

BAXI

Baxi Auriga HP

Mid-Temperature
Commercial Air To
Water Heat Pump

Specification overview



BAXI

CR remeha

megaflö

ANDREWS
WATER HEATERS

HEATRAESADIA

MAIN
HEATING

Residential and commercial
heating and hot water solutions

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Note: content provided in this document is correct as of publication, subject to change without notice. Please refer to the Installation, Operation and Maintenance Manual which can be found at baxi.co.uk

In the interests of the quality of our products, we strive constantly to improve them. We therefore reserve the right to modify the specifications and details provided within this document.

Explore the range

Introducing the Baxi Auriga HP Mid-Temperature Air to Water Heat Pump, perfect for commercial applications in both fully-electric and hybrid heating systems.

Built from over 30 years' experience in commercial air source heat pumps and low carbon heating systems across Europe, Baxi's Auriga HP ASHP is a monobloc design, self-contained heat generator, extracting renewable heat from the atmosphere and amplifying it using R32 refrigerant compression.

Available in four outputs of 20kW, 26kW, 30kW and 40kW, Baxi Auriga HP ASHPs can be used as part of a hybrid or standalone system in both new build and retrofit applications.

Whatever the size or complexity of your project, our dedicated experts are on hand to advise you on the right product accessories to support your installation.



Auriga HP 20T

- Up to 60°C flow temperature
- Operation down to -20°C
- COP at A7/W35 = 4.38
- 21.22kW at A7/W35

Auriga HP 26T

- Up to 58°C flow temperature
- Operation down to -20°C
- COP at A7/W35 = 4.30
- 27.2kW at A7/W35

Auriga HP 33T

- Up to 60°C flow temperature
- Operation down to -20°C
- COP at A7/W35 = 4.4
- 33.4kW at A7/W35

Auriga HP 40T

- Up to 60°C flow temperature
- Operation down to -20°C
- COP at A7/W35 = 4.30
- 40.2kW at A7/W35

A total solution

We've unified our diverse portfolio of product brands, from Remeha to Heatrae Sadia to Baxi Packaged Solutions, creating one seamless integrated suite of heating and hot water solutions from names you can trust.

We understand that every building project is different, and one size never fits all. That's why we tailor our solutions for every type of building; from new and refurbished buildings, to hotels and leisure facilities, education and healthcare, and so much more.

Our dedicated experts are on hand to advise you on the right product accessories to support your installation.

We're committed to guiding every customer through the energy transition. Our design team is there from the start, helping developers and specifiers in choosing the right solution for the application. Our technical teams help with everything from installation and commissioning, to servicing and maintenance; all supported by our nationwide network of expert engineers, and excellent parts and labour warranties.

We also design and manufacture prefabricated bespoke rigs or full turnkey-enabled plant rooms via our Baxi Packaged Solutions service – for easy on-site installation that ensures better health and safety, as well as cost savings.

Our customer training supports best practice across the industry, developing all the skills and knowledge needed for a low-carbon future – and our friendly customer support offers expert advice as and when you need it.

Together, we're everything you need in a heating and hot water solution.

Product	Sales code	Baxi Auriga HP 20T	Baxi Auriga HP 26T	Baxi Auriga HP 33T	Baxi Auriga HP 40T
Rubber Shock Absorber 20/26T	7841692	●	●		
Rubber Shock Absorber 33/40T	7848648			●	●
Water Filter 1 ¼"	7841694	●	●		
Water Filter 1 ½"	7841695			●	
Water Filter 2"	7841696				●
Antifreeze Security Valve 1 ¼"	7841697	●	●		
Antifreeze Security Valve 1 ½"	7841698			●	
Antifreeze Security Valve 2"	7841699				●
Refrigerant Detector	7841700	●	●	●	●

Auriga HP 20T - 7832028

Auriga HP/TX 20T (Coastal Protection) - 7854470

Technical specification

Performance	20T	Electrical	20T
Heating capacity at A7/W35	21.22 kW	Protection class	IP24
Power input at A7/W35**	4.84	Power source	
COP at A7/W35	4.38	Power supply compressor	3 Phase + Neutral
Heating capacity at A-10/W35	13.06 kW		50 Hz
Power input at A-10/W35**	4.41	Nominal voltage compressor	400 V
COP at A-10/W35	2.96	Nominal voltage fans	400 V
SCOP at Water 35	4.42	Number of compressors	1 x Scroll Inverter
SCOP at Water 55	3.33	Number of fans	2 x DC Inverter
Seasonal efficiency at Water 35	174%	Starting current	6.5 A
Seasonal efficiency at Water 55	130%	Minimum cable size****	6mm ²
ERP data		Max operating current	30 A
Energy label rating at Water 35	A++	Circuit protection type	32 A Type C
Sound power rating at A7/W35	65 dB(A)	General	
Refrigerant		Nominal sound power level LwA*	73 dB(A)
Refrigerant type	R32	Nominal sound pressure LpA @5m	51 dB(A)
Refrigerant weight	4.8 kg	Unit dimensions (mm)	1,276 Height
Refrigerant GWP	675		1,612 Width
Equivalent CO ₂	3.24 Tn		669 Depth
Hydraulics		Unit weight dry	271 kg
Nominal volume flow rate	1.02 l/s	Service clearances (mm)	1,500 Front
Minimum volume flow rate	0.68 l/s		600 Rear
Water temperature min/max	+25/+60°C		800 Left Side
Available water pressure	6.3 mwc		800 Right Side
Max operating pressure	6 bar		600 Top
Min operating pressure	0.5 bar		
Max supply temperature	+60°C		
Flow connection size***	1¼"		
Return connection size***	1¼"		
Circulation pump integrated	Yes		
Pressure relief valve integrated	Yes		
Expansion vessel integrated	No		
Source data			
Operating limits, source (air)	-20 to +40°C		
Nominal volume flow rate, source	7,400 m ³ /h		

* 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 utilised 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.

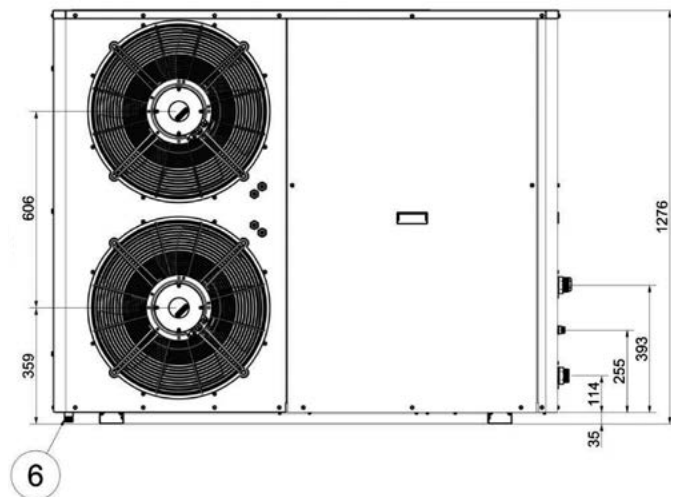
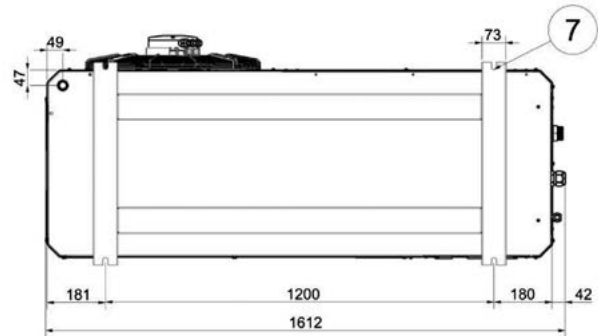
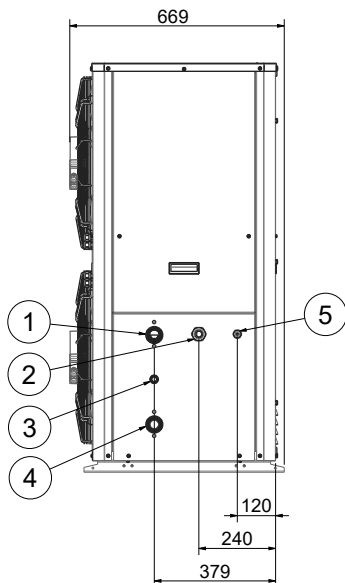
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Auriga HP 20T

Auriga HP/TX 20T

Dimensions

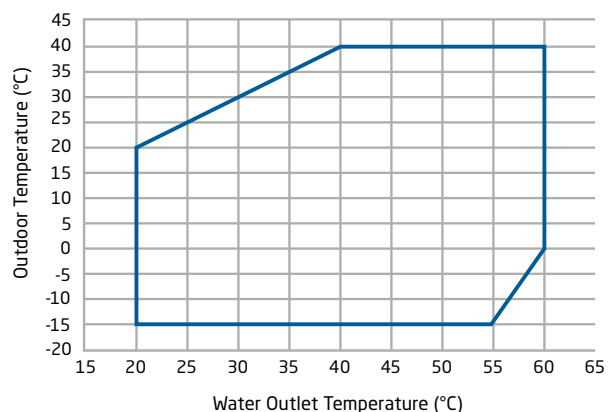
Marker	Description	Dimension
1	BSPP male thread hydraulic connection - water outlet	Ø 1¼"
2	Electrical connection - power supply	-
3	Safety valve drain connection (BSPP male thread)	Ø ½"
4	BSPP male thread hydraulic connection - water inlet	Ø 1¼"
5	Communication connection - control	-
6	Condensate drain connection (BSPP male thread)	Ø ¾"
7	Anti-vibration feet housing†	Ø 16mm



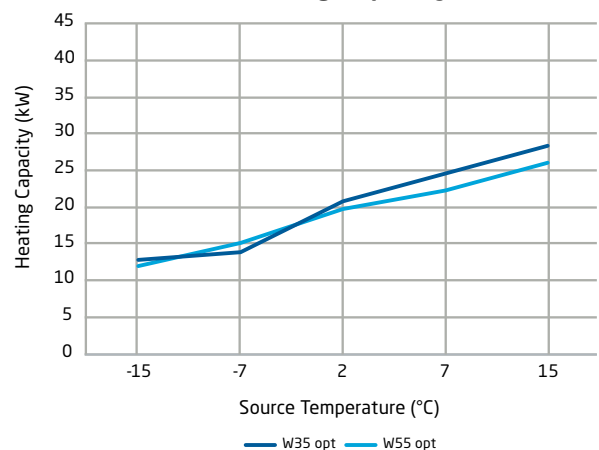
† Support rail is prepared for housing the anti-vibration feet. The given diameter information corresponds to the metal rod of the anti-vibration feet.

