

NORD EcoHeat

Twin rotary DC inverter

High efficiency heat pumps ►



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 your energy with NORD EcoHeat. The highest energy efficiency level can reach the EU Energy Efficiency A+++, which ensures that users can get a better experience at a lower cost.



SMART GRID READY

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



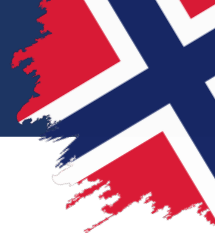
ENERGY EFFICIENT

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



OPERATION RANGES

NORD EcoHeat has a wide ambient temperature operation range.



TECHNICAL DATA



NORD EcoHeat MB

	9.0 F	12.0 F	14.0 F	16.0 F	18.0 F	20.0 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

Capacity Range (kW)	4.00-12.66	8.00-15.30	9.00-16.20	10.00-17.70	8.65-21.88	9.65-23.88	10.65-23.90
Rated Capacity (kW)	9.1	12.5	14	16	18.1	20	22
Input Power Range (kW)	0.90-3.15	1.75-3.52	1.95-3.88	2.23-4.22	1.80-5.25	2.00-5.95	2.20-6.05

A35W7

Capacity Range (kW)	3.20-7.74	5.38-12.15	5.38-13.21	5.38-14.31	5.70-14.27	6.10-15.57	5.70-15.60
Rated Capacity (kW)	6.4	9.7	10.5	12.0	12.4	14.0	14.0
Input Power Range (kW)	1.05-3.50	2.03-4.65	2.35-4.65	2.68-6.01	1.80-6.40	2.20-7.00	2.40-7.80

A20W15-55

Capacity Range (kW)	4.20-10.13	9.20-13.27	10.20-14.15	11.20-15.03	9.58-25.64	11.58-27.64	9.60-27.60
Rated Capacity (kW)	10.2	13.0	14.0	15.0	22.80	25.5	25.5
Input Power Range (kW)	0.87-2.38	1.92-2.38	2.22-3.12	2.43-3.56	1.97-6.25	2.37-6.75	2.37-7.25

POWER SUPPLY

Power Supply (V / Phases / Hz)	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Max. Input Power (kW)	4	5.5	6	6.5	8	9	9
Max. Input Current (A)	18	8	8.8	9.5	12	13.5	13.5

NOISE LEVEL

Sound Pressure [dB(A)]	≤54	≤54	≤55	≤55	≤57	≤59	≤59
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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	2.2	2.8	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 inverter
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PUMP

Type	Inverter
Pump Head (m)	8

HYDRONIC

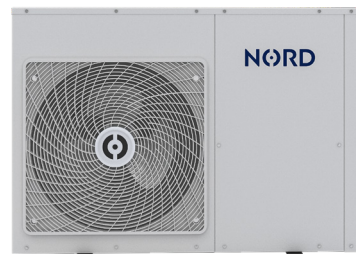
Rated Water Flow Rate (m³/hr)	1.5	2	2.4	2.75	3	3.4	3.4
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PIPING CONNECTIONS

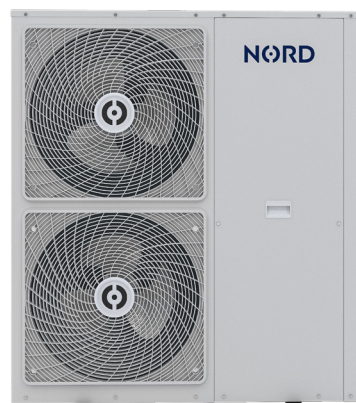
Piping Connections Inlet	DN25
Piping Connections Outlet	DN25

PACKING

Dimensions L x W x H (mm)	1298×455×891				1298×455×1400		
Packing Dimensions L x W x H (mm)	1340×523×1015				1340×523×1524		
Net Weight (kg)	100	115	115	115	125	125	125
Gross Weight (kg)	115	130	130	130	145	140	150



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NORD EcoHeat MB 18.0 F | 20.0 F | 22.0 F

