



NORD EcoHeat

Heat pump with twin rotary
Panasonic EVI compressor

High efficiency heat pumps EcoHeat ▶



ECO-MODE OPERATION

With the unique functionality you can use pv-energy surplus with your heat pump as much you have available. Use the full capability of the system with EcoControl and EcoMaster devices and maximize your savings now!



PV READY

Nord EcoHeat can be used for existing PV power systems even without having an EcoMaster. Simply install a NORD Power Genius 3000 and take advantage of the Eco-Mode operation logic.



SMART DEFROST TECHNOLOGY

Winter heating worry-free. Nord EcoHeat thanks to the intelligent defrost function, it can defrost yourself within 3-5 minutes.



NOISE CONTROL

NORD EcoHeat achieves a lower noise level than normal office conversation thanks to specially designed components.



A+++ ENERGY LABEL

Save energy with the NORD EcoHeat. With EcoHeat, you can achieve EU A+++ energy efficiency rating, giving users a higher thermal comfort at a lower cost.



SMART GRID READY

Smart grid ready certifies, that NORD EcoHeat heat pump can work smartly according to a defined interface for load management with third party systems.



ENERGY EFFICIENT

NORD EcoHeat is 4-times more energy efficient than electric boiler system thanks to absorbing energy from the outdoor environment.



OPERATION RANGES

NORD EcoHeat has a wide ambient temperature operation range.



POSSIBILITY OF COOLING

The NORD EcoHeat heat pump is capable DHW production, heating and cooling.



TECHNICAL DATA



NORD EcoHeat MB	5.0 F	7.0 F	9.0 F	12.0 F	16.0 F	18.0 F	22.0 F
ErP Level (35 °C)	A+++	A+++	A+++	A+++	A+++	A+++	A+++
ErP Level (55 °C)	A++	A++	A++	A++	A++	A++	A++

A7W35 - HEATING

Capacity Range (kW)	3.00-6.00	3.00-9.00	4.00-12.50	8.00-17.50	8.00-17.50	8.60-24.00	8.60-24.00
Rated Capacity (kW)	5.0	7.0	9.0	12.5	16	18.0	22
Input Power Range (kW)	0.60-1.54	0.60-2.15	0.95-3.25	1.75-4.22	1.75-4.22	1.80-5.95	1.80-5.95

A35W7 - COOLING

Capacity Range (kW)	2.00-5.00	2.00-7.00	3.20-7.70	5.40-14.00	5.40-14.00	5.70-15.50	5.70-15.50
Rated Capacity (kW)	3.5	5.0	6.4	9.7	12.0	12.4	14.0
Input Power Range (kW)	0.7-2.15	1.05-2.65	1.05-3.50	2.03-6.01	2.03-6.01	1.80-7.00	1.80-7.50

A20W15-55 - DWH

Capacity Range (kW)	2.60-8.00	2.60-9.00	4.20-10.13	9.00-15.00	9.00-15.00	9.50-27.00	9.50-27.00
Rated Capacity (kW)	7.0	8.5	10.2	15.0	15.0	23.0	27.0
Input Power Range (kW)	0.52-1.85	0.87-2.35	0.87-2.38	1.92-3.56	1.92-3.56	1.97-7.20	2.37-7.25

POWER SUPPLY

Power Supply (V / Phases / Hz)	220/1/50	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Max. Input Power (kW)	2.2	3	4	5.5	6.5	8	9
Max. Input Current (A)	10	13.5	6.4	8	9.5	12	13.5

NOISE LEVEL & SCOP

Sound Pressure [dB(A)] in 5m	≤36	≤37	≤40	≤41	≤44	≤47	≤47
SCOP	4.56	5.07	4.84	4.50	4.89	4.50	4.62

REFRIGERANT

Type / GWP	R32/675	R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charged Volume (kg)	2.2	2.2	2.2	2.15	2.2	2.8	2.8

OPERATION RANGE

Ambient Temperature (°C)	-25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43	-25 ~ +43
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COMPRESSOR

Type	Twin rotary DC compressor Heat Pump
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PUMP

Type	Inverter
Pump Head (m)	8

HYDRAULIC

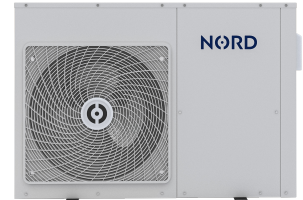
Rated Water Flow Rate (m³/hr)	0.90	1.2	1.5	2	2.75	3	3.8
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PIPING CONNECTIONS

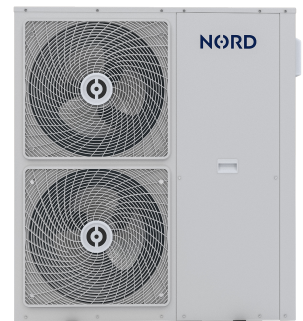
Piping Connections Inlet	DN25
Piping Connections Outlet	DN25

PACKING

Dimensions L x W x H (mm)	1298×493×891			1298×493×891			1298×493×1400	
Packing Dimensions L x W x H (mm)	1340×523×1015			1340×523×1015			1340×523×1524	
Net Weight (kg)	100	100	115	115	115	125	125	
Gross Weight (kg)	115	115	130	130	130	145	145	



NORD EcoHeat MB 5.0 F | MB 7.0 F | MB 9.0 F | 12.0 F | 16.0 F



NORD EcoHeat MB 18.0 F | 22.0 F

