

AUDAX TOP ERP HYDRONIC HEAT PUMP

MANUFACTURED BY:

 **IMMERGAS**

AUDAX TOP ErP heat pumps allow more advanced solutions in any domestic environment delivering both hydronic heating and cooling as well as domestic hot water. The new range of Immergas heat pumps are air to water heat pumps using inverter technology, ideal for stand-alone systems or combined with additional heat sources and equipment delivering hybrid systems.



**5 YEAR*
WARRANTY**



AUDAX TOP ErP

- 3 single-phase versions, 3 three-phase version
- Compatible with DHW storage tank
- Can work in conjunction with additional heat sources
- Equipped with:
 - Electronic thermal expansion valve
 - Modulating fan and compressor
 - Low consumption modulating system pump
 - Gas/Water heat exchanger
 - Expansion vessel
 - Water flow-switch
 - 3 bar safety valve
- Supplied with remote control thermostat (4 wire), Y water filter 1", condensate drain fitting and antivibration supports
- Pre-loaded refrigerant R410A
- Buffer tanks available in 4 sizes: 25 - 200 L

Supplied by:

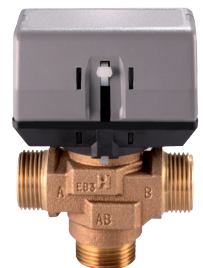


HUNT HEATING
The smart choice.

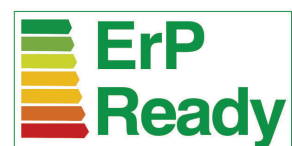
HEAT PUMP THERMOSTAT & CONTROLLER



3 WAY VALVE KIT FOR D.H.W



 **SAI GLOBAL**



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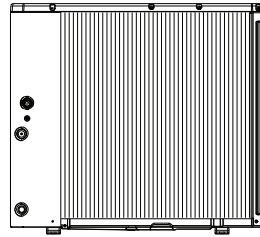
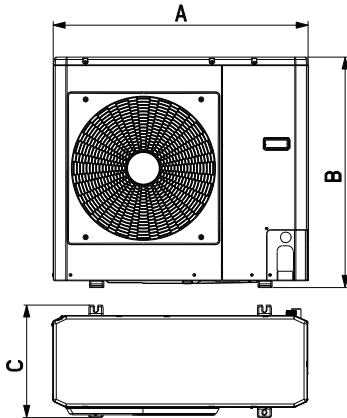
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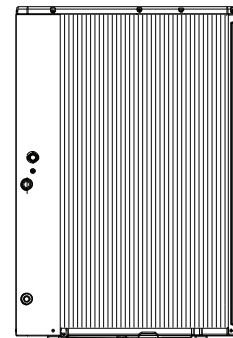
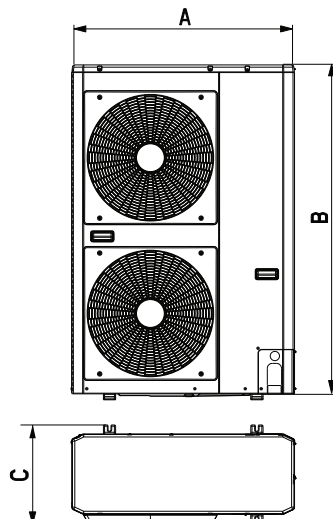
| Technical data | Unit of measurement | AUDAX TOP 6 ErP | AUDAX TOP 8 ErP | AUDAX TOP 12 ErP | AUDAX TOP 16 ErP | AUDAX TOP 18 ErP | AUDAX TOP 21 ErP |
|---|---------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| Code | | 3.025557 | 3.025558 | 3.025560 | 3.025562 | 3.025563 | 3.026940 |
| Heating Output* | kW | 5.76 | 7.16 | 11.86 | 15.00 | 17.14 | 21.10 |
| Coefficient of Performance (heating)* | CoP | 4.28 | 3.97 | 3.95 | 4.20 | 4.10 | 4.10 |
| Cooling Output* | kW | 7.04 | 7.84 | 13.54 | 16.00 | 19.83 | 25.81 |
| Energy Efficiency Ratio (cooling)* | EER | 3.70 | 3.99 | 3.66 | 3.81 | 3.87 | 3.80 |
| Max. noise level | dB | 62 | 64 | 67 | 68 | 71 | 74 |
| Outdoor temperature operating range (heating) | °C | -20 / 30 | -20 / 30 | -20 / 30 | -20 / 30 | -20 / 30 | -20 / 30 |
| Outdoor temperature operating range (cooling) | °C | 5 / 46 | 0 / 46 | 0 / 46 | 0 / 46 | 0 / 46 | 0 / 46 |
| Power supply | | 1 Phase | 1 Phase | 1 Phase | 3 Phase | 3 Phase | 3 Phase |
| Max. power absorbed | kW | 2.0 | 2.7 | 3.85 | 6.5 | 10.8 | 12.4 |
| Max. current absorbed | A | 11.0 | 14.5 | 20.7 | 11.1 | 16.7 | 19.1 |
| Refrigerant Gas | | R410A | R410A | R410A | R410A | R410A | R410A |
| Refrigerant gas volume | kg | 1.35 | 1.81 | 2.45 | 3.385 | 8 | 8 |
| Max. water delivery temperature | °C | 60 | 60 | 60 | 60 | 60 | 57 |
| Water content | l | 1 | 1.2 | 2.5 | 2.5 | 1.52 | 1.9 |
| Expansion vessel volume | l | 2 | 2 | 3 | 3 | 8 | 8 |
| Hydraulic circuit maximum pressure | kPa | 300 | 300 | 300 | 300 | 300 | 300 |
| System flow and return connections | inch | 1 | 1 | 1 | 1 | 1 | 1 |
| Weight | kg | 61 | 69 | 104 | 116 | 191 | 200 |

* Buffer tank dimensions and specifications available upon request



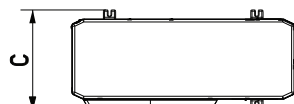
AUDAX TOP 6kW / 8kW

| | |
|----------|--------|
| A | 908 mm |
| B | 821 mm |
| C | 400 mm |



AUDAX TOP 12kW / 16kW

| | |
|----------|---------|
| A | 908 mm |
| B | 1363 mm |
| C | 400 mm |



AUDAX TOP 18kW / 21kW

| | |
|----------|---------|
| A | 1109 mm |
| B | 1549 mm |
| C | 584 mm |



NOTE: Remote control - 4 wire

* Please contact Belmore Air for more information.

+ Measuring conditions: Heating mode - Water inlet temp 30°C/35°C, outdoor air temp 7°C db/6°C wb. Performance in compliance with EN 14511.

Cooling mode - Water inlet temp 23°C/18°C, outdoor air temp 35°C. Performance in compliance with EN 14511.