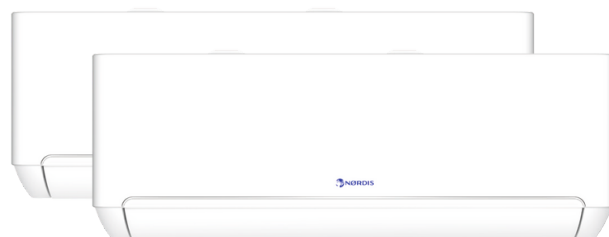


Technical Data

Orion Pro Multi Split

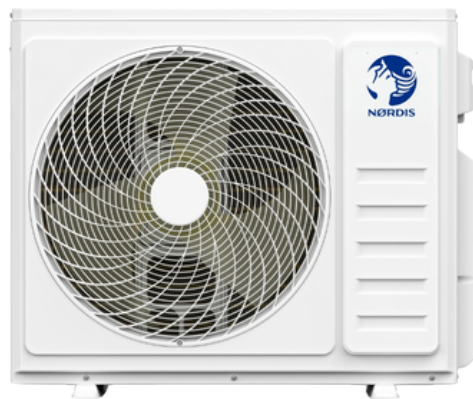


Indoor Unit

Model			Orion Pro OP09TC1	Orion Pro OP12TC1	Orion Pro OP18TC1	Orion Pro OP24TC1
Power Supply		V/Ph/Hz	220-240~/1/50	220-240~/1/50	220-240~/1/50	220-240~/1/50
Capacity	Cooling	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)
	Heating	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)
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	44/37/35/33/29/25/22	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	54/47/45/43/39/35/32	57/52/50/47/43/36	58/53/49/45/42
Inter connecting cable		mm ²	4x0,75	4x0,75	4x0,75	4x0,75
Pipe diameters		inch/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-Ø12,7)

Technical Data

Orion Pro Multi Split



Outdoor Unit

Model - outdoor unit			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			V/Ph/Hz	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
Dimensions of package (WxHxD)			mm	890×628×385	890×628×385	960×732×400	1030×950×430
Weight Netto/Bruto			kg	31/33	31/33	42/45	68/80
Air flow volume			m ³ /h	2100	2100	3000	4000
Sound power			db(A)	65	65	67	70
Sound pressure level 1m distance			db(A)	52	52	55	58
Refrigerant liquid				R32	R32	R32	R32
Refrigerant charge			kg	1,1	1,1	1,5	2,2
Max pipe length without additional refrigerant (1)			m	5	5	5	5
Additional refrigerant			g/m	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
Automatic switch			A	16	16	25	32
Cooling operation temperature range			°C	-15~53	-15~53	-15~53	-15~53
Heating operation temperature range			°C	-22~30	-22~30	-22~30	-22~30

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