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Login

Summary of	Assure Mono 5 7 9	Reg. No.	ICIM-PDC-000081-00
Certificate Holder	Certificate Holder		
Name	BAXI Heating UK Limited		
Address	Acordn House, Coventry road	Acordn House, Coventry road Zip CV34 4RT	
City	Warwick	Country	United Kingdom
Certification Body	ICIM S.p.A.		
Subtype title	Assure Mono 5 7 9		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	2 kg		
Certification Date	25.06.2020		
Testing basis	HP KEYMARK certification scheme rules rev. 7		

Model: Assure Mono 5

Configure model		
Model name	Assure Mono 5	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply 1x230V 50Hz		

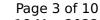
Heating

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		Medium temperature
Heat output	4.65 kW	4.65 kW
El input	0.93 kW	1.77 kW
СОР	5.00	2.63

Average Climate

EN 14825





	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.24
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.88 kW	5.83 kW
COP Tj = -7°C	2.91	1.97
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	3.64 kW	3.68 kW
COP Tj = +2°C	4.38	3.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = $+7^{\circ}$ C	2.42 kW	2.47 kW
$COPTj = +7^{\circ}C$	5.89	4.21
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.03 kW	1.26 kW
COP Tj = 12°C	5.89	4.91
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.88 kW	5.83 kW
COP Tj = Tbiv	2.91	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.62 kW	5.86 kW

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Sound power level outdoor

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.63	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	9 W	9 W
РТО	9 W	9 W
PSB	9 W	9 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	3071 kWh	4203 kWh

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

61 dB(A)

61 dB(A)

Model: Assure Mono 7

Configure model		
Model name	Assure Mono 7	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

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	6.65 kW	6.80 kW
El input	1.35 kW	2.42 kW
СОР	4.94	2.81

Average Climate

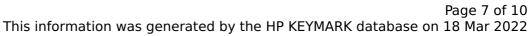
EN 14825





	Low temperature	Medium temperature
η_{s}	176 %	127 %
Prated	7.00 kW	7.00 kW
SCOP	4.47	3.24
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.88 kW	5.83 kW
COP Tj = -7°C	2.91	1.97
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = +2°C	3.64 kW	3.68 kW
COP Tj = +2°C	4.38	3.22
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	2.42 kW	2.47 kW
$COPTj = +7^{\circ}C$	5.89	4.21
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.03 kW	1.26 kW
COP Tj = 12°C	5.89	4.91
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	5.88 kW	5.83 kW
COP Tj = Tbiv	2.91	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.62 kW	5.86 kW

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.63	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	60 °C	60 °C
Poff	9 W	9 W
PTO	6 W	6 W
PSB	9 W	9 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.70 kW
Annual energy consumption Qhe	3701 kWh	4203 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

Model: Assure Mono 9

Configure model		
Model name	Assure Mono 9	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	No	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

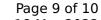
Heating

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	8.60 kW	8.60 kW
El input	1.87 kW	3.12 kW
СОР	4.60	2.75

Average Climate

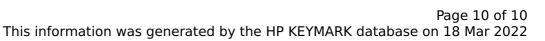
EN 14825





	Low temperature	Medium temperature
η_{S}	177 %	126 %
Prated	8.00 kW	7.00 kW
SCOP	4.51	3.22
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.42 kW	6.58 kW
COP Tj = -7°C	2.80	1.87
Cdh Tj = -7 °C	0.90	0.90
Pdh Tj = $+2^{\circ}$ C	4.83 kW	4.25 kW
COP Tj = +2°C	4.33	3.19
Cdh Tj = +2 °C	0.90	0.90
Pdh Tj = +7°C	3.20 kW	2.80 kW
$COPTj = +7^{\circ}C$	6.20	4.38
Cdh Tj = +7 °C	0.90	0.90
Pdh Tj = 12°C	1.55 kW	1.27 kW
COP Tj = 12°C	7.61	5.04
Cdh Tj = +12 °C	0.90	0.90
Pdh Tj = Tbiv	7.42 kW	6.58 kW
COP Tj = Tbiv	2.80	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.64 kW	5.53 kW

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh WTOL 60 °C 60 °C Poff 9 W 9 W PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 5upplementary Heater: Type of energy input Electricity Electricity Electricity Supplementary Heater: PSUP Annual energy consumption Qhe 1.51			
WTOL 60 °C 60 °C Poff 9 W 9 W PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.51
Poff 9 W 9 W PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
PTO 10 W 10 W PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	WTOL	60 °C	60 °C
PSB 9 W 9 W PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	Poff	9 W	9 W
PCK 0 W 0 W Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	РТО	10 W	10 W
Supplementary Heater: Type of energy input Electricity Electricity Supplementary Heater: PSUP 1.80 kW 1.80 kW	PSB	9 W	9 W
Supplementary Heater: PSUP 1.80 kW 1.80 kW	PCK	0 W	0 W
	Supplementary Heater: Type of energy input	Electricity	Electricity
Annual energy consumption Qhe 3844 kWh 4770 kWh	Supplementary Heater: PSUP	1.80 kW	1.80 kW
	Annual energy consumption Qhe	3844 kWh	4770 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	67 dB(A)	67 dB(A)