

HP40/50-8-1PHMB

Heat Pump air/water 'inverter'

Dimensions

| | |
|-----------------------|---------|
| Height | 850 mm |
| Depth | 448 mm |
| Width | 1388 mm |
| Weight Net | 105 kg |
| Weight with Packaging | 132 kg |

Performance

| | |
|------------------------------|---------|
| Min/Max Operating Range (°C) | -25/+35 |
| SCOP 35°C | 5.03 |
| SCOP 45°C | 4.19 |
| SCOP 55°C | 3.37 |

35°C Flow

Maximum Output ⁽¹⁾

| | |
|--------------|----------|
| A-5°C W+35°C | 8.80 kW |
| A0°C W+35°C | 9.56 kW |
| A+7°C W+35°C | 10.30 kW |

Nominal Output ⁽²⁾

| | |
|--------------|----------|
| A-5°C W+35°C | 7.66 kW |
| A0°C W+35°C | 8.63 kW |
| A+7°C W+35°C | 10.00 kW |

45°C Flow

Maximum Output ⁽¹⁾

| | |
|--------------|----------|
| A-5°C W+45°C | 8.18 kW |
| A0°C W+45°C | 8.89 kW |
| A+7°C W+45°C | 10.30 kW |

Nominal Output ⁽²⁾

| | |
|--------------|----------|
| A-5°C W+45°C | 7.13 kW |
| A0°C W+45°C | 7.87 kW |
| A+7°C W+45°C | 10.00 kW |

55°C Flow

Maximum Output ⁽¹⁾

| | |
|--------------|---------|
| A-5°C W+55°C | 7.53 kW |
| A0°C W+55°C | 8.18 kW |
| A+7°C W+55°C | 9.72 kW |

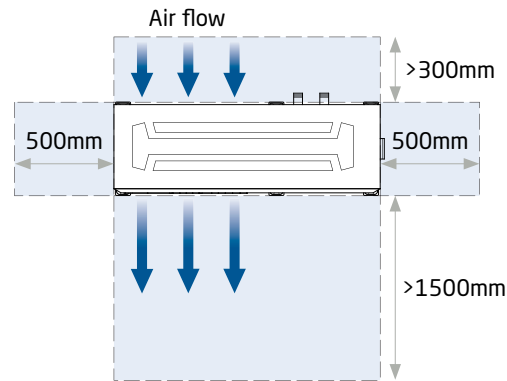
Nominal Output ⁽²⁾

| | |
|--------------|---------|
| A-5°C W+55°C | 6.49 kW |
| A0°C W+55°C | 7.30 kW |
| A+7°C W+55°C | 9.50 kW |

| | |
|-------------------------------|------------|
| Sound Pressure Level @1m | 50.5 dB(A) |
| Sound Power Level (EN12102-1) | 60.0 dB(A) |



Clearances



Electrical Details

| | |
|--------------|--------------------|
| Power Supply | 220V-240V/1Ph/50Hz |
| MCA | 17 A |
| TOCA | 19 A |
| MFA | 25 A |

Hydronic Details

| | |
|---------------------------|---------|
| Flow/Return Connections | G 1 ¼" |
| Internal Expansion Vessel | 8 L |
| Pre-Pressure | 1.5 Bar |
| Maximum Water Pressure | 3 Bar |
| Minimum System Volume | 25 L |

Refrigerant Circuit Details

| | |
|-----------------|-------------|
| Refrigerant | R32 |
| Volume | 1.4 kg |
| Compressor Type | Twin Rotary |

For more information on Baxi ASHPs visit 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.

(1) Output values tested at maximum compressor frequency

(2) Nominal output values under test conditions EN14825:2013

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