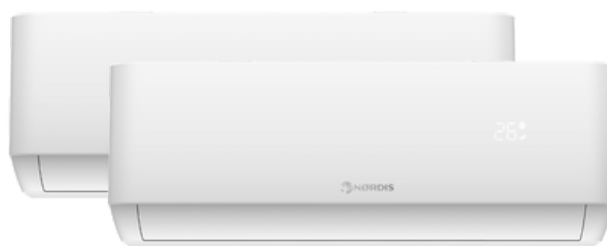


Technical Data

Orion Evo Multi Split



Indoor Unit

Model			OE09TC1	OE12TC1	OE18TC1	OE24TC1
Power Supply		F/V/ Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capaity	Cooling	kW	2,61(0,94-3,70)	3,52(1,00-4,60)	5,2 (1,25-5,9)	7,0 (1,8-7,8)
	Heating	kW	3,32(0,94-4,00)	3,86(1,00-4,90)	5,50(1,25-6,69)	7,10(1,85-7,96)
Wi-Fi		+/-	+	+	+	+
Dimensions (WxHxD)		mm	820×306×195	820×306×195	920×306×195	1100×333×222
Dimension of Package (WxHxD)		mm	890×380×265	890×380×265	990×380×265	1165×405×295
Weight Netto		kg	9	9	10	11
Weight Brutto		kg	11	11	13	17
Air Flow Volume		m3/h	680/650/610/570/540/500/460	680/650/610/570/540/500/460	900/810/760/700/650/590/530	1150/1070/1010/940/890/830/750
Sound Pressure 1m Distance		dB(A)	44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/40/38/36/34/32	50/44/40/37/34/30/26
Sound Power		dB(A)	54/50/47/44/39/35/29	54/50/47/44/39/35/29	57/52/50/48/46/44/42	60/54/50/47/44/40/36
Communication Cable		mm2	4x0,75	4x0,75	4x0,75	4x0,75
Refrigerant Pipe		inch/mm	1/4"-3/8"/(Ø6,35-Ø9,52)	1/4"-3/8"/(Ø6,35-Ø9,52)	1/4"-1/2"/(Ø6,35-Ø12,70)	1/4"-1/2"/(Ø6,35-Ø12,70)

Technical Data

Orion Evo Multi Split



Outdoor Unit

Model			FMA-14I2HD/DVO	FMA-18I2HD/DVO	FMA-27I3HD/DVO	FMA-32I4HD/DVO	FMA-42I5HD/DVO
Number of indoor units			1-2	1-2	1-3	1-4	1-5
Power supply		F/V/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capacity	Cooling	kW	4,10 (1,20-4,85)	5,10 (1,23-5,60)	7,90 (2,80-8,80)	9,40 (3,10-10,20)	12,20 (3,30-13,10)
	Heating	kW	4,31 (1,25-5,20)	5,20 (1,29-5,75)	7,96 (2,45-8,80)	9,45 (2,55-10,20)	12,20 (3,30-13,10)
Current	Cooling	A	6,3	7,5	11,7	14,1 (1,8-17,0)	16,8 (3,2-24,0)
	Heating	A	5,9	6,2	10,1	13,0 (2,3-17,0)	15,8 (3,5-24,0)
Consumption	Cooling	kW	1,2	1,6	2,63	2,76	3,81
	Heating	kW	1,1	1,4	2,1	2,54	3,68
SEER			6,1	6,1	6,1	6,1	6,1
SCOP			4	4	4	4	4
Energy class			A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Dimensions (WxHxD)		mm	853×602×349	853×602×349	920×699×380	990×910×340	990×910×340
Dimensions of package (WxHxD)		mm	890×628×385	890×628×385	960×732×400	1030×950×430	1030×950×430
Weight Netto/Bruto		kg	31/33	31/33	42/45	68/80	73/85
Air flow volume		m ³ /h	2100	2100	3000	4000	4000
Sound pressure level		db(A)	65	65	67	70	70
Sound pressure level 1m distance		db(A)	52	52	55	58	60
Refrigerant liquid			R32	R32	R32	R32	R32
Refrigerant charge		kg	1,1	1,1	1,5	2,2	3
Max pipe length without additional refrigerant (1)		m	5	5	5	5	5
Additional refrigerant		g/m	15	15	15	15	15
Max. Distances for each indoor unit	Elevation	m	10	10	10	10	10
	Length	m	15	15	15	15	15
Power cable		mm ²	3×1,5	3×1,5	3×2,5	3×2,5	3×2,5
Automatic switch		A	16	16	16	25	32
Cooling operation temperature range		°C	-15~53	-15~53	-15~53	-15~53	-15~53
Heating operation temperature range		°C	-22~30	-22~30	-22~30	-22~30	-22~30

(1) The standard length of liquid pipes pre-filled with refrigerant.