

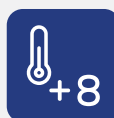


NØRDIS ORION PRO series

SPLIT-TYPE AIR CONDITIONERS – AIR-TO-AIR HEAT PUMPS



EFFICIENT HEATING AND COOLING from -25°C to +53°C Temperature Range



+8 °C FUNCTION for maintaining a constant temperature in non-permanent living spaces



FAST COOLING in 30s
AND FAST HEATING in 60s



SELF-CLEANING AND DISINFECTION AT 56°C



Breezeless Air Cooling with **Gentle Cool Wind TECHNOLOGY**



B.I.G. Care+ PROTECTION bipolar ion generator and UVC disinfection



SMART AIRFLOW CONTROLS
Cooling with „Shower-Type“ Airflow, Heating with „Blanket-Type“ Airflow



Built-in Wi-Fi module **FOR SMART CONTROL** by mobile phone



“I FEEL” TECHNOLOGY for smart temperature control

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/2P
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	0.24-0.89-1.39	0.29-1.09-1.50	0.33-1.55-2.35	0.40-2.0-2.8
	Rated Current	A	4.7	5.5	8.2	9.5
	SEER		6.1	6.1	6.1	6.1
	Energy Class		A++	A++	A++	A++
Heating	Capacity	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)
	Capacity Pdesign (-10°C, temperate zone)	kW	2.40	2.40	3.80	5.60
	Heating Power Input (min-nom-max)	kW	0.24-0.80-1.56	0.29-1.06-1.73	0.34-1.38-2.55	0.4-1.9-3.0
	Rated Current	A	4.4	5.3	7.2	8.7
	SCOP		4.00	4.00	4.00	4.00
	Energy Class		A+	A+	A+	A+
Wi-Fi		+/-	+	+	+	+
Indoor Unit						
Dimension (WxHxD)		mm	790x275x192	790x275x192	920x306x195	1100x333x222
Dimension of Package (LxWxH)		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 at 1m Distance		db(A)	44/31/35/29/25/22	44/31/35/29/25/22	47/43/41/38/35/27	49/43/38/35/32
Sound Pressure Level		db(A)	54/47/45/39/35/32	54/47/45/39/35/32	57/52/50/47/43/36	58/53/49/45/42
Outdoor Unit						
Dimension (WxHxD)		mm	795x549x305	795x549x305	853x602x349	920x699x380
Dimension of Package (LxWxH)		mm	835x585x340	835x585x340	890x628x385	960x732x400
Weight Netto		kg	25	25	35	40
Weight Brutto		kg	29	29	39	46
Air Flow Volume		m³/h	2200	2200	2600	3000
Sound Pressure Level		db(A)	52	52	55	58
Sound Power		db(A)	62	62	65	68
Connection Pipe	Refrigerant Pipe	in/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)
	Refrigerant Charge R32	kg	0.7	0.7	1	1.2
	Additional Refrigerant	g/m	15	15	25	25
	Length of Track 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	mm²	3x1.5	3x1.5	3x1.5	3x2.5
	Automatic Switch	A	16	16	16	20
	Communication Cable	mm²	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	-25~30	-25~30	-25~30	-25~30