

Subtype HP60 - 8 ; Assure HP55 - 8

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 - 8 ; Assure HP55 - 8
Registration number	ICIM-PDC-000327
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.1 kg
Certification Date	05.05.2025
Testing basis	V12

Model HP60-8-1-PHMB ; Assure HP55-8-1-PHMB

Model name	HP60-8-1-PHMB ; Assure HP55-8-1-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	8.5 kW	8 kW
El input	1.71 kW	2.52 kW
COP	4.98	3.18

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	49 dB(A)	49 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	205.1 %	152.7 %
Prated	8 kW	7.8 kW
SCOP	5.2	3.89
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.39 kW	6.95 kW
COP Tj = -7°C	3.11	2.36
Cdh Tj = -7 °C	1	1
Pdh Tj = +2°C	4.27 kW	4.09 kW
COP Tj = +2°C	5.12	3.83
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.66 kW	3.47 kW

COP Tj = +7°C	6.85	5.05
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	4.33 kW	4.03 kW
COP Tj = 12°C	8.9	6.41
Cdh Tj = +12 °C	0.98	0.99
Pdh Tj = Tbiv	7.39 kW	6.95 kW
COP Tj = Tbiv	3.11	2.36
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8 kW	7.71 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	2.02
WTOL	75 °C	75 °C
Poff	8.9 W	8.9 W
PTO	9 W	9 W
PSB	8.9 W	8.9 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0.09 kW
Annual energy consumption Qhe	3176 kWh	4140 kWh