Performance

Heating Operation Limits



Heating Capacity



Auriga HP 26T - 7832029

Auriga HP/TX 26T (Coastal Protection) - 7854471

Technical specification

Performance	26T	Electrical	26T
Heating capacity at A7/W35	27.2kW	Protection class	IP24
Power input at A7/W35**	6.33	Power source	
COP at A7/W35	4.3	Power supply compressor	3 Phase + Neutral
Heating capacity at A-10/W35	17.54kW		50 Hz
Power input at A-10/W35**	6.42	Nominal voltage compressor	400 V
COP at A-10/W35	2.73	Nominal voltage fans	400 V
SCOP at Water 35	4.31	Number of compressors	1 x scroll inverter
SCOP at Water 55	3.47	Number of fans	2 x DC inverter
Seasonal efficiency at Water 35	170%	Starting current	7.0 A
Seasonal efficiency at Water 55	136%	Minimum cable size****	6mm ²
ERP data		Max operating current FLC	30 A
Energy label rating at Water 35	A++	Circuit protection type	32 A Type C
Sound power rating at A7/W35	65 dB(A)	General	
Refrigerant		Nominal sound power level LwA*	73 dB(A)
Refrigerant type	R32	Nominal sound pressure LpA @5m	51 dB(A)
Refrigerant weight	4.8 kg	Unit dimensions (mm)	1,276 Height
Refrigerant GWP	675		1,612 Width
Equivalent CO ₂	3.24 Tn		669 Depth
Hydraulics		Unit weight dry	272 kg
Nominal volume flow rate	1.31 l/s	Service clearances (mm)	1,500 Front
Minimum volume flow rate	0.83 l/s		600 Rear
Water temperature min/max	+25/+58°C		800 Left Side
Available water pressure	3.2 mwc		800 Right Side
Max operating pressure	6 bar		600 Top
Min operating pressure	0.5 bar		
Max supply temperature	+58°C		
Flow connection size***	1 ¼ inch		
Return connection size***	1 ¼ inch		
Circulated pump integrated	Yes		
Pressure relief valve integrated	Yes		
Expansion vessel integrated	No		
Source data			
Operating limits, source (air)	-20 to +40°C		
Nominal volume flow rate, source	8,500 m ³ /h		

* 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 utilised 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.

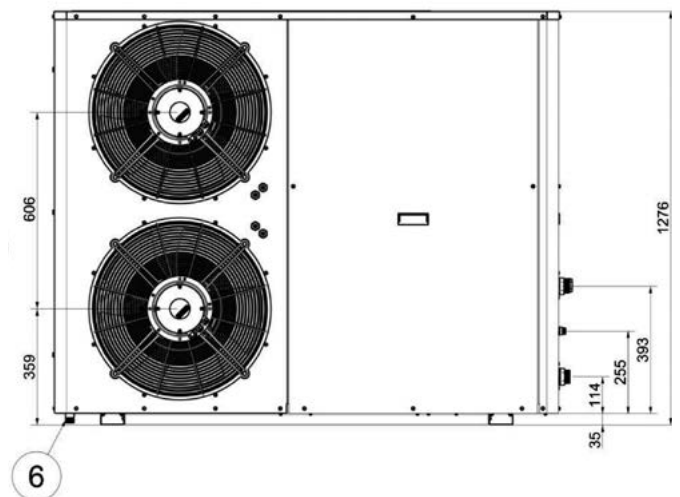
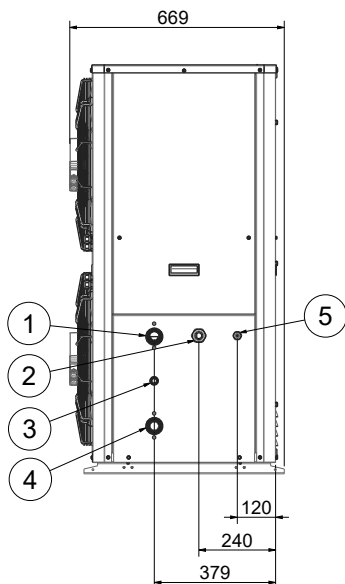
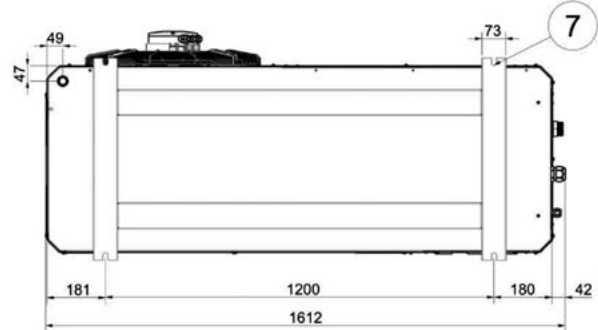
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Auriga HP 26T

Auriga HP/TX 26T

Dimensions

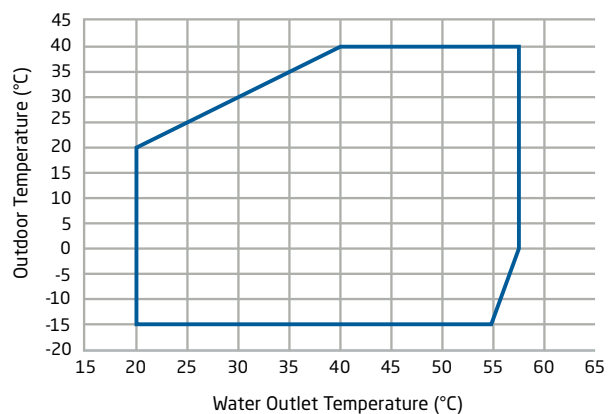
Marker	Description	Dimension
1	BSPP male thread hydraulic connection - water outlet	Ø 1¼"
2	Electrical connection - power supply	-
3	Safety valve drain connection (BSPP male thread)	Ø ½"
4	BSPP male thread hydraulic connection - water inlet	Ø 1¼"
5	Communication connection - control	-
6	Condensate drain connection (BSPP male thread)	Ø ¾"
7	Anti-vibration feet housing†	Ø 16mm



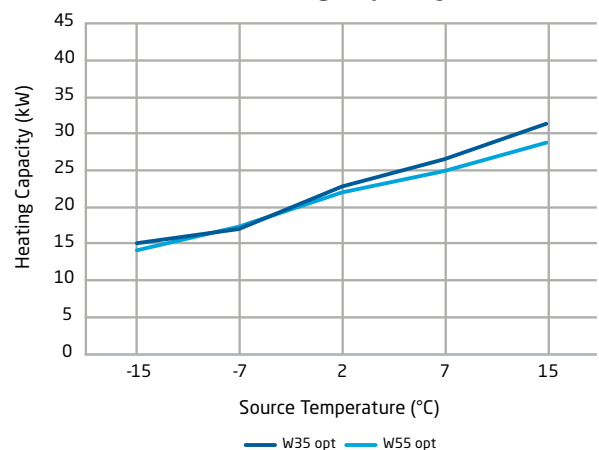
† Support rail is prepared for housing the anti-vibration feet. The given diameter information corresponds to the metal rod of the anti-vibration feet.

Performance

Heating Operation Limits



Heating Capacity



Auriga HP 33T - 7832031

Auriga HP/TX 33T (Coastal Protection) - 7854472

Technical specification

Performance

	33T
Heating capacity at A7/W35	33.4kW
Power input at A7/W35**	7.59
COP at A7/W35	4.4
Heating capacity at A-10/W35	17.98kW
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 35	A+++
Sound power rating at A7/W35	65 dB(A)

Refrigerant

Refrigerant type	R32
Refrigerant weight	5.6kg
Refrigerant GWP	675
Equivalent CO ₂	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 mwc
Max operating pressure	6 bar
Min operating pressure	0.5 bar
Max supply temperature	+60°C
Flow connection size***	1 ½ inch
Return connection size***	1 ½ inch
Circulated pump integrated	Yes
Pressure relief valve integrated	Yes
Expansion vessel integrated	No

Source data

Operating limits, source (air)	-20 to +40°C
Nominal volume flow rate, source	10,300 m³/h

Electrical

	33T
Protection class	IP24
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****	10mm²
Max operating current FLC	40 A
Circuit protection type	40 A Type C

General

Nominal sound power level LwA*	71 dB(A)
Nominal sound pressure LpA @5m	49 dB(A)
Unit dimensions (mm)	1,581 Height
	1,882 Width
	683 Depth
Unit weight dry	361 kg
Service clearances (mm)	1,500 front
	600 rear
	800 left side
	800 right side
	600 top

* 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 utilised 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.

