

# 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	
<b>Maximum Output<sup>(1)</sup></b>	
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
<b>Nominal Output<sup>(2)</sup></b>	
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

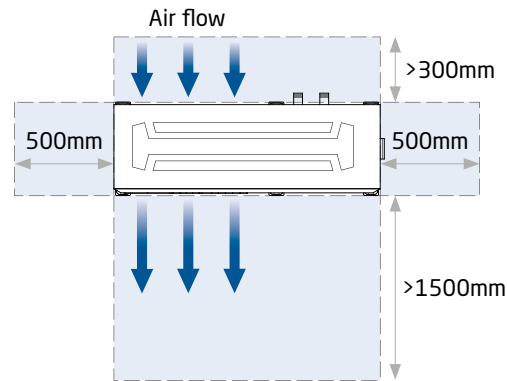
45°C Flow	
<b>Maximum Output<sup>(1)</sup></b>	
A-5°C W+45°C	8.18 kW
A0°C W+45°C	8.89 kW
A+7°C W+45°C	10.30 kW
<b>Nominal Output<sup>(2)</sup></b>	
A-5°C W+45°C	7.13 kW
A0°C W+45°C	7.87 kW
A+7°C W+45°C	10.00 kW

55°C Flow	
<b>Maximum Output<sup>(1)</sup></b>	
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
<b>Nominal Output<sup>(2)</sup></b>	
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](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.

(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.**