

Subtype BoxAir Inverter BA26IP

Certificate Holder	Master Therm tepelna cernadla s.r.o.
Address	Vaclavské náměstí 819/43
ZIP	110 00
City	Praha
Country	CZ
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)
Subtype title	BoxAir Inverter BA26IP
Registration number	037-194-25
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.9 kg
Certification Date	25.03.2025
Testing basis	HP Keymark certification scheme rules rev. no.13
Testing laboratory	SZU Brno, CZ

**Model BoxAir Inverter BA26IP**

Model name	BoxAir Inverter BA26IP
Application	Heating (medium temp)
Units	Outdoor
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

**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	5.55 kW	7.85 kW
EI input	1.07 kW	2.32 kW
COP	5.18	3.39

**EN 12102-1 | Average Climate**

	Low temperature	Medium temperature
Sound power level outdoor	53 dB(A)	53 dB(A)

**EN 14825 | Average Climate**

	Low temperature	Medium temperature
$\eta_s$	203 %	150 %
Prated	6.57 kW	6.22 kW
SCOP	5.14	3.83
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	6.03 kW	5.59 kW
COP Tj = -7°C	3.21	2.45
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.62 kW	3.36 kW
COP Tj = +2°C	5.01	3.65
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.32 kW	2.23 kW
COP Tj = +7°C	7.40	5.49

Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.51 kW	2.43 kW
COP Tj = 12°C	9.00	6.71
Cdh Tj = +12 °C	0.932	0.947
Pdh Tj = Tbiv	6.57 kW	6.22 kW
COP Tj = Tbiv	3.26	2.40
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.57 kW	6.22 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.26	2.40
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	65 °C	65 °C
Poff	19 W	19 W
PTO	19 W	19 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2639 kWh	3359 kWh