

Summary of	Assure Mono 12 16	Reg. No.	ICIM-PDC-000082-00	
Certificate Holder				
Name	BAXI Heating UK Limited	BAXI Heating UK Limited		
Address	Acordn House, Coventry road	Zip	CV34 4RT	
City	Warwick	Country	United Kingdom	
Certification Body	ICIM S.p.A.			
Name of testing laboratory	OBL certificate			
Subtype title	Assure Mono 12 16			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass Of Refrigerant	2.8 kg			
Certification Date	25.06.2020	25.06.2020		
Testing basis	HP KEYMARK certification scheme rules rev. 7			



Model: Assure Mono 12

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	12.30 kW	11.90 kW
El input	2.56 kW	4.28 kW
СОР	4.81	2.78
Indoor water flow rate	2.12 m³/h	1.28 m³/h

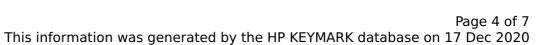
Average Climate

EN 14825		
L	Low temperature	Medium temperature
η_s 1	169 %	126 %





.29 7°C 10°C 0.52 kW	13.00 kW 3.23 -7 °C -10 °C 11.29 kW
7 °C 10 °C 0.52 kW	-7 °C -10 °C
10 °C 0.52 kW	-10 °C
0.52 kW	
	11.29 kW
00	
.88	2.05
.90	0.90
.50 kW	7.31 kW
.15	3.14
.90	0.90
.12 kW	4.96 kW
.74	4.25
.90	0.90
.23 kW	2.37 kW
.40	4.94
.90	0.90
0.52 kW	11.29 kW
.88	2.05
2.01 kW	11.88 kW
.60	1.79
.90	0.90
	50 kW 55 60 kW 65 60 kW 64 60 60 63 kW 60 60 652 kW 68 601 kW





WTOL	60 °C	60 °C
Poff	9 W	9 W
РТО	15 W	15 W
PSB	9 W	9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0.00 kW	0.90 kW
Annual energy consumption Qhe	5726 kWh	8164 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)



Model: Assure Mono 16

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	16.30 kW	16.10 kW
El input	3.66 kW	5.90 kW
СОР	4.45	2.73
Indoor water flow rate	2.80 m³/h	1.73 m³/h

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{S}	169 %	128 %





Prated	16.00 kW	15.00 kW
SCOP	4.30	3.27
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	14.15 kW	12.90 kW
COP Tj = -7°C	2.72	2.04
Cdh	0.90	0.90
Pdh Tj = +2°C	8.92 kW	8.25 kW
COP Tj = +2°C	4.17	3.21
Cdh	0.90	0.90
Pdh Tj = $+7^{\circ}$ C	5.64 kW	5.45 kW
$COP Tj = +7^{\circ}C$	5.86	4.32
Cdh	0.90	0.90
Pdh Tj = 12°C	2.47 kW	2.57 kW
COP Tj = 12°C	6.28	5.12
Cdh	0.90	0.90
Pdh Tj = Tbiv	14.15 kW	12.90 kW
COP Tj = Tbiv	2.72	2.04
Pdh Tj = TOL	12.93 kW	11.16 kW
COP Tj = TOL	2.41	1.65
Cdh	0.90	0.90



 $$\operatorname{\textit{Page}}\ 7$$ of 7 This information was generated by the HP KEYMARK database on 17 Dec 2020

WTOL	60 °C	60 °C
Poff	9 W	9 W
PTO	41 W	41 W
PSB	9 W	9 W
PCK	o w	o w
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	3.10 kW	3.40 kW
Annual energy consumption Qhe	7687 kWh	9216 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	dB(A)	dB(A)	
Sound power level outdoor	71 dB(A)	71 dB(A)	