

Auriga HP 20T - 7832028

Auriga HP 20TX - (Coastal Protection) - 7854470

BAXI

Further information can be found at baxi.co.uk/auriga

Date: 19/03/25

| Performance | 20 kW |
|---------------------------------|----------|
| Heating capacity at A7/W35 | 21.2 kW |
| Power input at A7/W35** | 4.84 |
| COP at A7/W35 | 4.38 |
| Heating capacity at A-10/W35 | 13.06 kW |
| Power input at A-10/W35** | 4.41 |
| COP at A-10/W35 | 2.96 |
| SCOP at Water 35 | 4.42 |
| SCOP at Water 55 | 3.31 |
| Seasonal efficiency at Water 35 | 174% |
| Seasonal efficiency at Water 55 | 129% |

| ERP Data | |
|---------------------------------|----------|
| Energy label rating at Water 35 | A++ |
| Sound power rating at A7/W35 | 65 dB(A) |

| Refrigerant | |
|----------------------------|---------|
| Refrigerant type | R32 |
| Refrigerant weight | 4.8 kg |
| Refrigerant GWP | 675 |
| Equivalent CO ₂ | 3.24 Tn |

| Hydraulics | |
|----------------------------------|------------|
| Nominal volume flow rate | 1.02 l/s |
| Minimum volume flow rate | 0.68 l/s |
| Water temperature min/max | +25/+60 °C |
| Available water pressure | 6.2 mwc |
| Max operating pressure | 6 bar |
| Min operating pressure | 0.5 bar |
| Max supply temperature | 60 °C |
| Flow connection size*** | 1 1/4 Inch |
| Return connection size*** | 1 1/4 Inch |
| Circulation pump integrated | Yes |
| Pressure relief valve integrated | Yes |
| Expansion vessel integrated | No |

| Source Data | 20 kW |
|----------------------------------|------------------------|
| Operating limits, source [air] | -20 to +40 °C |
| Nominal volume flow rate, source | 7400 m ³ /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 | 6.5A |
| Minimum Cable Size**** | 6mm ² |
| Max operating current FLC | 30 A |
| Circuit Protection Type | 32 A Type C |

| General | |
|--------------------------------|----------------|
| Nominal Sound power level LwA* | 73 dB(A) |
| Nominal Sound pressure LpA @5m | 51 dB(A) |
| Unit dimensions (mm) | 1276 Height |
| | 1612 Width |
| | 669 Depth |
| Unit Weight Net | 271kg |
| 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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