Subtype KAW series 8KW 10KW	
Certificate Holder	Qingdao Economic & Technology Development Zone Haier Water Heater Co., Ltd.
Address	Haier Industry Park Qingdao Economic & Technology District
ZIP	
City	Shandong
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	KAW series 8KW 10KW
Registration number	011-1W1032
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.3 kg
Certification Date	11.04.2025
Testing basis	HP KEYMARK certification scheme rules V14

Model KAWM08-ND2(GN)	
Model name	KAWM08-ND2(GN)
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	8.00 kW	8.00 kW
El input	1.62 kW	2.42 kW
COP	4.95	3.30

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	2.50 kW	1.63 kW
Cooling capacity	8.00	8.00
EER	3.20	4.90

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	193 %	151 %
Prated	8.00 kW	8.00 kW
SCOP	4.90	3.85
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	7.07 kW	7.16 kW
COP Tj = -7°C	3.36	2.64
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.57 kW	4.52 kW
COP Tj = +2°C	4.90	3.79
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.07 kW	2.92 kW
COP Tj = +7°C	6.12	4.74
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.64 kW	3.50 kW
COP Tj = 12°C	7.98	6.40
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	8.11 kW	8.15 kW
COP Tj = Tbiv	2.88	2.36
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.11 kW	8.15 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.88	2.36
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	9 W	9 W
PTO	40 W	40 W
PSB	9 W	9 W
PCK	22 W	22 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3388 kWh	4365 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	8.00 kW	8.00 kW
SEER	4.50	6.30
Pdc Tj = 35°C	8.09 kW	8.14 kW
EER Tj = 35°C	3.21	4.98
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	5.91 kW	6.00 kW
EER Tj = 30°C	4.13	6.25
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	3.83 kW	3.95 kW
EER Tj = 25°C	5.97	8.76
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	3.34 kW	4.11 kW
EER Tj = 20°C	7.60	10.60
Cdc Tj = 20 °C	0.900	0.900
Poff	9 W	9 W

PTO	40 W	40 W
PSB	9 W	9 W
PCK	0 W	0 W
Annual energy consumption Qce	1056 kWh	770 kWh

Model KAWM10-ND2(GN)	
Model name	KAWM10-ND2(GN)
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	10.00 kW	10.00 kW
El input	2.08 kW	3.03 kW
COP	4.80	3.30

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	3.33 kW	2.15 kW
Cooling capacity	10.00	10.00
EER	3.00	4.65

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	193 %	151 %
Prated	10.00 kW	10.00 kW
SCOP	4.90	3.85
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	9.05 kW	8.98 kW
COP Tj = -7°C	3.29	2.59
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	5.44 kW	5.55 kW
COP Tj = +2°C	4.81	3.83
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.54 kW	3.54 kW
COP Tj = +7°C	6.43	4.92
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	3.66 kW	3.50 kW
COP Tj = 12°C	8.21	6.45
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	10.13 kW	10.15 kW
COP Tj = Tbiv	2.72	2.23
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.13 kW	10.15 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.72	2.23
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	9 W	9 W
PTO	40 W	40 W
PSB	9 W	9 W
PCK	22 W	22 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	4217 kWh	5361 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	10.00 kW	10.00 kW
SEER	4.50	6.50
Pdc Tj = 35°C	10.07 kW	10.05 kW
EER Tj = 35°C	3.06	4.69
Cdc Tj = 35 °C	0.900	0.900
Pdc Tj = 30°C	7.38 kW	7.49 kW
EER Tj = 30°C	4.01	6.11
Cdc Tj = 30 °C	0.900	0.900
Pdc Tj = 25°C	4.97 kW	4.88 kW
EER Tj = 25°C	5.50	8.31
Cdc Tj = 25 °C	0.900	0.900
Pdc Tj = 20°C	3.34 kW	4.11 kW
EER Tj = 20°C	7.60	10.60
Cdc Tj = 20 °C	0.900	0.900
Poff	9 W	9 W

PTO	40 W	40 W
PSB	9 W	9 W
PCK	0 W	0 W
Annual energy consumption Qce	1306 kWh	927 kWh