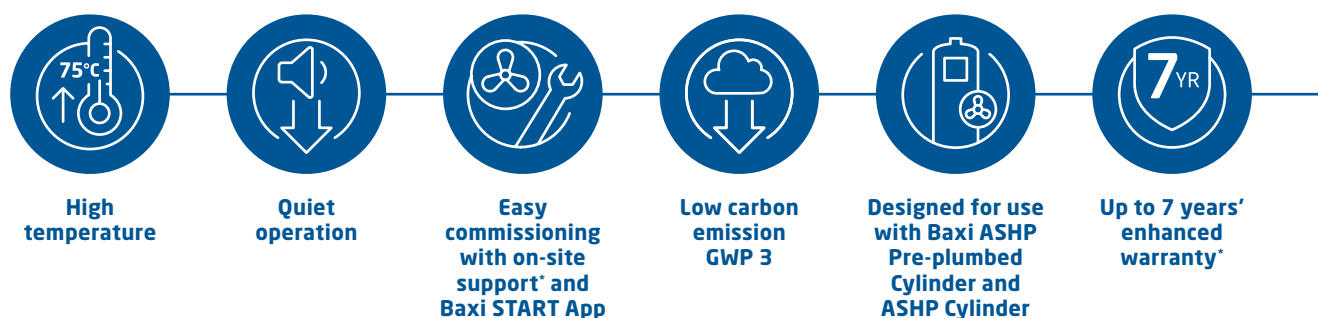


# HP60-6-1-PHMB and Assure HP55-6-1-PHMB

## Air Source Heat Pump

Our Baxi HP60 and Assure HP55 Air Source Heat Pumps deliver outstanding energy performance at both high and medium temperature. Extremely quiet with excellent SCOP ratings, it is the perfect solution for retrofit applications.



| Feature                                                     | Benefit                                                                                                                                                              |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wide range of outputs (4-13kW)                              | Suitable for a variety of property sizes – perfect for everything from small homes to larger dwellings.                                                              |
| High SCOP at both 35°C and 55°C                             | Delivers excellent energy efficiency even at higher flow temperatures – perfect for retrofit installations.                                                          |
| Maximum flow temperature of 75°C                            | Compatible with existing radiator systems – minimising disruption and installation costs.                                                                            |
| Low GWP R290 refrigerant                                    | Reduced carbon emissions with a GWP 3.                                                                                                                               |
| Quiet operation                                             | Extremely quiet, providing homeowners with a comfortable living environment within residential areas.                                                                |
| Magnetic filter included as standard                        | Protects the system from debris – enhancing reliability and extending lifespan of the heating system.                                                                |
| Designed to work with our Baxi ASHP Pre-Plumbed Cylinder    | Simplifies installation, speeds up commissioning enabling system optimisation for maximum efficiency.                                                                |
| Easy commissioning with on-site support* and Baxi START App | On-site commissioning support and access to the Baxi START App commissioning wizard to ensure optimum performance, efficiency and energy savings for your customers. |
| Up to 7 years' enhanced warranty*                           | Provides extra peace of mind – backed by Baxi's nationwide network of engineers.                                                                                     |

\* T&Cs apply

## PERFORMANCE

|                              |         |
|------------------------------|---------|
| Min/Max Operating Range (°C) | -25/+35 |
| SCOP 35°C                    | 5.22    |
| SCOP 45°C                    | 4.35    |
| SCOP 55°C                    | 3.90    |

### 35°C Flow

#### Maximum Output<sup>(1)</sup>

|              |         |
|--------------|---------|
| A-5°C W+35°C | 6.63 kW |
| A0°C W+35°C  | 7.22 kW |
| A+7°C W+35°C | 7.70 kW |

#### Nominal Output<sup>(2)</sup>

|              |         |
|--------------|---------|
| A-5°C W+35°C | 5.98 kW |
| A0°C W+35°C  | 5.91 kW |
| A+7°C W+35°C | 6.26 kW |

