

Summary of	Assure Mono 12 16	Reg. No.	ICIM-PDC-000084-00
Certificate Holder			
Name	BAXI Potterton Myson		
Address	Unit F 5&6, Calmount Park, Ballymount	Zip	Dublin 12
City	Dublin	Country	Ireland
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		
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

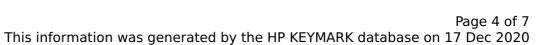
### **Average Climate**

EN 14825		
L	Low temperature	Medium temperature
$\eta_s$ 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
$\eta_{S}$	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



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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)	