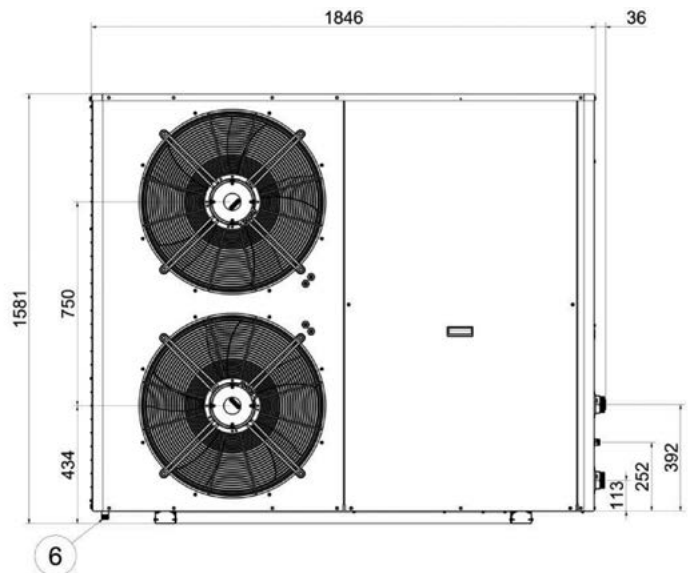
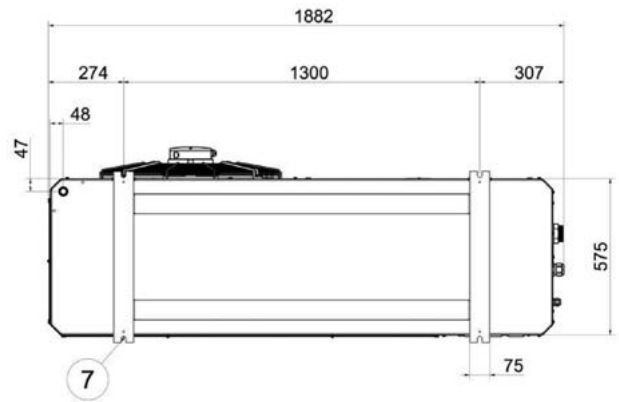
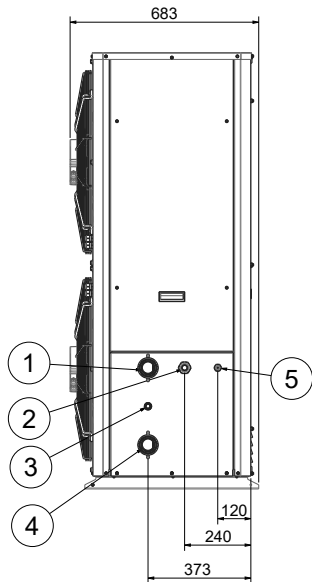
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Auriga HP 33T

Auriga HP/TX 33T

Dimensions

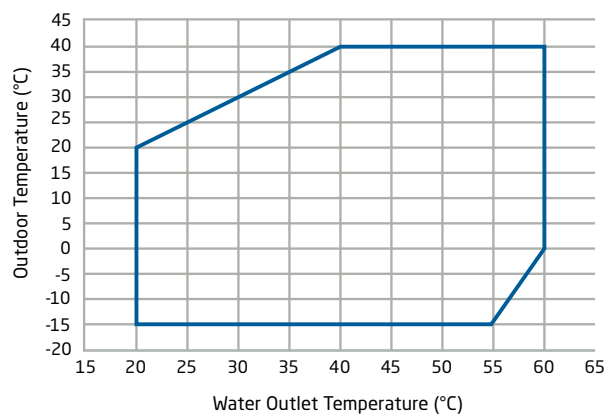
Marker	Description	Dimension
1	BSPP male thread hydraulic connection - water outlet	Ø 1 1/2"
2	Electrical connection - power supply	-
3	Safety valve drain connection (BSPP male thread)	Ø 1/2"
4	BSPP male thread hydraulic connection - water inlet	Ø 1 1/2"
5	Communication connection - control	-
6	Condensate drain connection (BSPP male thread)	Ø 3/4"
7	Anti-vibration feet housing†	Ø 16mm



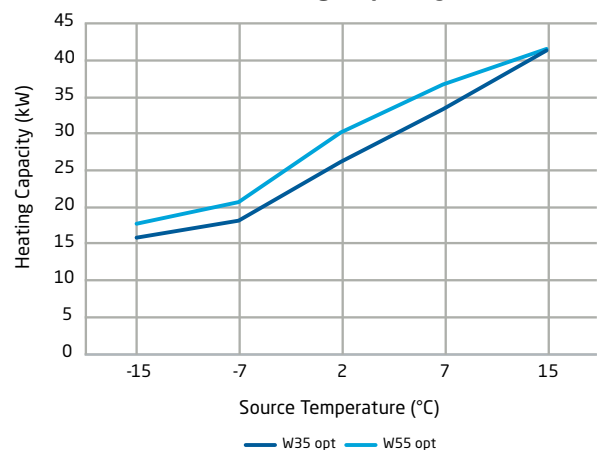
† Support rail is prepared for housing the anti-vibration feet. The given diameter information corresponds to the metal rod of the anti-vibration feet.

Performance

Heating Operation Limits



Heating Capacity



Auriga HP 40T - 7832032

Auriga HP/TX 40T (Coastal Protection) - 7837263

Technical specification

Performance	40T	Electrical	40T
Heating capacity at A7/W35	40.2kW	Protection class	IP24
Power input at A7/W35**	9.35	Power source	
COP at A7/W35	4.3	Power supply compressor	3 Phase + Neutral
Heating capacity at A-10/W35	22.74 kW		50 Hz
Power input at A-10/W35**	8.45	Nominal voltage compressor	400 V
COP at A-10/W35	2.69	Nominal voltage fans	400 V
SCOP at Water 35	4.80	Number of compressors	1 x scroll inverter
SCOP at Water 55	3.61	Number of fans	2 x DC inverter
Seasonal efficiency at Water 35	189%	Starting current	8.4 A
Seasonal efficiency at Water 55	142%	Minimum cable size****	10mm ²
ERP data		Max operating current FLC	45 A
Energy label rating at Water 35	A+++	Circuit protection type	50 A Type C
Sound power rating at A7/W35	65 dB(A)	General	
Refrigerant		Nominal sound power level LwA*	71 dB(A)
Refrigerant type	R32	Nominal sound pressure LpA @5m	49 dB(A)
Refrigerant weight	5.6kg	Unit dimensions (mm)	1,581 Height
Refrigerant GWP	675		1,882 Width
Equivalent CO ₂	3.78 Tn		683 Depth
Hydraulics		Unit dry weight	363 kg
Nominal volume flow rate	1.94 l/s	Service clearances (mm)	1,500 front
Minimum volume flow rate	1.17 l/s		600 rear
Water temperature min/max	+25/+60°C		800 left side
Available water pressure	2.8 mwc		800 right side
Max operating pressure	6 bar		600 top
Min operating pressure	0.5 bar		
Max supply temperature	+60°C		
Flow connection size***	2 inch		
Return connection size***	2 inch		
Circulated pump integrated	Yes		
Pressure relief valve integrated	Yes		
Expansion vessel integrated	No		
Source data			
Operating limits, source (air)	-20 to +40°C		
Nominal volume flow rate, source	11,200 m ³ /h		

* 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 utilised 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.

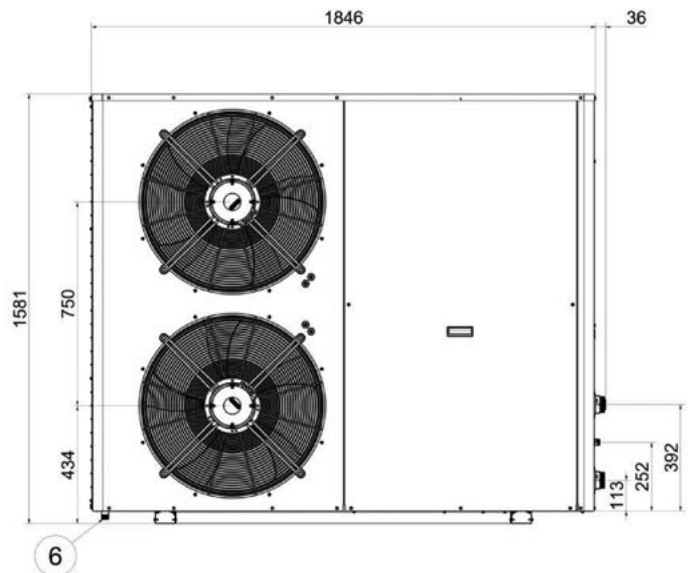
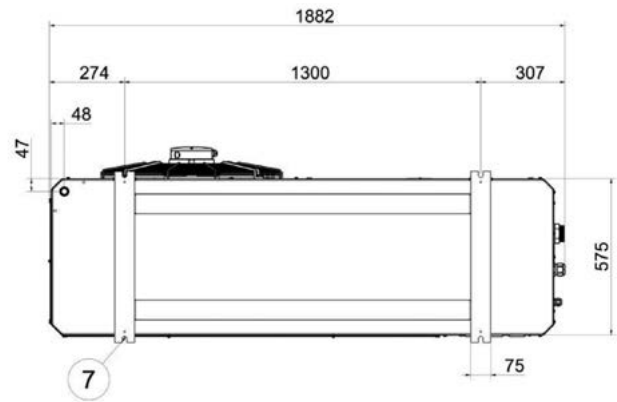
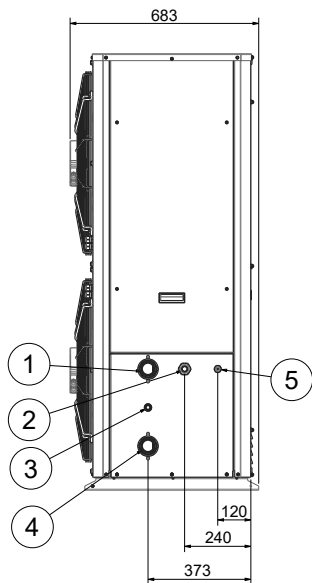
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Auriga HP 40T

Auriga HP/TX 40T

Dimensions

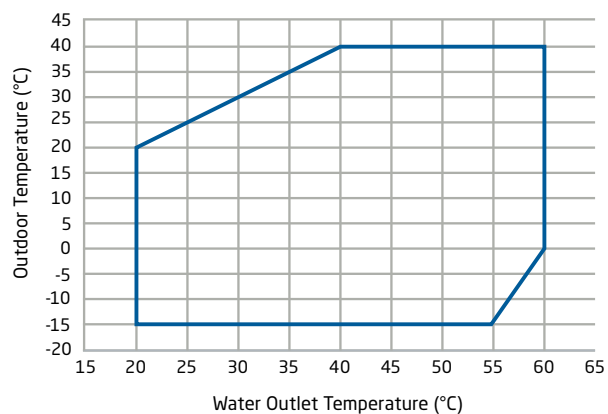
Marker	Description	Dimension
1	BSPP male thread hydraulic connection - water outlet	Ø 2"
2	Electrical connection - power supply	-
3	Safety valve drain connection (BSPP male thread)	Ø ½"
4	BSPP male thread hydraulic connection - water inlet	Ø 2"
5	Communication connection - control	-
6	Condensate drain connection (BSPP male thread)	Ø ¾"
7	Anti-vibration feet housing†	Ø 16mm



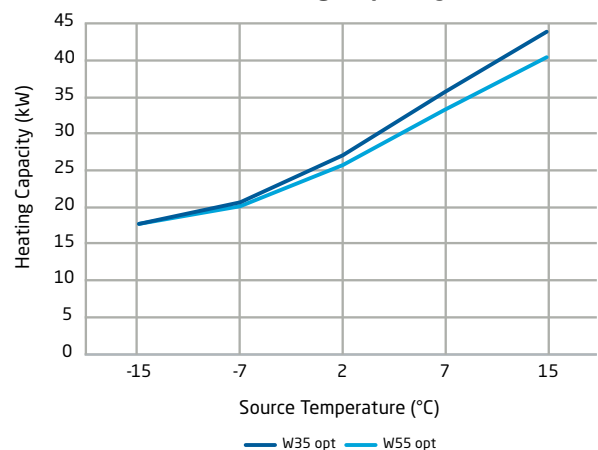
† Support rail is prepared for housing the anti-vibration feet. The given diameter information corresponds to the metal rod of the anti-vibration feet.

