

# Baxi Auriga HP 33T

## 7832031

# BAXI

Further information can be found at [baxi.co.uk/auriga](http://baxi.co.uk/auriga)

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Performance	33kW
Heating capacity at A7/W35	33.4 kW
Power input at A7/W35	7.59
COP at A7/W35**	4.4
Heating capacity at A-10/W35	17.98 kW
Power input at A-10/W35**	6.56
COP at A-10/W35	2.74
SCOP at Water 35	4.83
SCOP at Water 55	3.58
Seasonal efficiency at Water 35	190%
Seasonal efficiency at Water 55	140%

ERP Data	
Energy label rating at Water 55	A+++
Sound power rating at A7/W55	65 dB(A)

Refrigerant	
Refrigerant type	R32
Refrigerant weight	5.6 kg
Refrigerant GWP	675
Equivalent CO <sub>2</sub>	3.78 Tn

Hydraulics	
Nominal volume flow rate	1.61 l/s
Minimum volume flow rate	0.97 l/s
Water Temperature min/max	+25/+60° C
Available Water Pressure	5.5 mca
Max operating pressure	6 bar
Min operating pressure	0.5 bar
Max supply temperature	60° C
Flow connection size	1 1/2 Inch
Return connection size	1 1/2 Inch
Circulation pump integrated	Yes
Pressure relief valve integrated	Yes
Expansion vessel integrated	No

Source Data	33kW
Operating limits, source [air]	-20 to +40° C
Nominal volume flow rate, source	10300 m <sup>3</sup> /h

Electrical	
Protection class	IP 24

Power Source	
Power supply compressor	3 Phase + Neutral
	50 Hz
Nominal voltage compressor	400 V
Nominal voltage fans	400 V
Number of compressors	1 x Scroll Inverter
Number of fans	2 x DC Inverter
Starting current	8.1 A
Minimum Cable Size****	10mm <sup>2</sup>
Max operating current FLC	40 A
Circuit Protection Type	40 A Type C

General	
Nominal Sound power level LwA*	66 dB(A)
Nominal Sound pressure LpA @5m	43 dB(A)
Unit dimensions (mm)	1581 Height
	1882 Width
	720 Depth
Unit weight dry	361 kg
Service clearances (mm)	1500 Front
	600 Rear
	800 Left Side
	800 Right Side

\* In accordance with EN 9614-2 under condition A7/W55. \*\* Calculated from Line to Line voltage of 400v and a Power Factor of 0.85. \*\*\* Ensure a flexible pipe is utilized for the flow and return connections to prevent vibration transmission. A water filter must be installed on the return line to the appliance. \*\*\*\* The wiring installation must comply with BS 7671, cable size may need to be increased depending on length of cable, cable type and any other installation factors that need to be taken into account. © Ours is a policy of continuous development, we therefore reserve the right to alter specification without prior notification. Baxi accept no liability for any loss or damage arising from any errors or omissions that may be inadvertently contained in this specification sheet.

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Commercial heating  
and hot water solutions