

# SPLIT TYPE AIR CONDITIONERS - AIR TO AIR HEAT PUMPS

## NØRDIS ORION PRO series



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

**RAPID COOLING** within 30 s **AND FAST HEATING** within 60 s

Windless air cooling with **Gentle Cool Wind TECHNOLOGY**

**SMART AIRFLOW CONTROLS** cooling by "shower" type airflow, heating by "blanket" type airflow

**"I FEEL" TECHNOLOGY** for smart temperature control

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

**SELF-CLEANING AND DISINFECTION AT 56°C**

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

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

### MODELS:

Orion Pro OP09TC1

Orion Pro OP12TC1

Orion Pro OP18TC1

Orion Pro OP24TC1



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	+/-	+	+	+	+	
<b>Indoor Unit</b>						
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 Level	db(A)	52/47/43/35/32	52/47/43/35/32	54/50/47/43/36	58/53/49/45/42	
<b>Outdoor Unit</b>						
Dimension (WxHxD)	mm	795x549x305	795x549x305	853x602x349	920x699x380	
Dimension of Package (LxWxH)	mm	835x340x585	835x340x585	890x628x385	960x732x430	
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	