Performance

Heating Operation Limits



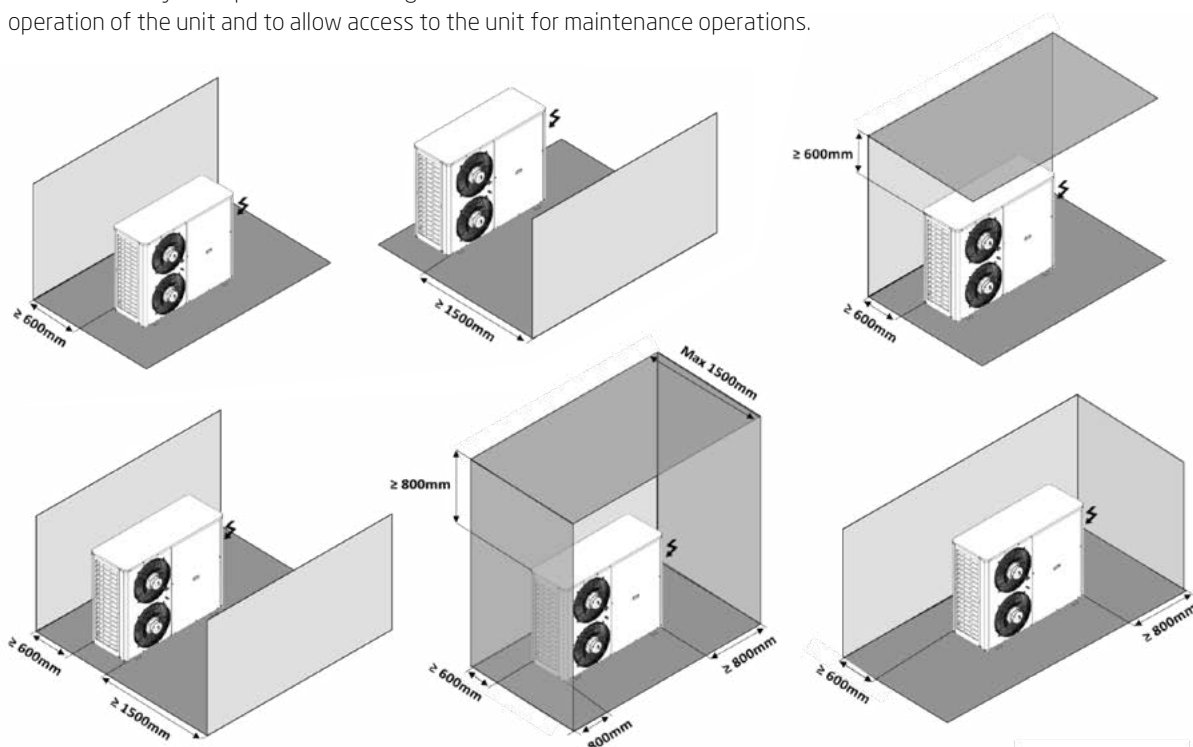
Heating Capacity



Baxi Auriga 20-40T

Spatial requirements - outdoors

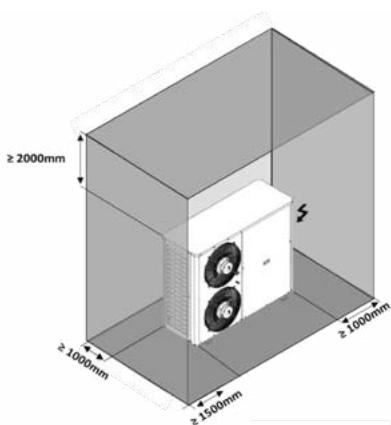
Make sure that you respect the following minimum distances to ensure the correct operation of the unit and to allow access to the unit for maintenance operations.



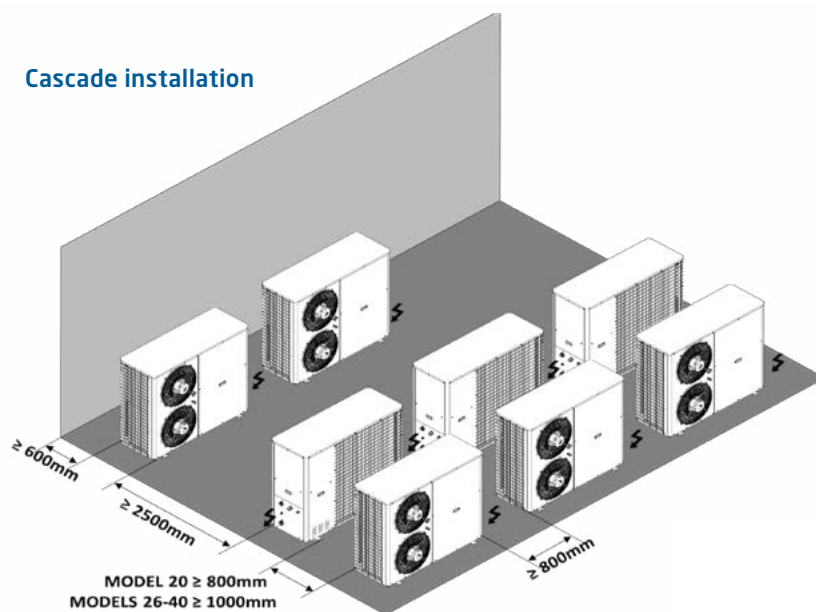
Spatial requirements - indoors

Install a conduct at the outlet of the fans to transport the exhaust air outside the room.

In case of installation of the unit with the suction/return part facing a window, provide the window with a grill to prevent any foreign object/animal from entering the room.

