

This information was generated by the HP KEYMARK database on 27 Jan 2021

Summary of	BoxAir Inverter BA26I	Reg. No.	037-0064-21
Certificate Holder			
Name	Master Therm tepelna cerpadla s.r.o.		
Address	Vaclavske namesti 819/43	Zip	110 00
City	Praha	Country	Czech Republic
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)		
Subtype title	BoxAir Inverter BA26I		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.7 kg		
Certification Date	26.01.2021		
Testing basis	HP Keymark scheme rules rev. no. 7		

Model: BoxAir Inverter BA26I

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.47 kW	5.04 kW
El input	1.12 kW	1.59 kW
COP	4.90	3.17
Indoor water flow rate	0.94 m ³ /h	0.54 m ³ /h

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

Average Climate

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EN 12102-1

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

EN 14825

	Low temperature	Medium temperature
η_s	183 %	135 %
Prated	6.47 kW	6.03 kW
SCOP	4.66	3.45
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.72 kW	5.34 kW
COP Tj = -7°C	2.77	2.03
Cdh	0.90	0.90
Pdh Tj = +2°C	3.54 kW	3.33 kW
COP Tj = +2°C	4.41	3.32
Cdh	0.90	0.90
Pdh Tj = +7°C	2.22 kW	1.98 kW
COP Tj = +7°C	6.70	4.86
Cdh	0.90	0.90
Pdh Tj = 12°C	2.58 kW	2.40 kW

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COP Tj = 12°C	8.24	6.11
Cdh	0.94	0.95
Pdh Tj = Tbiv	5.72 kW	5.34 kW
COP Tj = Tbiv	2.79	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.09 kW	5.36 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.76
WTOL	60 °C	60 °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	0.38 kW	0.67 kW
Annual energy consumption Qhe	2868 kWh	3607 kWh