### 45°C Flow

#### Maximum Output<sup>(1)</sup>

|              |         |
|--------------|---------|
| A-5°C W+45°C | 6.33 kW |
| A0°C W+45°C  | 6.88 kW |
| A+7°C W+45°C | 7.35 kW |

#### Nominal Output<sup>(2)</sup>

|              |         |
|--------------|---------|
| A-5°C W+45°C | 5.71 kW |
| A0°C W+45°C  | 6.03 kW |
| A+7°C W+45°C | 6.30 kW |

### 55°C Flow

#### Maximum Output<sup>(1)</sup>

|              |         |
|--------------|---------|
| A-5°C W+55°C | 5.79 kW |
| A0°C W+55°C  | 6.57 kW |
| A+7°C W+55°C | 6.97 kW |

#### Nominal Output<sup>(2)</sup>

|              |         |
|--------------|---------|
| A-5°C W+55°C | 5.44 kW |
| A0°C W+55°C  | 5.50 kW |
| A+7°C W+55°C | 6.10 kW |

|                          |            |
|--------------------------|------------|
| Sound Pressure Level @1m | 40.0 dB(A) |
| Sound Power Level (ErP)  | 48.0 dB(A) |

For more information on Baxi ASHPs visit [baxi.co.uk](http://baxi.co.uk)

Baxi may introduce modifications to their products from time to time. Consequently the details given in this data sheet are subject to alteration without notice.

<sup>(1)</sup> Output values tested at maximum compressor frequency.

<sup>(2)</sup> Nominal output values under test conditions EN14825:2013.

Selections and sizing offered by Baxi utilise nominal values unless otherwise stated.

## ELECTRICAL DETAILS

|              |                    |
|--------------|--------------------|
| Power Supply | 220V-240V/1Ph/50Hz |
| MCA          | 13.5 A             |
| TOCA         | 15 A               |
| MFA          | 16 A               |

## HYDRONIC DETAILS

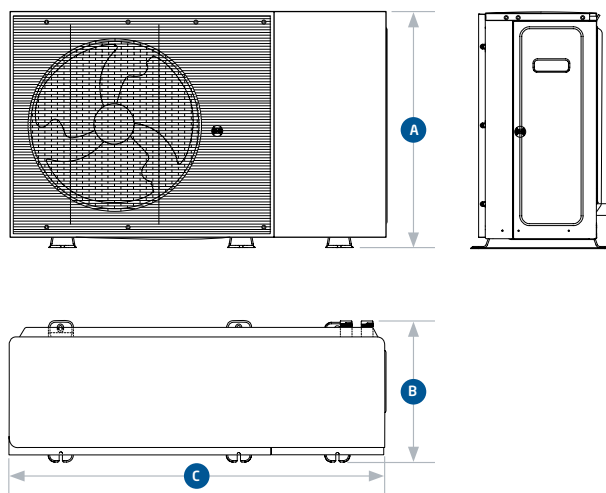
|                               |         |
|-------------------------------|---------|
| Flow/Return Connections       | G 1"    |
| Internal Expansion Vessel     | 8 L     |
| Pre-Pressure                  | 1.5 Bar |
| Maximum Water Pressure        | 3 Bar   |
| Minimum System Volume at 55°C | 26 L    |

## REFRIGERANT CIRCUIT DETAILS

|                 |                    |
|-----------------|--------------------|
| Refrigerant     | R290               |
| Volume          | 0.7 kg             |
| Compressor Type | Twin rotary / GMCC |