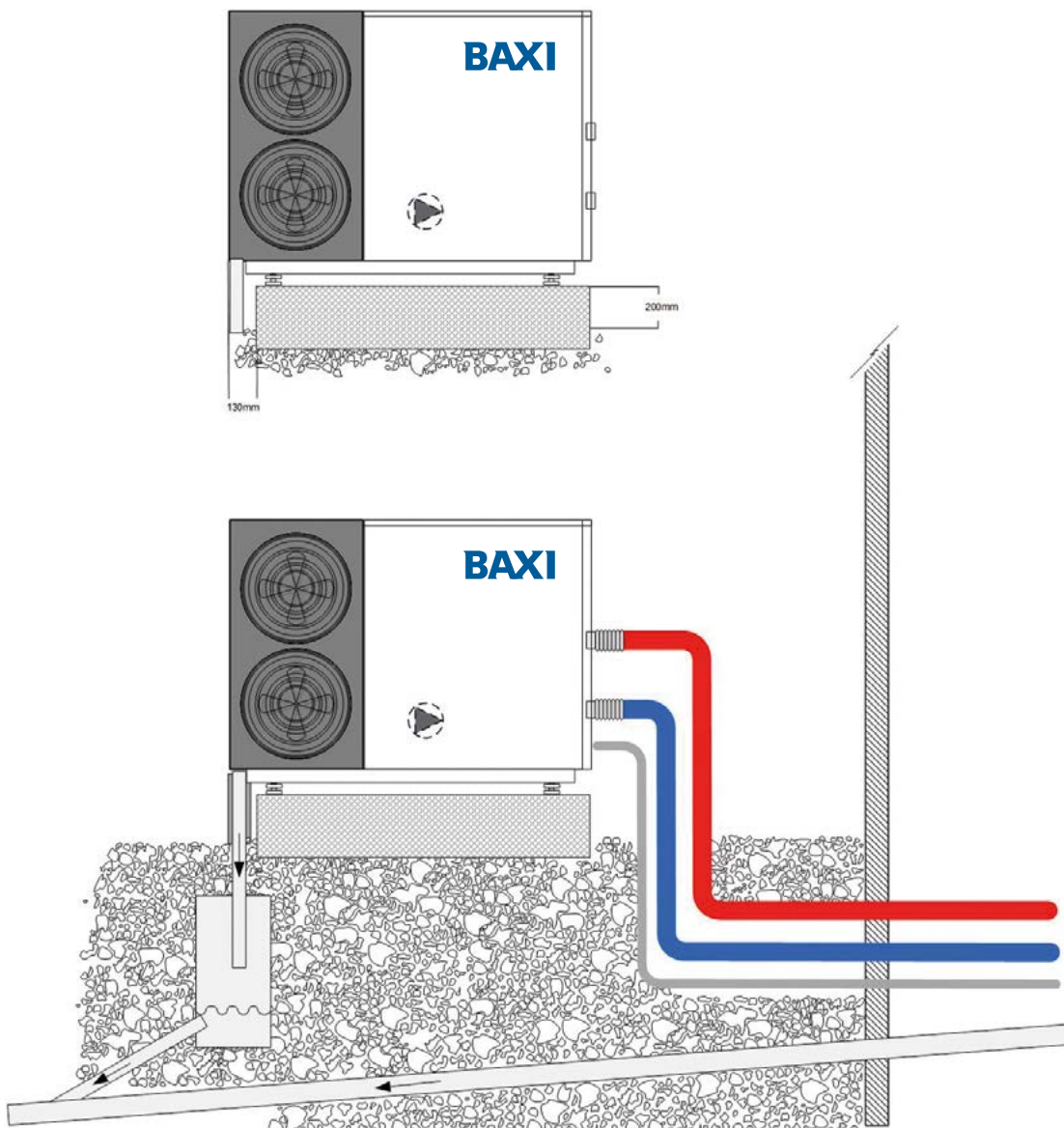


Cascade installation



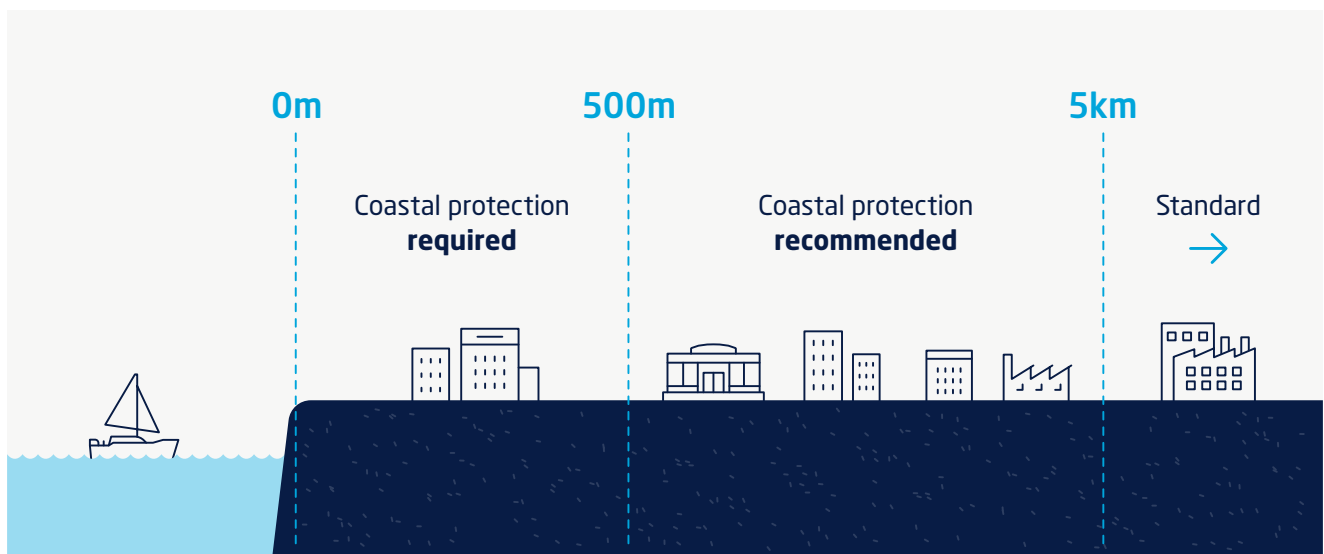
Condensate piping, hydraulic piping and cable ducting detail

- Flexible connections for the flow and return pipes are available as optional extras. We recommend that the flexible pipes or vibration absorbers are fitted to avoid the emission of vibrations to the pipework.
- The flow and return pipework should be well insulated.
- The condensate drainage connection for each unit is underneath the ASHP. In most cases further piped drainage of the condensate will be required.
- ASHP condensate can be connected to rainwater drainage as the water is clean.
- Install trace heating on the condensate pipework to avoid freezing.
- The ASHPs require both a single phase (230V) and a 3 phase (400V) electrical supplies.
- The ASHPs come with a soft starter installed as standard.
- Ensure that the building's existing or proposed electrical supply is suitable for the installation of ASHP(s).
- The ASHP (or cascade of) requires electrical metering. An application to the District Network Operator (DNO) will also be required.



Coastal Protection

Distance from the of the coast	Units required
Within 0-0.5 kilometres	Coastal units required
Between 0.5-5 kilometres	Coastal units recommended Standard units can be used but ONLY if Heat Pump(s) are sheltered from sea breezes by a protective surround
Over 5 Kilometres	Standard units suitable

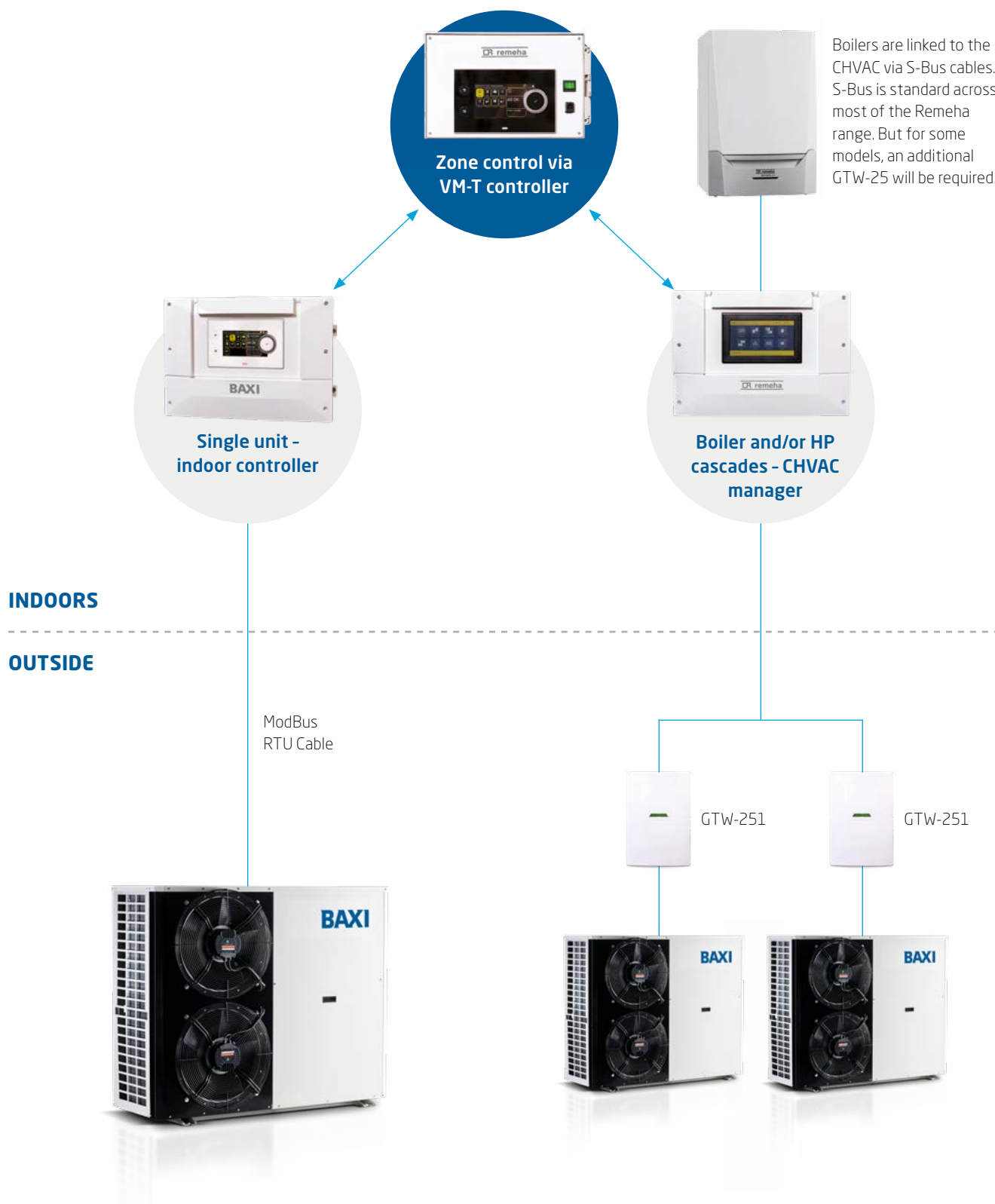


Remember...

- Coastal units should be inspected and maintained at least every 6 months.
- Any detected damage should be repaired as soon as possible by qualified professionals only.

