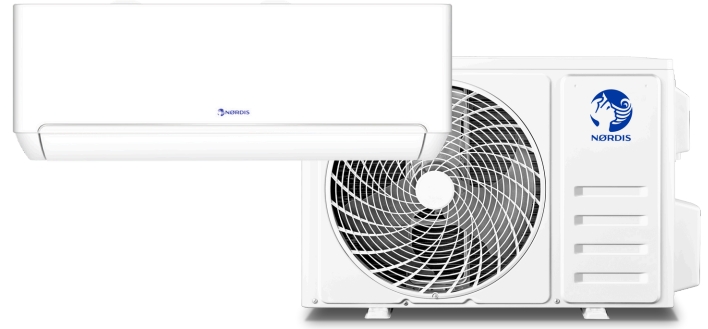


# Technical data

## Orion Pro



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	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	W/W	4.0	4.0	4.0	4
	Energy Class		A+	A+	A+	A+
Wi-Fi		+/-	+	+	+	+
<b>Indoor Unit</b>						
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
<b>Outdoor Unit</b>						
Dimension (WxHxD)		mm	795x549x305	795x549x305	853x602x349	920x699x380
Dimension of Package (WxHxD)		mm	835x340x585	835x340x585	890x628x385	960x732x400
Weight netto		kg	25	25	35	40
Weight brutto		kg	28	28	38	46
Air Flow Volume		m3/h	2200	2200	2600	3000
Sound Pressure Level		db(A)	52	52	55	58
Sound Pressure Level 1m distance		db(A)	62	62	65	68
Connection Pipe	Refrigerant Liquid Pipe/Refrigerant Gas Pipe, R32	inch/m	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-Ø12.70)
	Refrigerant Charge	kg	R32/0.7	R32/0.7	R32/1.00	R32/1.2
	Additional Refrigerant	g/m	15	15	25	25
	Track length without additional freon	m	5	5	5	5
	Max. Distance Length	m	25	25	25	25
	Max. Elevation	m	10	10	10	10
Power Cable	Power Cable	mm2	3x1.5	3x1.5	3x1.5	3x2.5
	Automatic Switch	A	10	16	16	20
	Communication Cable	mm2	4x0.75 mm <sup>2</sup>	4x0.75mm <sup>2</sup>	4x0.75mm <sup>2</sup>	4x0.75mm <sup>2</sup>
Cooling Operation Ambient Temperature Range		°C	-15~53	-68	-68	-68
Heating Operation Ambient Temperature Range		°C	-25~30	-25~30	-25~30	-25~30