

2/1/2025

→ 4/1/2025

GET DATA



Heat Pump
Midea/Nordis

Estimated
CoP HP*

Total 2.84, Heat
2.85, HW 2.62

Estimated
Heating Cost
HP*

37.28

Estimated
Heat
Delivered HP
kWh*

473.29

Estimated
Electricity
Consumption
HP kWh*

166.81

Estimated
Tank
Booster
Heater
Heating
kWh*

0.4

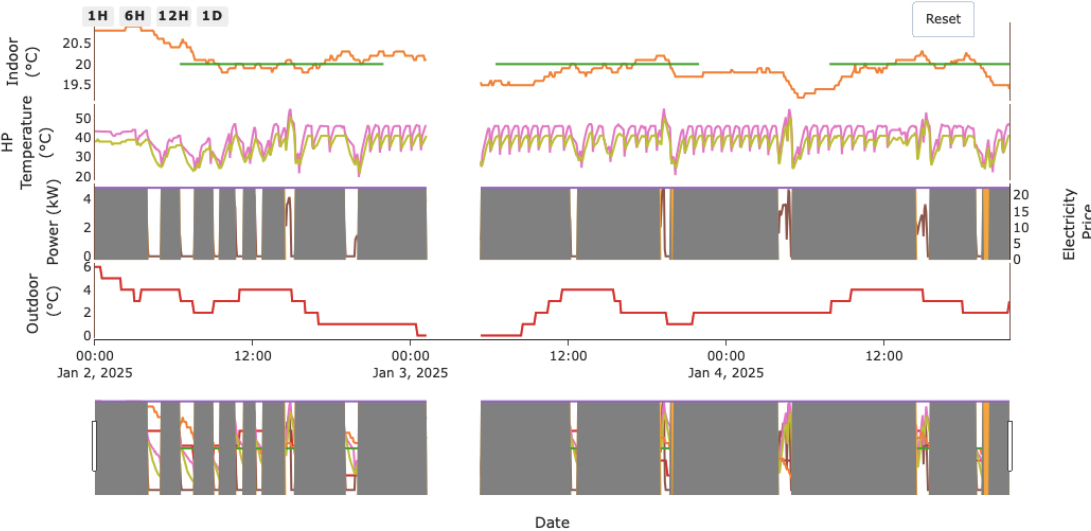
Flow
temperatures

Maximum 46,
Minimum 25

Current
Error

No Error ()

Temperature Set Temperature Maximum Temperature Humidity Sunlight Flow Temperature
Flow Temperature Set Point Return Temperature Hot Water Temperature Hot Water Set Point HP On/Off Z2
Flow Rate m3/h Flow Rate l/min Estimated Heat Output HP Estimated Power Input HP Refrigerant Gas Temperature
PMV Openness Operating Frequency Voltage on HP CoP HP hw_force_heating tbh_heating ibh_heating
HP Outdoor Temperature Fan speed High Pressure Condenser Temp T1 sensor (after AHS)
Compressor discharge Refrigerant Liquid T Refrigerant Gas T Low pressure 3 way valve position Defrost
External heater Electric heater IBH1 Disinfection Tank Booster Heater HP Intended Heating HP Actual Heating
HP Intended Hot Water HP Actual Hot Water Outside Temperature Electricity Price



Electricity consumption

Consumption calculated assumin two 100W pumps are installed and HP internal information on the current and voltage. Excluding immersion heater

Heat Input

Taken from the heat pump as the ability of the hydraulic module. We are assuming water (NOT glycol) as the heat transfer medium

CoP

Calculated assuming water as the heating medium and only taking into account power consumption during heating. No standby consumption

Modbus Alerts

No modbus errors raised

Heat Pump Field Settings

Parameter name	Parameter value
UnitVersion	32
ControllerVersion	56
PumpRunningTime	5
DT5on	5
DT15S	10

IIntervalDhw	5
T4DHWmax	43
T4DHWmin	-20
TbhDelay	90
DtTbhOff	0
T4TbhOn	-5
T5sDi	65
TdiMax	120
TdiHighTemp	15
Dt1Sh	5
DtSh	2
T4Hmax	25
T4Hmin	-25
T4Bih	-5
dT1IbhOn	5
IbhDelay	30
T4AhsOn	10
DT1AhsOn	5
AhsDelay	30
TdhwHpMax	120
TdhwHpRestrict	60
PowerInputLimitation	0
T4FreshH	257
TpumpDelay	4
Emission Type Z1	Radiators
Emission Type Z2	Underfloor
HP WC	Disabled