Controls

Indoor controller and commercial HVAC manager



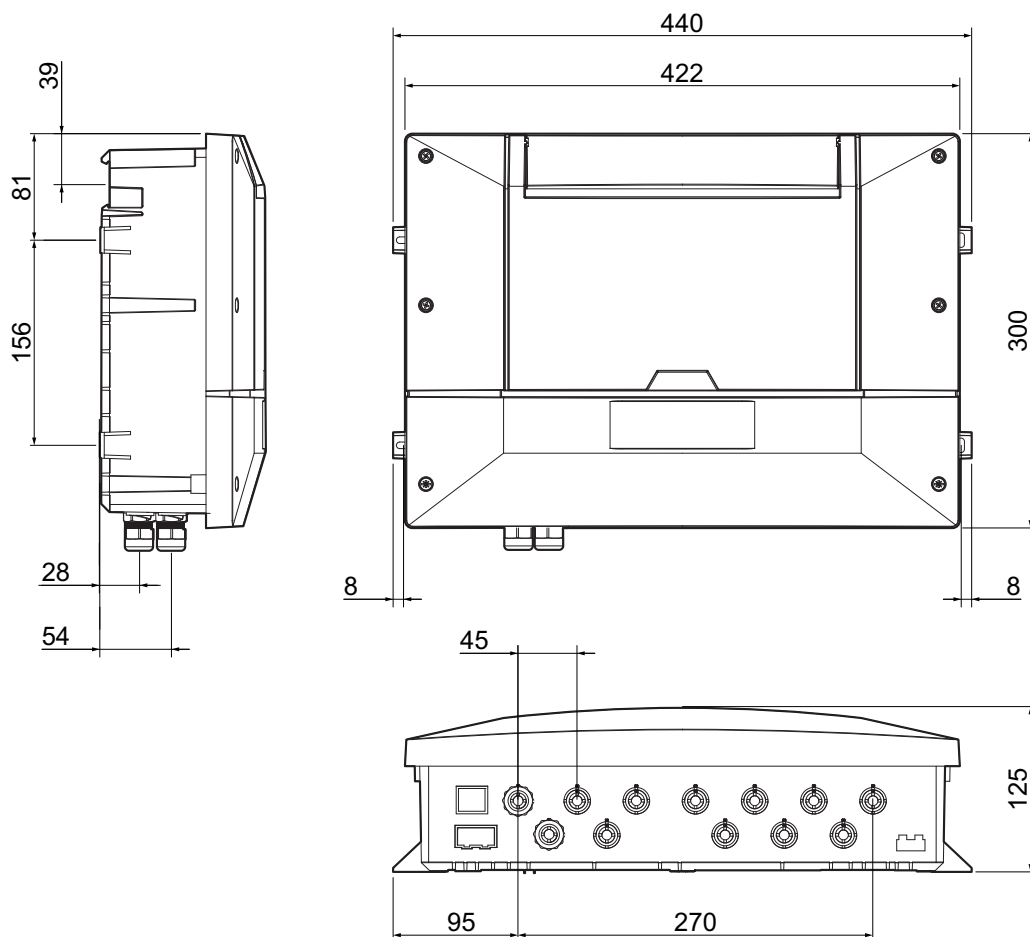
	Small applications 2DU + 1 boiler	Larger applications or cascading up to 8 producers	Control of additional zones	Advanced multi-boiler control
	Indoor Controller	CHVAC Manager	VM-T Controller	iSense Pro
Heating		Only control the producers, cannot control pumps, mixing valves etc: will need the VM-T	As standard 2 hydraulic circuits (VT/CT), directly controls pumps and mixing valves (optional AD249 for an additional hydraulic circuit)	As standard, 2 hydraulic circuits (VT/CT). Directly controls pumps and mixing valves
DHW		With the use of an optional VM-T Control	As standard, 1 DHW circuit (optional AD249 for an auxiliary circuit)	As standard, 1 DHW circuit and an auxiliary circuit
Cooling			Not known to control cooling	Not known to control cooling
Hybrid	Only 1 boiler, max 2 HP	Max 8 producers	Only known to control boilers	Only known to control boilers
All electrics with electrical backup	Up to 2 stages		Requires 230V, 50Hz, 6A power supply. Clock power reserve for 2 years, with values and programming saved in memory	Requires 230V, 50Hz, 6A power supply. Clock power reserve for 2 years, with values and programming saved in memory
Producers management				
Direct connection to HP		Need GTW 251 per HP that needs connection	Not known to control HP	Not known to control HP
Manage 2 ODU		Need a GTW 251 per HP	Not known to control HP	Not known to control HP
Cascade up to 8 Producers (inc. ODU)	Cascade possible via a VM-T	Need a GTW 251 per HP	As master can control up to 7 boilers in cascade	Controls up to 10 boilers in cascade, not known to control HP
Zone management				
Control 1 zone		With VM-T		
Control up to 5 zones, or 3 mixing zones	Only with additional accessory or VM-T	With VM-T	With the optional AD249 Controls 3 Mixing Zones + 1 DHW + 1 Aux	In a network with additional iSense Pro units
Output management				
Cascade with different HP outputs - i.e. not identical		Only for MB2C	Not known to control HP	Not known to control HP
Output control capacity up to 80kWs			Not known to be limited	Not known to be limited
Unlimited output control capacity		Might need additional accessories inc. GTW 251 for HP		
Connection				
BACnet connection	Need GTW 21	Need GTW 21		
ModBus connection	Need GTW 08 RTU ModBus	Need GTW 08 RTU ModBus	Mini - Din Connectors × 2	Need ModBus interface AD 286 / AD 287
Mandatory stable internet connection	Can have one, but is not mandatory			
Cloud access	With use of GTW-30 or RU2	If a service contract is in place it's recommended it be mandatory to have access to the unit to do remote optimisation		
Setting				
Set by point set value for comfort - i.e. °C				
Set by proportion for higher efficiency of the devices				
Other				
Connection to external PV		With the use of an optional VM-T Control		
Connection to solar modules				Via SCU-C (not applied in UK)
Din rail connection			Mini - Din Connectors × 2	Mini - Din Connectors × 2
System distribution components	Need Low Loss Header	Need Buffer and Low Loss Header	Need Low loss Header (in circuit with > 2 boilers), motorised 3-way valve, pumps, sensors (Room, Flow (common and zone))	Need Low Loss Header (in circuit with > 2 boilers), motorised 3-way valve, pumps, sensors
Boiler connection	Via: On/OFF, OpenTherm, BDR Bus 0-10V with an accessory	Limitation when retrofit on the boiler due to the connections please consult list	Via: OpenTherm, BDR Bus	Via: OpenTherm, BDR Bus

Key: ■ Integral Function ■ Function possible with additional item / accessory ■ Not possible with the device

Indoor controller

Dimensions

For use in installations with a single ASHP



Technical specifications

General data

Operating temperature

Auriga control

0 to 30°C

Storage temperature

-25 to 60°C

Relative humidity (non-condensing)

0 to 95%

Weight

3.08 kg

Power supply voltage

230 VAC

Power consumption (maximum)

14 W

NTC 10K heating flow sensor

0°C

10°C

20°C

25°C

30°C

40°C

50°C

60°C

70°C

80°C

90°C

Resistance (Ω)

32,014

19,691

12,474

10,000

8,080

5,372

3,661

2,535

1,794

1,290

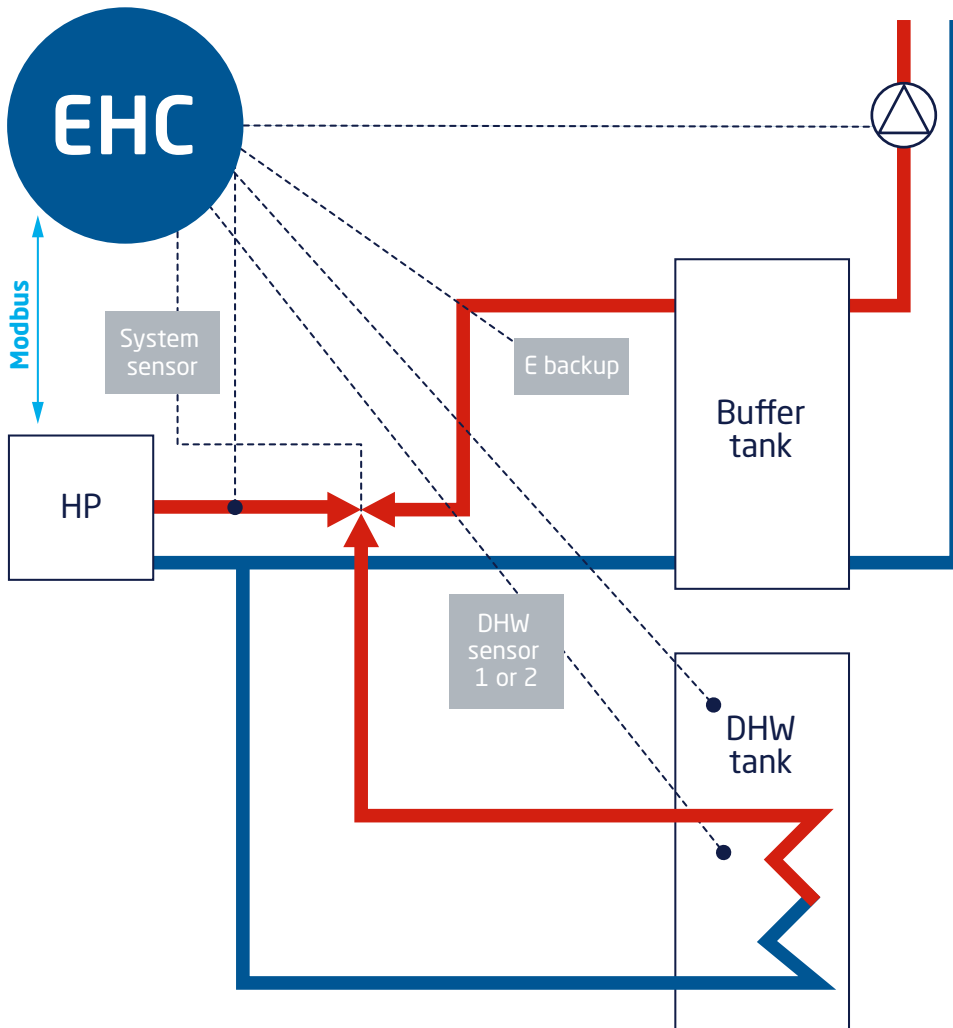
941

Indoor controller

Typical installations

Single Heat Pump providing heat and Domestic Hot Water (DHW) with 3 way valve

Outdoor sensor



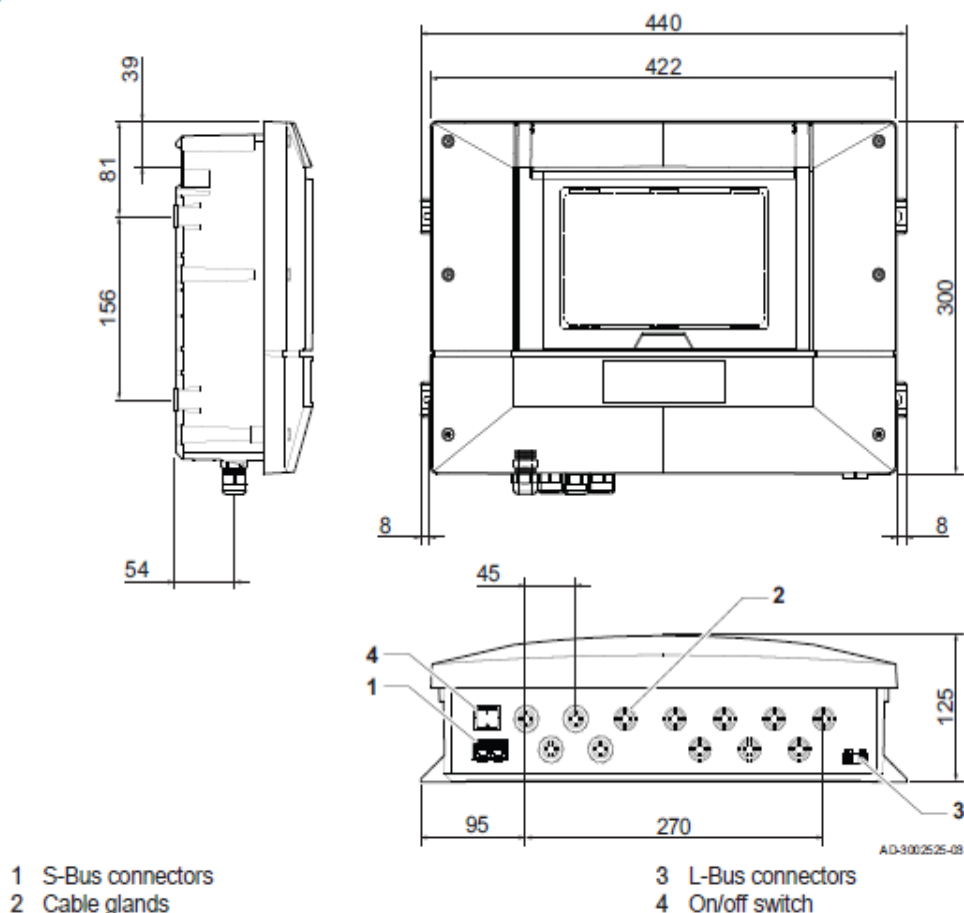
General information:

- The system will supply heating and Domestic Hot Water.
- The producer is a single Auriga ASHP.