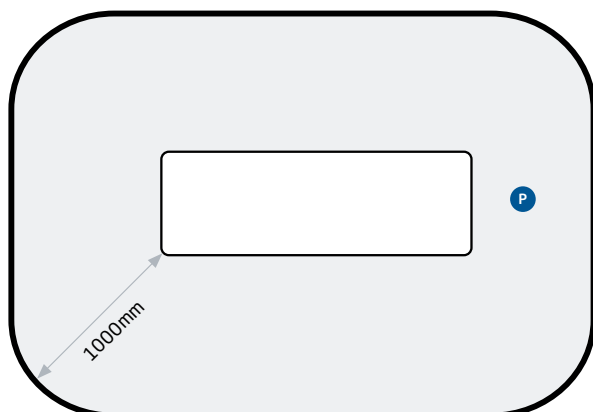
## DIMENSIONS

|                              |         |
|------------------------------|---------|
| <b>A</b> Height              | 725 mm  |
| <b>B</b> Depth               | 426 mm  |
| <b>C</b> Width               | 1301 mm |
| Net Weight                   | 94 kg   |
| Weight with Packaging Weight | 114 kg  |



## CLEARANCES

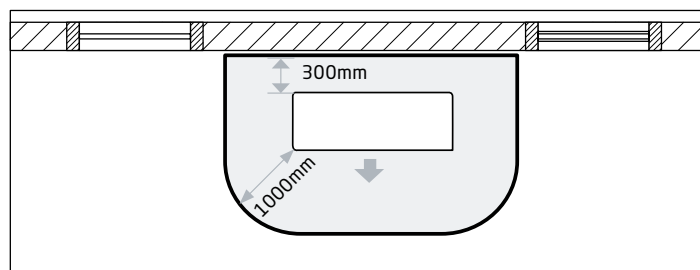
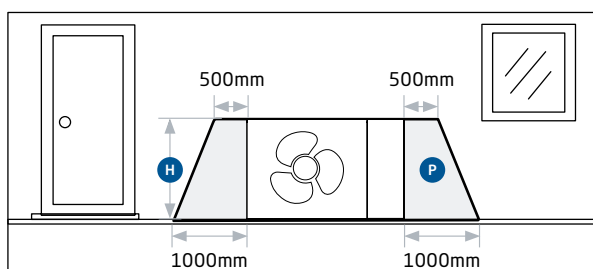
Ground-mounted, on a plot or on a flat roof



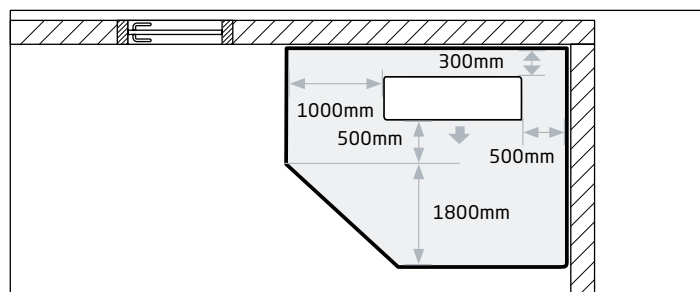
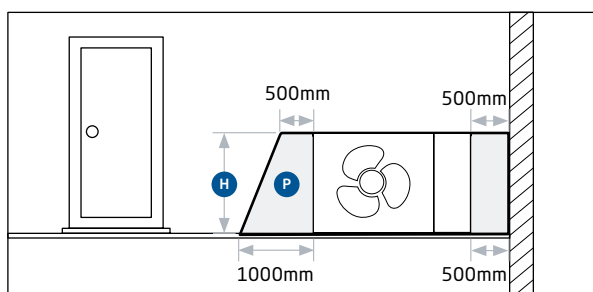
**P** Protective perimeter

**H** Height of the protection perimeter: greater than or equal to the height of the outdoor unit in relation to the ground

Siting the outdoor unit in front of an external wall



Installing the outdoor unit in a corner



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BDR Thermea Ireland Limited trading as Baxi. Registered in Ireland as a private company limited by shares under company number 26092. Registered office at Unit F 5&6, Calmount Park, Calmount Road, Ballymount, Dublin 12, Ireland. VAT registered number: IE 9Y33766S Directors: Jason Baldock (UK) Chris Robottom (UK)

Information is correct as at time of publication

Baxi HP60-6-1-PHMB and Assure HP55-6-1-PHMB Data Sheet October 2025

**BAXI**