

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

Summary of	BoxAir Inverter BA60IS-1	Reg. No.	037-0072-21
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 BA60IS-1		
Heat Pump Type	Aire exterior / agua		
Refrigerant	R410a		
Mass Of Refrigerant	6.9 kg		
Certification Date	26.01.2021		
Testing basis	HP Keymark scheme rules rev. no. 7		

Model: BoxAir Inverter BA60IS-1

General Data

Power supply	3x400V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Salida calefacción	19.83 kW	22.96 kW
Entrada EI	4.24 kW	7.40 kW
COP	4.68	3.10
Tasa de flujo de entrada de agua en la unidad interior	3.42 m ³ /h	2.47 m ³ /h

EN 14511-4

cortando la transferencia de calor de caudal medio	passed
Fallo completo de alimentación eléctrica	passed
Test de desescarche	passed
Starting and operating test	passed

Average Climate

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EN 12102-1

	Low temperature	Medium temperature
Potencia sonora de la unidad interior	53 dB(A)	53 dB(A)
Potencia sonora de la unidad exterior	58 dB(A)	58 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	177 %	135 %
Prated	22.57 kW	22.06 kW
SCOP	4.50	3.45
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	20.64 kW	20.77 kW
COP Tj = -7°C	2.64	2.04
Cdh	0.90	0.90
Pdh Tj = +2°C	12.68 kW	12.27 kW
COP Tj = +2°C	4.21	3.22
Cdh	0.90	0.90
Pdh Tj = +7°C	8.04 kW	7.81 kW
COP Tj = +7°C	6.61	5.06
Cdh	0.90	0.90

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Pdh Tj = 12°C	9.26 kW	9.01 kW
COP Tj = 12°C	8.02	6.13
Cdh	0.98	0.98
Pdh Tj = Tbiv	22.57 kW	22.06 kW
COP Tj = Tbiv	2.35	1.55
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	22.57 kW	22.06 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.35	1.55
WTOL	60 °C	60 °C
Poff	27 W	27 W
PTO	26 W	26 W
PSB	27 W	27 W
PCK	0 W	0 W
Calentador suplementario: tipo de energía de entrada	Electricity	Electricity
Calentador suplementario: P _{SUP}	0.00 kW	0.00 kW
Consumo annual de energia Q _{HE}	10351 kWh	13226 kWh