Commercial HVAC manager

Dimensions

Fig.1 Dimensions and connections



💡 The centre of the DIN rail is 39 mm from the top of the wall box.

Technical specifications

General data

Allowed ambient temperature

Width x height x depths
(maximum dimensions)

Storage temperature

Relative humidity (non-condensing)

CHVAC main controller

0 to 40°C

440mm x 300mm
x 125mm

-25 to 60°C

0 to 95%

Electrical data

Supply voltage

Power consumption
(of CHVAC main controller only)

CHVAC main controller

230 VAC

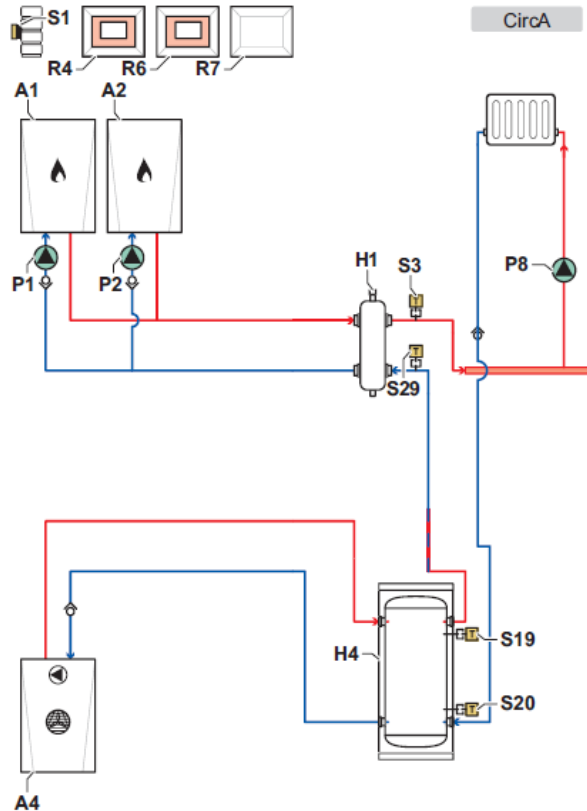
14 W

Commercial HVAC manager

Typical installations

Cascade of two boilers and single heat pump - 1 circuit (direct)

Fig.9 Diagram and components - 6000098



CircA Circuit A (Direct circuit)

A1 Boiler with CB-03 and GTW-25

A2 Boiler with CB-03 and GTW-25

A4 Heat pump connected via Modbus

H1 Low loss header

H4 Buffer tank with two sensors

P1 Appliance A1 pump

P2 Appliance A2 pump

P8 Circuit A pump

R4 Cascade manager with CHVAC-01, IO-01, CB-05 and CB-20

R6 External zone controller with EEC-01 and CB-05

R7 Wall box with GTW-251

S1 Outdoor temperature sensor

S3 Low loss header flow temperature sensor

S19 Heating buffer tank top temperature sensor

S20 Heating buffer tank bottom temperature sensor

S29 Low loss header return temperature sensor

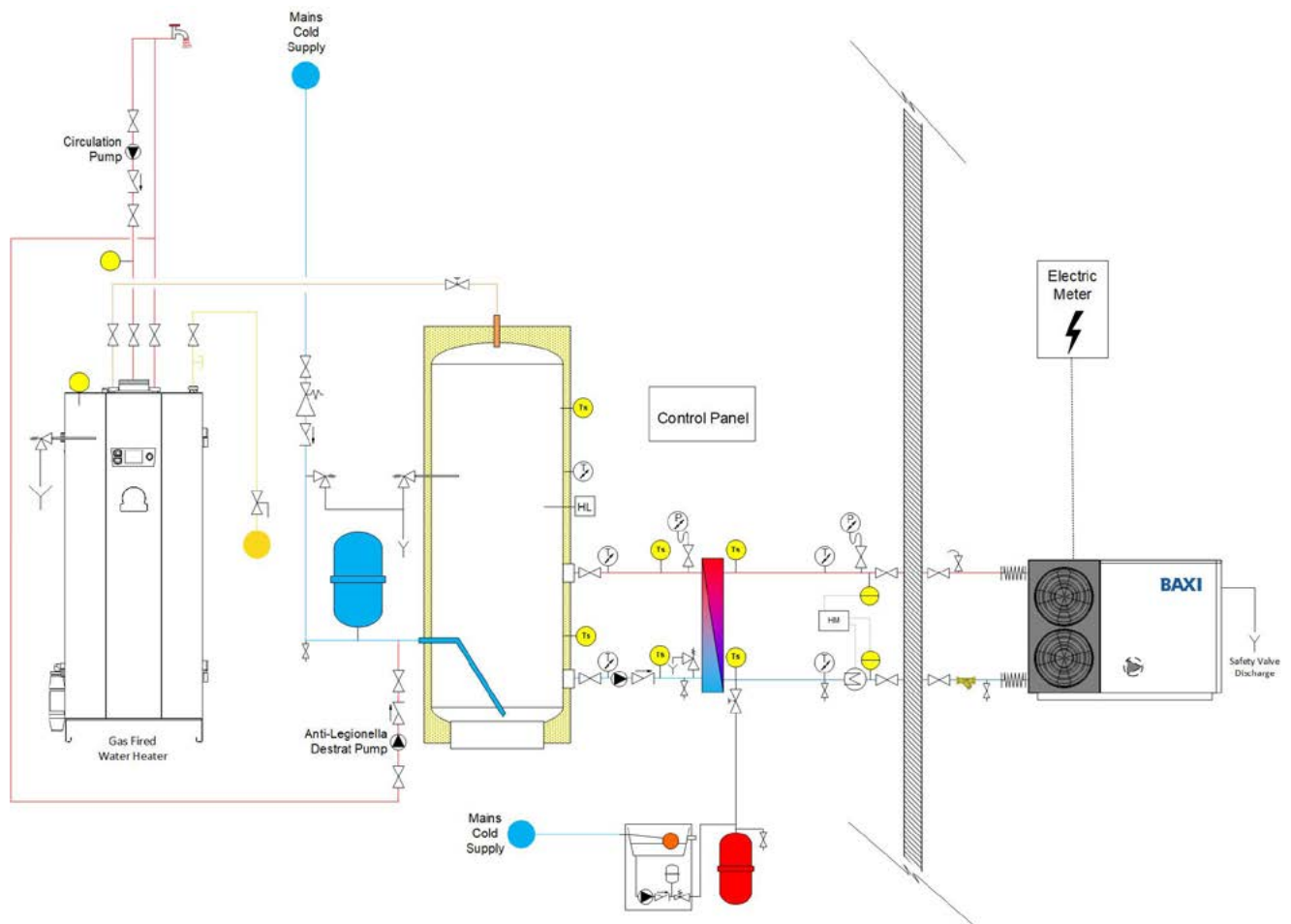
AD-6000098-01

General information:

- The system will only supply heating water. Domestic hot water is decentralised and therefore not included in this system.
- The design supply temperature is 70 °C at an outdoor temperature of -10°C.
- The producers are a combination of two gas fired boilers and a heat pump, managed by the Remeha CHVAC system manager.
- The heat pump and the boilers are in series and can both deliver energy for heating.

