

Subtype HP60 - 4/6 ; Assure HP55 - 4/6

Certificate Holder	BAXI Heating UK Limited
Address	Brooks House, Coventry Road
ZIP	CV34 4LL
City	Warwick
Country	GB
Certification Body	ICIM S.p.A.
Subtype title	HP60 - 4/6 ; Assure HP55 - 4/6
Registration number	ICIM-PDC-000326
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.7 kg
Certification Date	05.05.2025
Testing basis	V12

Model HP60-4-1-PHMB ; Assure HP55-4-1-PHMB

Model name	HP60-4-1-PHMB ; Assure HP55-4-1-PHMB
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water**EN 14511-4 | Heating**

Shutting off the heat transfer medium flow passed

Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.4 kW	4.4 kW
El input	0.85 kW	1.36 kW
COP	5.17	3.24

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	48 dB(A)	48 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	210.4 %	156.7 %
Prated	5.3 kW	4.9 kW
SCOP	5.34	3.99
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.64 kW	4.42 kW
COP Tj = -7°C	3.4	2.59
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	2.89 kW	2.72 kW
COP Tj = +2°C	5.29	3.94
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	2.73 kW	2.55 kW

COP Tj = +7°C	6.74	4.94
Cdh Tj = +7 °C	0.98	1
Pdh Tj = 12°C	3.14 kW	3.01 kW
COP Tj = 12°C	8.54	6.44
Cdh Tj = +12 °C	0.97	0.98
Pdh Tj = Tbiv	4.64 kW	4.42 kW
COP Tj = Tbiv	3.4	2.59
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.3 kW	4.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.01	2.27
WTOL	75 °C	75 °C
Poff	8.7 W	8.7 W
PTO	10 W	10 W
PSB	8.7 W	8.7 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0.1 kW
Annual energy consumption Qhe	2052 kWh	2535 kWh

Model HP60-6-1-PHMB ; Assure HP55-6-1-PHMB

Model name	HP60-6-1-PHMB ; Assure HP55-6-1-PHMB
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water**EN 14511-4 | Heating**

Shutting off the heat transfer medium flow passed

Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	6.26 kW	6.1 kW
El input	1.28 kW	1.91 kW
COP	4.89	3.2

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	48 dB(A)	48 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	205.8 %	152.9 %
Prated	6.4 kW	6.1 kW
SCOP	5.22	3.9
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.63 kW	5.4 kW
COP Tj = -7°C	3.04	2.4
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	3.7 kW	3.13 kW
COP Tj = +2°C	5.2	3.79
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	2.74 kW	2.58 kW

COP Tj = +7°C	6.95	5.15
Cdh Tj = +7 °C	0.98	1
Pdh Tj = 12°C	3.14 kW	3.02 kW
COP Tj = 12°C	8.64	6.53
Cdh Tj = +12 °C	0.97	0.98
Pdh Tj = Tbiv	5.63 kW	5.4 kW
COP Tj = Tbiv	3.04	2.4
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.76 kW	5.37 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3	2.25
WTOL	75 °C	75 °C
Poff	8.7 W	8.7 W
PTO	10 W	10 W
PSB	8.7 W	8.7 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.64 kW	0.73 kW
Annual energy consumption Qhe	2533 kWh	3233 kWh