



NORD EcoHeat FP

Heat pump with twin rotary
Panasonic EVI compressor



High efficiency heat pumps EcoHeat ►



ENVIRONMENTALLY FRIENDLY – R290

NORD EcoHeat uses R290 – a natural propane refrigerant with a near-zero Global Warming Potential (GWP ≈ 3). It offers excellent energy efficiency and minimal environmental impact — a sustainable choice that does not compromise performance.



HIGH TEMPERATURE OUTPUT

Compatible with traditional radiators — up to 75 °C water temperature allows easy integration into existing heating systems without expensive upgrades.



ECO-MODE OPERATION

Its unique functionality allows your heat pump to utilize surplus PV energy whenever it's available. Unlock the full potential of the system with EcoControl and EcoMaster devices and maximize your savings now!



PV READY

The NORD EcoHeat system can be used with existing photovoltaic systems, even without the EcoMaster inverter.



SMART DEFROST TECHNOLOGY

Winter heating made worry-free. Thanks to its intelligent defrost function, NORD EcoHeat can defrost itself within just 3–5 minutes.



A+++ ENERGY LABEL

Save energy with NORD EcoHeat. It achieves the EU A+++ energy efficiency rating, providing users with greater thermal comfort at a lower cost.



SMART GRID READY

The Smart Grid Ready label certifies that the NORD EcoHeat heat pump can operate intelligently according to a defined interface for load management with third-party systems.



ENERGY EFFICIENT

NORD EcoHeat is four times more energy efficient than an electric boiler system, thanks to its ability to absorb energy from the outdoor environment.



OPERATION RANGES

NORD EcoHeat operates efficiently across a wide range of ambient temperatures.



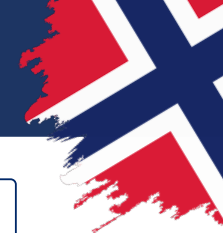
POSSIBILITY OF COOLING

The NORD EcoHeat heat pump is capable of providing domestic hot water, heating, and cooling.



NOISE CONTROL

NORD EcoHeat operates at a lower noise level than a typical office conversation, thanks to its specially designed components.



TECHNICAL DATA



NORD EcoHeat MB	7.0 F1P	10.0 F1P	12.0 F3P	20.0 F3P
ErP Level (35 °C)	A+++	A+++	A+++	A+++
ErP Level (55 °C)	A++	A++	A++	A++

A7W35 - HEATING

Capacity Range (kW)	2.88-8.29	4.42-11.81	5.43-15.65	8.24-22.24
Rated Capacity (kW)	7.02	10.04	11.95	19.56
Input Power Range (kW)	0.56-1.85	0.83-3.04	1.02-3.99	1.54-5.48

A35W7 - COOLING

Capacity Range (kW)	1.34-4.89	3.14-7.04	3.99-9.19	3.67-12.88
Rated Capacity (kW)	4.51	7.35	8.52	12.55
Input Power Range (kW)	0.71-1.86	1.02-2.75	1.24-4.02	1.74-4.79

A20W15-55 - DWH

Capacity Range (kW)	2.50-7.50	5.06-10.01	8.13-14.24	11.43-19.23
Rated Capacity (kW)	6.80	9.23	12.00	18.00
Input Power Range (kW)	0.57-1.95	1.20-2.54	1.91-3.50	2.69-4.71

POWER SUPPLY

Power Supply (V / Phases / Hz)	220/1/50	220/1/50	380/3/50	380/3/50
Max. Input Power (kW)	2.4	4.0	5.1	6.5
Max. Input Current (A)	10.3	18.0	8.5	13.4

NOISE LEVEL & SCOP

Sound Pressure [dB(A)] in 10m	≤18	≤18	≤20	≤26
Sound Pressure [dB(A)] in 1m	≤38	≤38	≤39	≤46
SCOP (35°C)	4.60	4.56	4.80	4.90

REFRIGERANT

Type / GWP	R290/3	R290/3	R290/3	R290/3
Charged Volume (kg)	0.75	0.9	1.1	1.5

OPERATION RANGE

Ambient Temperature (°C)	-25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43
Water Outlet Temperature (°C)	5~75	5~75	5~75	5~75

COMPRESSOR

Type (Twin rotary DC compressor)	Highly	Panasonic EVI		
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PUMP

Type	Inverter			
Pump Head (m)	8			

HYDRAULIC

Rated Water Flow Rate (m³/hr)	1.2	1.72	2.06	3.44
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PIPING CONNECTIONS

Piping Connections Inlet	DN25			
Piping Connections Outlet	DN25			

PACKING

Dimensions L x W x H (mm)	1288×514×888			1288×514×1397
Packing Dimensions L x W x H (mm)	1385×555×1031			1385×555×1545
Net Weight (kg)	121	125	153	220
Gross Weight (kg)	158	160	188	264



NORD EcoHeat MB 7.0 F1P | MB 10.0 F1P | 12.0 F3P |



NORD EcoHeat 20.0 F3P