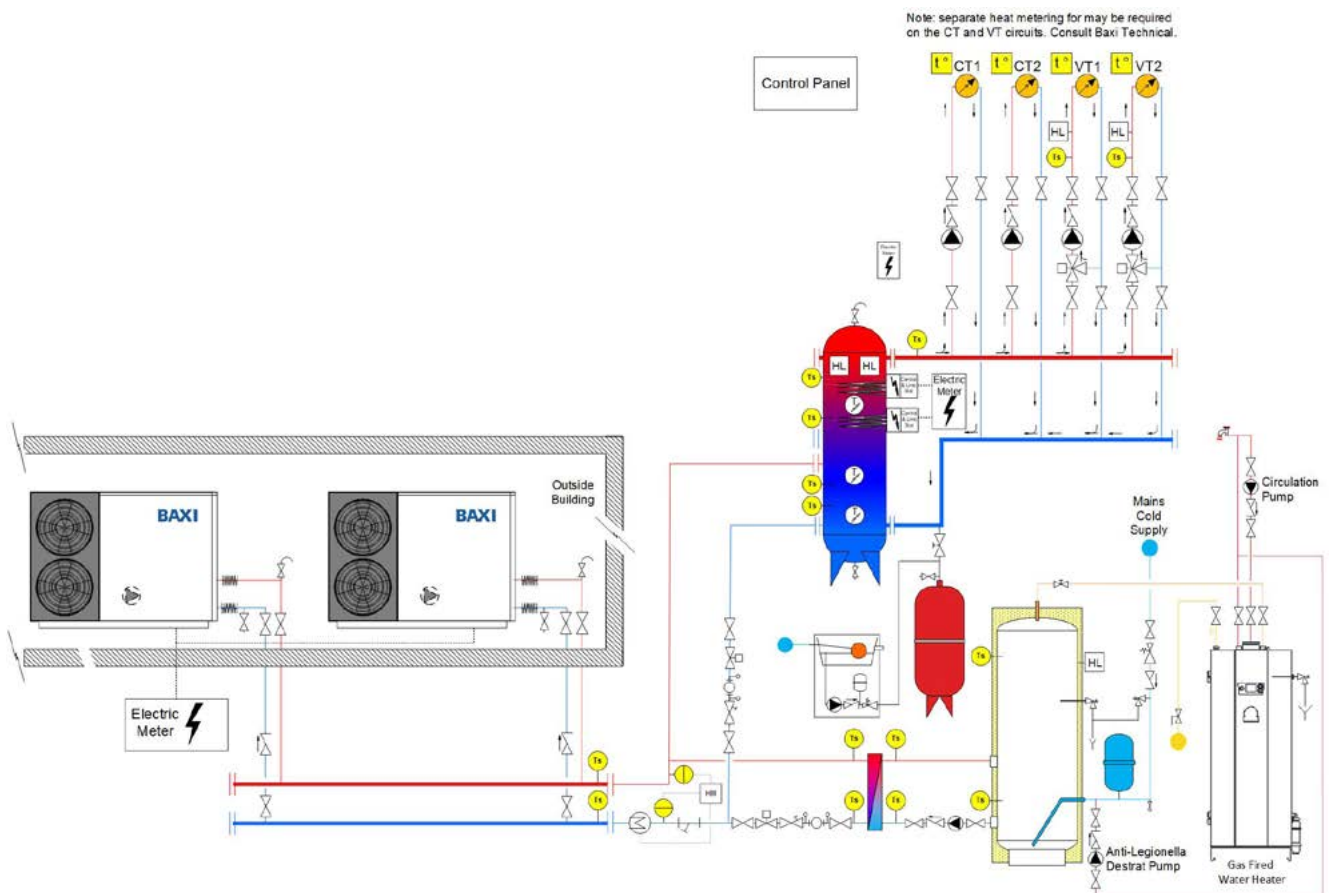
Hydraulic schematics

Schematic example of Domestic Hot Water pre-heat with gas-fired water heater



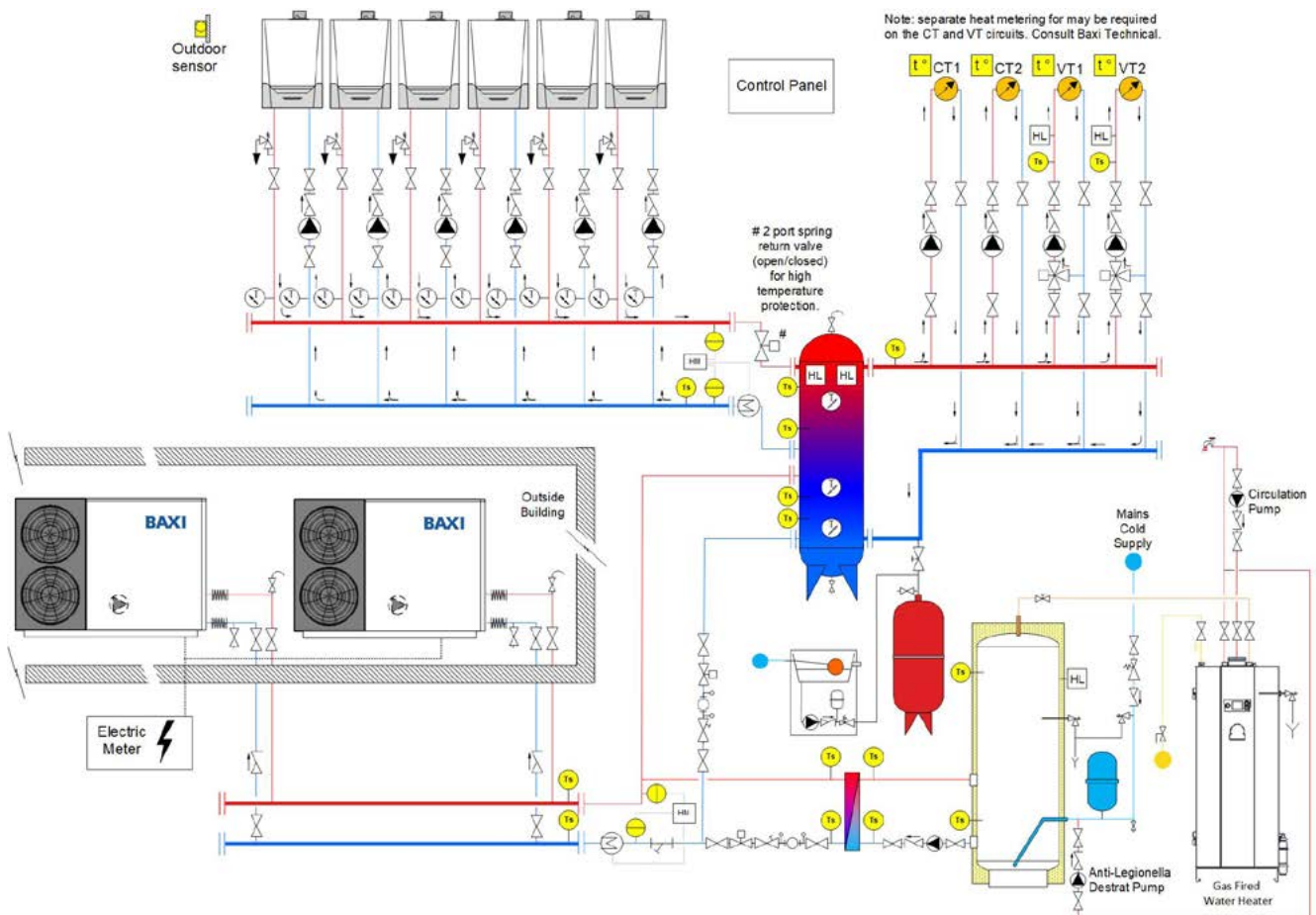
Hydraulic schematics

Bivalent primary heating via boilers and ASHP



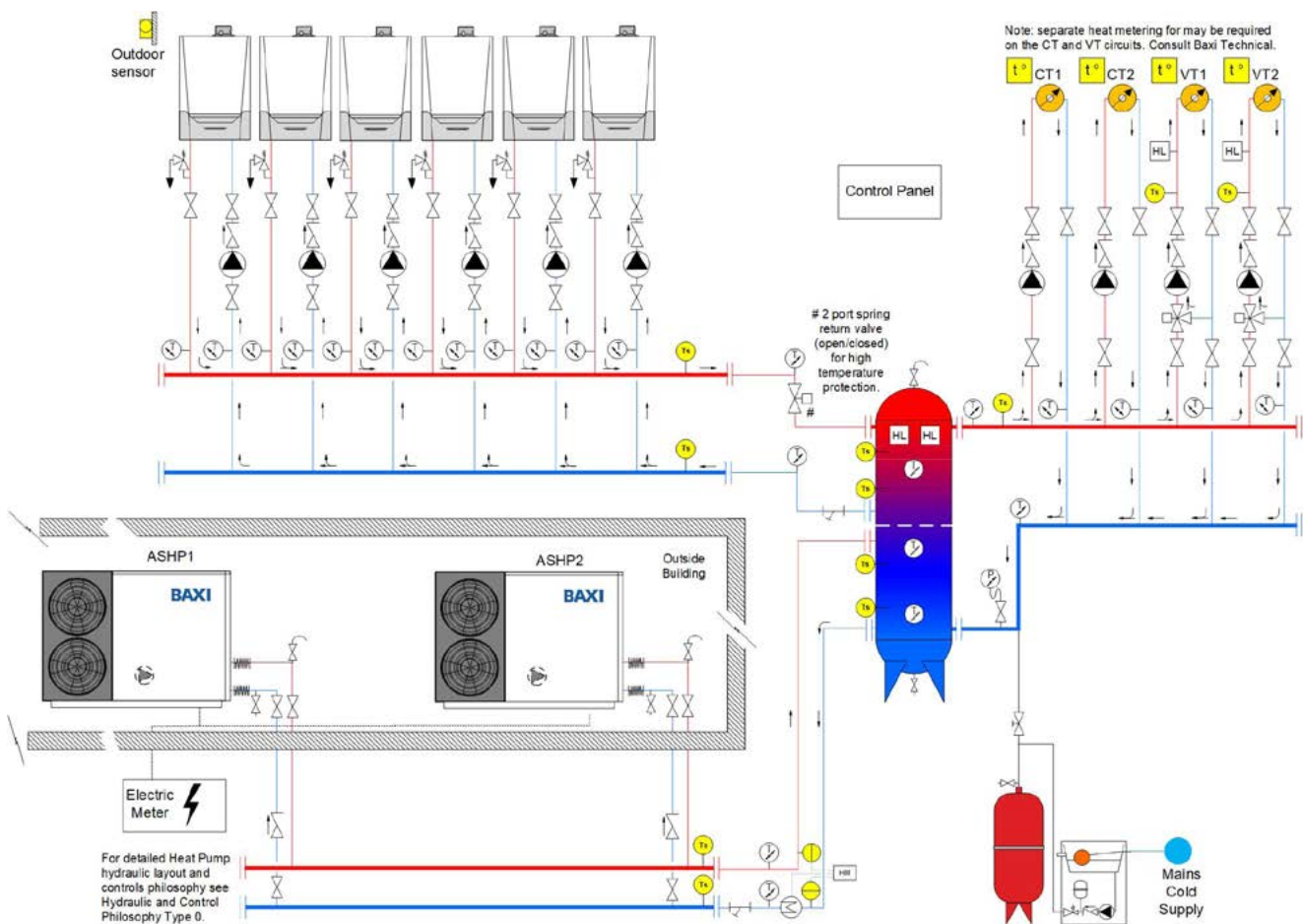
Hydraulic schematics

Bivalent primary heating via boilers and ASHP with DHW pre-heat



Hydraulic schematics

Primary heating via ASHP with DHW pre-heat



Technical support

From brochures to CAD drawings and BIM files, you can access all the information you need at **baxi.co.uk**

Or call our sales or technical departments on **0345 070 1055**
We're always happy to help.

We can provide you with:

- Brochures
- Technical specification sheets
- Case studies
- Installation manuals
- BIM files
- CAD files
- Energy-related products directive data
- Commissioning
- Technical information
- Spare parts (part of our sales service)

Declaration of compliance

We hereby declare that the equipment is a product that complies with the following directives and standards. It has been manufactured and put into circulation in accordance with the requirements of the European Directives and the United Kingdom regulations. The full text of the EU declaration of conformity is supplied separately with your appliance.

Applied standards, regulations and directives:

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility Directive 2014/30/EU
- Radio Equipment Directive 2014/53/EU
- Low Voltage Directive 2014/35/EU
- Ecodesign and Energy Labelling Directive 2009/125/EC
- Energy Labelling Regulation 2017/1369/EU: No. 811/2013 and No. 812/2013 Ecodesign No. 813/2013 and No. 814/2013
- Pressure Equipment Directive 2014/68/EU
- RoHS Directive 2011/65/EU Restriction of the use of certain hazardous substances
- Generic Standard: EN 60335-1
- Relevant Standards: EN 60335-2-40, EN 60335-2-89, EN14825
- Generic Standards: EN 61000-6-4, EN 61000-6-2
- Relevant Standard: EN 55014-1 and EN 55014-2
- SI 2016/1101 : UK Electrical Equipment (Safety) Regulations 2016
- SI 2016/1091 : UK Electromagnetic Compatibility Regulations 2016
- SI 2016/1105 : UK Pressure Equipment (Safety) Regulations 2016
- SI 2008/1597 : UK Supply of Machinery (Safety) Regulations 2008
- SI 2012/3032 : UK The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
- SI 2013/3113: UK The Waste Electrical and Electronic Equipment Regulations
- SI 2019/539: The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019