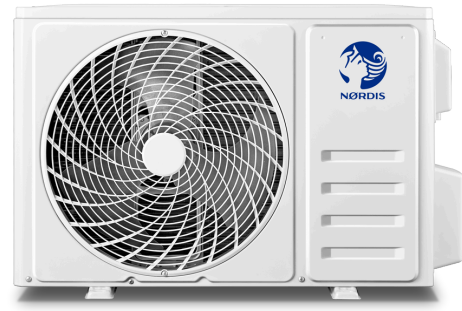


Technical Data

Orion Pro Multi Split



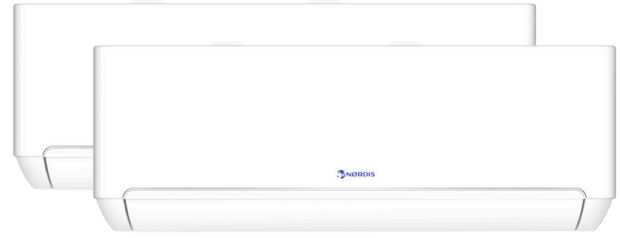
Outdoor Unit

Model			FMA-1412HD/DVO	FMA-1812HD/DVO	FMA-2713HD/DVO	FMA-3214HD/DVO	FMA-4215HD/DVO
Number of indoor units			1-2	1-2	1-3	1-4	1-5
Power supply		F/V/Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz	1F / 220-240V / 50Hz
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	4.0	4.0	4.0	4.0
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	1.10	1.10	1.5	2.20	3.00
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.

Technical Data

Orion Pro Multi Split



Indoor Unit

Model			Orion Pro OP09TC1	Orion Pro OP12TC1	Orion Pro OP18TC1	Orion Pro OP24TC1
Power Supply		F/V/Hz	220- 240V~/50Hz/1P	220- 240V~/50Hz/1P	220- 240V~/50Hz/1P	220- 240V~/50Hz/1P
Cooling	Capacity	kW	2.6 (0.94~3.32)	3.3 (1.0~3.80)	5.0 (1.25-5.9)	6.8 (1.8-7.8)
	Cooling Power Input (min-nom-max)	kW	0.89 (0.24-1.39)	1.09 (0.29-1.50)	1.55 (0.33-2.35)	2.0 (0.33-2.80)
	Cooling Current	A	4.7	5.5	8.2	9.5 (2.2~13.0)
	SEER	W/W	6.1	5.5	6.1	6.1
	Energy Class		A++	A++	A++	A++
Heating	Capacity, kW	kW	2.65 (0.94-3.38)	3.50 (1.00-3.91)	5.10 (1.25-6.08)	7.0 (1.8-7.9)
	Heating Power Input (min-nom-max)	kW	0.80 (0.24-1.56)	1.06 (0.29-1.73)	1.38 (0.34-2.55)	1.9 (0.4-3.0)
	Heating Current	A	4.4	5.3	7.2	8.7
	SCOP		4.0	4.0	4.0	4
	Energy Class		A+	A+	A+	A+
Wi-Fi		+/-	+	+	+	+
Indoor Unit						
Dimension (WxHxD)		mm	790x275x192	790x275x192	920x306x195	1100x333x222
Dimension of Package (WxHxD)		mm	860x345x265	860x345x265	990x380x265	1165x405x295
Weight netto		kg	8,5	8.5	11	14
Weight brutto		kg	10,5	10.5	13	17
Air Flow Volume		m3/h	560	560	820	1100
Sound Pressure Level		db(A)	44/37/35/33/29/25/ 22	44/37/35/33/29/2 5/22	47/43/41/38/35/27	49/43/38/35/32
Sound Pressure Level 1m distance		db(A)	54/47/45/43/39/35/ 32	54/47/45/43/39/3 5/32	57/52/50/47/43/36	58/53/49/45/42