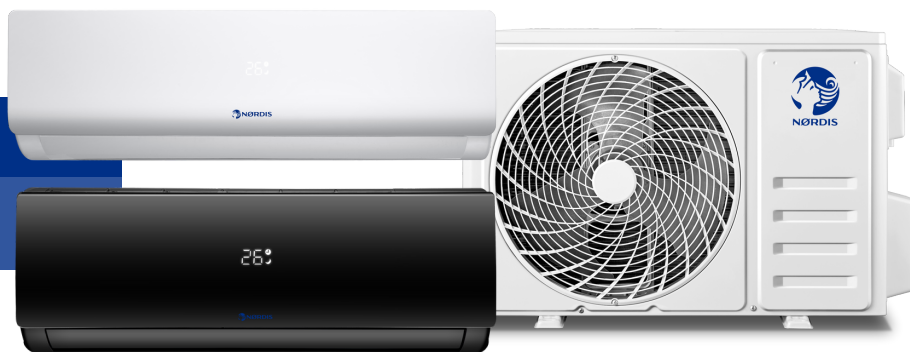


Technical data

Sirius



Model			Sirius S09TC1	Sirius S12TC1	Sirius S18TC1	Sirius S24TC1
Power Supply		F/V/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Cooling	Capacity	kW	2,6 (0,94-3,30)	3,4 (1,00-3,77)	5,1 (1,25-5,91)	6,8 (1,83-7,80)
	Cooling power input (min-nom-max)	kW	0,82 (0,24-1,38)	1,13 (0,29-1,50)	1,58 (0,33-2,34)	2,25 (0,41-2,82)
	Cooling current	A	4,0 (1,2-8,0)	5,8 (1,5-9,0)	8,1 (1,7-12,0)	10,7 (2,3-12,3)
	SEER		6,1	6,1	6,1	6,1
	Energy class		A++	A++	A++	A++
Heating	Capacity	kW	2,61 (0,94-3,36)	3,42 (1,00-3,81)	5,10 (1,25-6,07)	6,87 (1,85-7,90)
	Heating power input (min-nom-max)	kW	0,76 (0,24-1,55)	1,00 (0,29-1,72)	1,37 (0,34-2,52)	2,06 (0,42-3,00)
	Heating current	kW	3,8 (1,2-9,0)	5,1 (1,5-10,0)	7,0 (1,7-13,0)	9,9 (2,3-13,5)
	Nominal supply current	A	1,9	2	3,6	4,5
	SCOP		4	4	4	4
Cooling	Energy class		A+	A+	A+	A+
Wi-Fi		+/-	+	+	+	+
Indoor Unit						
Dimensions (WxDxH)		mm	698x255x190	777x250x201	910x294x206	1010x315x220
Packaging dimensions (LxWxH)		mm	764x325x257	840x315x260	979x372x277	1096x390x297
Weight netto		kg	6,5	7,5	10	13
Weight brutto		kg	8,5	10	13	16
Max. Air flow		m ³ /h	420	550	800	980
Noise level (1 meter distance)		db(A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30
Noise level		db(A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40
Outdoor Unit						
Dimensions (WxDxH)		mm	712x276x459	712x276x459	853x349x602	853x349x602
Packaging dimensions (LxWxH)		mm	765x310x481	765x310x481	890x385x628	960x400x732
Weight netto		kg	22	22	35	40
Weight brutto		kg	24	24	38	43
Max. Air flow		m ³ /h	1700	1700	2600	3000
Noise pressure		db(A)	50	50	55	57
Noise power		db(A)	60	60	65	67
Connection Pipe	Refrigerant Liquid Pipe/Refrigerant Gas Pipe	col/mm	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-3/8"/ (Ø6,35-Ø9,52)	1/4"-1/2"/ (Ø6,35-Ø12)
	Refrigerant R32 charge	kg	0,45	0,49	1	1,14
	Additional refrigerant	g/m	15	15	25	25
	Max. Distance Length without additional refrigerant	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Power cable	Power Cable	mm ²	3x1,5	3x1,5	3x1,5	3x1,5
	Automatic Switch	A	16	16	16	25
	Communication cable	mm ²	4x0,75	4x0,75	4x0,75	4x0,75
Cooling Operation Ambient Temperature Range		°C	-15~53	-15~53	-15~53	-15~53
Heating Operation Ambient Temperature Range		°C	-20~30	-20~30	-20~30	-20~30

*Additional "Wi-Fi" module integration is required for remote control of the NØRDIS SIRIUS device.