

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 maintain-
ing a constant temperature in
non-permanent living spaces

 **SELF-CLEANING AND DISIN-
FECTION 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		+/-	+	+	+	+
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 Level		db(A)	52/47/43/35/32	52/47/43/35/32	54/50/47/43/36	58/53/49/45/42

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

NØRDIS ORION PRO systems



ORION PRO MULTI-SPLIT
system combinations

FMA-14I2HD/DVO		FMA-18I2HD/DVO		FMA-27I3HD/DVO		FMA-32I4HD/DVO		
1 indoor unit	2 indoor units	1 indoor unit	2 indoor units	2 indoor units	3 indoor units	2 indoor units	3 indoor units	4 indoor units
9	9+9	9	9+9	9+9	9+9+9	9+9	9+9+9	9+9+9+9
12	9+12	12	9+12	9+12	9+9+12	9+12	9+9+12	9+9+9+12
		18	9+18	9+18	9+9+18	9+18	9+9+18	9+9+9+18
			12+12	12+12	9+12+18	12+12	9+12+18	9+9+12+12
				12+18	12+12+12	12+18	12+12+18	
				18+18		18+18		

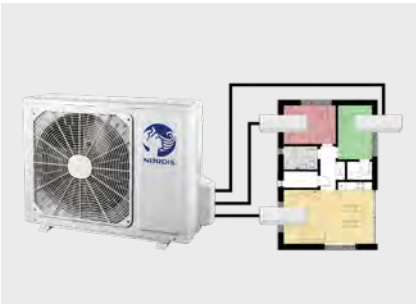
Heat and cool several separate areas of your home

NØRDIS Multi-Split systems provide powerful and efficient cooling and heating for two, three or four units connected to a single outdoor unit.



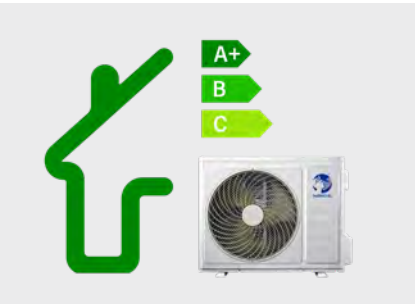
Space-saving solution

No need to install separate outdoor units for each air conditioner inside. The compact and quiet design of the outdoor unit therefore takes up less space than installing separate split systems.



Independent device management

The outdoor unit is connected to each indoor unit via a separate pipe, so that the settings for each indoor unit can be adjusted individually.



Optimised performance and energy savings

One external device is much more efficient and energy saving. Advanced inverter heat pump technology allows you to achieve higher efficiency and energy savings through reduced electricity consumption.

Model			FMA-14I2HD/DVO	FMA-18I2HD/DVO	FMA-27I3HD/DVO	FMA-32I3HD/DVO
Number of Indoor Units			1-2	1-2	1-3	1-4
Capacity	Cooling	kW	4.10 (1.20-4.85)	5.20 (1.23-5.60)	7.90 (2.80-8.80)	9.40 (3.10-10.20)
	Heating	kW	4.31 (1.25-5.20)	5.29 (1.29-5.75)	7.96 (2.45-8.80)	9.45 (2.55-10.20)
Current	Cooling	A	6.3 (1.2~8.0)	8.2 (1.3~10.5)	12.7 (1.6~14.0)	14.1 (1.8~17.0)
	Heating	A	5.9 (1.1~8.0)	7.3 (1.2~10.5)	10.9 (1.9~14.0)	13.0 (2.3~17.0)
Electricity Consumption	Cooling	kW	1.2	1.6	2.63	2.76
	Heating	kW	1.1	1.4	2.1	2.54
SEER			6.10	6.20	6.10	6.10
SCOP			4.0	4.0	4.0	4.1
Energy Class			A++/A+	A++/A+	A++/A+	A++/A+
Dimensions (WxDxH)		mm	835×605×360	835×605×360	968×655×375	990×910×340
Dimensions of Package (LXWxH)		mm	883×645×394	883×645×394	1015×715×425	1030×950×430
Weight Netto/Bruto		kg	34/38	34/38	46/51	68/80
Air Flow Volume		m3/h	2100	2100	3000	4000
Sound Pressure Level		db(A)	65	65	68	70
Refrigerant Liquid			R32	R32	R32	R32
Refrigerant Charge		kg	1.10	1.10	1.60	2.20
Max. Pipe Length Without Additional Refrigerant		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
	Length	m	15	15	15	15
Power Cable		mm2	3x1.5	3x1.5	3x2.5	3x2.5
Automatic Switch		A	16	16	16	25
Cooling Operation Temperature Range		°C	-15~53	-15~53	-15~53	-15~53
Heating Operation Temperature Range		°C	-20~32	-20~32	-20~32	-20~32