

## Subtype AquaMaster Inverter AQ26I-1

Certificate Holder	Master Therm tepelna cerpadla s.r.o.
Address	Vaclavske namesti 819/43
ZIP	110 00
City	Praha
Country	CZ
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)
Subtype title	AquaMaster Inverter AQ26I-1
Registration number	037-0203-25
Heat Pump Type	Brine/Water
Refrigerant	R410A
Mass of Refrigerant	1.3 kg
Certification Date	09.04.2025
Testing basis	HP Keymark certification scheme rules rev. no.14
Testing laboratory	SZU Brno, CZ

## Model AquaMaster Inverter AQ26I-1

Model name	AquaMaster Inverter AQ26I-1
Application	Heating (medium temp)
Units	Indoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

## General data

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

## Brine/Water

### EN 14511-4 | Heating

Shutting off the heat transfer medium flow passed

Complete power supply failure	passed
Starting and operating test	passed

### EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	7.62 kW	6.88 kW
El input	1.70 kW	2.35 kW
COP	4.49	2.93

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	48 dB(A)	48 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	190 %	144 %
Prated	8.94 kW	7.99 kW
SCOP	4.94	3.81
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.06 kW	7.17 kW
COP Tj = -7°C	4.34	3.04
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	4.99 kW	4.35 kW
COP Tj = +2°C	4.91	3.77
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	3.16 kW	2.77 kW
COP Tj = +7°C	5.51	4.42
Cdh Tj = +7 °C	0.900	0.900

Pdh Tj = 12°C	1.90 kW	1.83 kW
COP Tj = 12°C	5.65	4.64
Cdh Tj = +12 °C	0.965	0.970
Pdh Tj = Tbiv	8.94 kW	7.99 kW
COP Tj = Tbiv	4.13	2.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.94 kW	7.99 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.13	2.86
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	60 °C	60 °C
Poff	12 W	12 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3735 kWh	4333 kWh