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#### <u>Login</u>

Summary of	Assure Mono 5 7 9	Reg. No.	ICIM-PDC-000083-00
Certificate Holder	Certificate Holder		
Name	BAXI Potterton Myson		
Address	Unit F 5&6, Calmount Park, Ballymount	Unit F 5&6, Calmount Park, Ballymount Zip Dublin 12	
City	Dublin	Country	Ireland
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		

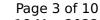
## Heating

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
$\eta_{s}$	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**

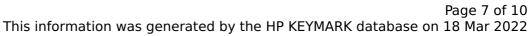
#### EN 14825





	Low temperature	Medium temperature
$\eta_{s}$	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	

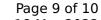
## Heating

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**

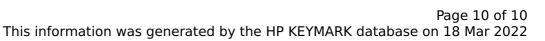
#### EN 14825





	Low temperature	Medium temperature
$\eta_{S}$	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)