

TECHNICAL SHEETS

CONDENSING

 **IMMERGAS**

VICTRIX TERA VICTRIX TERA PLUS

Wall-hung compact
condensing boilers





VICTRIX TERA is the range of condensing combi wall-hung boilers available in 2 versions, with powers of: 24.1 kW in central heating (28.3 kW in DHW) and 28.0 kW in central heating (32.0 kW in DHW).

Thanks to the condensation technology, it has a high yield efficiency and ensures particularly reduced polluting emissions (class 6 of NO_x).

The boiler also has an easy to use **user interface** with adjustment buttons, selection buttons and LCD display.

The new microprocessor electronics allows optimum control of temperatures both in central heating and domestic hot water production modes and it may also be coupled to the exclusive CAR^{V2} modulating remote control and to the external probe (both optional features), which allow to manage, control and program the boiler at a distance with extreme simplicity, thus optimising functioning through climatic heat adjustment.

The VICTRIX TERA range models are also **designed for outdoor operation** in partially protected places and are equipped with a standard antifreeze system that protects them to a temperature of -5°C (with optional it up to -15°C); moreover, it can be installed **recessed** inside the SOLAR CONTAINER or **inside** the home in appropriate technical cabinet DOMUS CONTAINER: this allows you to have TRIO V2 / TRIO MONO V2 (COMBI system) type solutions.

1

CHARACTERISTICS VICTRIX TERA 28 1 - 32 1

Pre-mixed wall-mounted condensing boiler for central heating and production of DHW, with sealed chamber and fan-assisted with nominal heat output of 24.1 kW in CH mode (28.3 kW in DHW mode) or 28.0 kW in CH mode (32.0 kW in DHW mode), eco friendly with high efficiency and forced circulation.

By varying the type of installation the classification of the boiler also varies.

OUTDOOR INSTALLATION (in partially protected area):

Appliance with direct air intake - if installed using a flue terminal and the (optional) mandatory top cover kit, also eliminating the sealed chamber upper caps (see specific technical documentation).

Appliance type C₆/C₁₃/C₃₃/C₄₃/C₅₃/C₈₃/C₉₃ - if installed using the vertical or horizontal concentric kits, without using the top cover kit.

INDOOR INSTALLATION:

Appliance type C₆/C₁₃/C₃₃/C₄₃/C₅₃/C₈₃/C₉₃ - if installed using the vertical or horizontal concentric kits or the Ø 80/80 separator kit.

Appliance type B₂₃ - if installed using a flue kit and the (optional) mandatory top cover kit, also eliminating a sealed chamber upper caps (see specific technical documentation). The boiler is made up of:

- total pre-mixing combustion system with steel multigas cylindrical burner, complete with ignition electrode and ionisation control;
- pneumatic gas valve with double shutter;
- primary gas/water heat exchanger with single-pipe stainless steel internal coil;
- fan for flue evacuation with electronically variable speed;
- circuit for disposal of condensate including trap and flexible drain hose;
- secondary water/water exchanger for the production of domestic hot water realised in stainless steel with 14 plates (model 28 1) and 16 plates (model 32 1);
- hydraulic group composed of electric 3-way valve, low power consumption modulating circulation pump with automatic speed control on the basis of the ΔT measured between system flow and return (factory set 15°C) with incorporated air separator, adjustable and excludable by-

VICTRIX TERA

pass, primary circuit absolute pressure switch, system drain fitting, system filling cock;

- primary circuit safety valve at 3 bar;
- domestic hot water flow switch for detection of withdrawal of domestic hot water;
- diaphragm system expansion vessel of 8 nominal litres (effective 5.8) for the 28 kW model and 10 nominal litres (effective 6.4) for the 32 kW model with preload at 1.0 bar and pressure gauge;
- water overheating safety thermostat, flue control probe and heat exchanger safety system return probe;
- central heating system temperature adjustment button, DHW temperature adjustment button, function button (Off, Stand-by, Summer, Winter), Reset button, information button, digital display;
- control panel with visible controls and microprocessor driven P.C.B. with continuous flame modulation via 3 probes (2 C.H. and 1 DHW) P.I.D. control and modulation field:
 - VICTRIX TERA 28 1 from 4.3 to 24.1 kW (28.3 kW in DHW)
 - VICTRIX TERA 32 1 from 4.9 to 28.0 kW (32.0 kW in DHW)
- CH temperature range selection from min. = 20-50C to max. = set min. +5°C -85°C (standard setting 25-85°C);
- electronic ignition with ionisation control;
- ignition delay device in CH phase, anti-freeze protection system (to -5°C), pump anti-block device function, post-ventilation function, chimney sweep function and pump functioning mode selection;
- solar delay timer function for solar system coupling;
- screed heater function;
- possibility of connecting an inlet DHW probe (optional);
- self-diagnosis system with digital display of the temperature, functioning mode and error codes by means of the back-lit display, always available;
- set-up for connection of CAR^{V2}, CAR^{V2} WIRELESS, Chrono-thermostat and External probe;
- IPX5D electric protection index;
- possibility of coupling to the system for ducting of existing flues Ø 50 mm, Ø 60 mm and Ø 80 mm;
- connection kit (optional) with depth-adjustable connections on the hydraulic attachments and gas and domestic cold water cut-off cock;
- set-up for management via the DOMINUS App which allows the user to program and display the main operating parameters from smartphone and tablet. Required DOMINUS interface board kit (Optional).

Supplied complete with sample points for combustion analysis, lower aesthetic cover.

Category II_{2H3P} appliance, functions with a natural gas, L.P.G. CE Marking.

It is available in the model:

- **VICTRIX TERA 28 1** **code 3.027370**
- **VICTRIX TERA 32 1** **code 3.027371**

N.B.: for correct installation of the boiler the Immergas "Green Range" air intake/flue exhaust kit must be used.

VICTRIX TERA PLUS



VICTRIX TERA PLUS is the wall-mounted condensing boiler for central heating only with output of 24.1 kW prepared for coupling to separate Immergas 80, 120 and 200 litre storage tank units (including the UB INOX SOLAR 200 V2 version) or INOXSTOR V2 versions. It is ideal especially for homes with several bathrooms and where great amounts of water are required quickly, ensuring a considerable production of domestic hot water. Boiler and Storage Tank Unit can even be installed in different rooms, thus increasing installation flexibility.

Thanks to the condensation technology, it has a high efficiency and ensures particularly reduced polluting emissions (class 6 of NO_x).

The boiler also has an easy to use **user interface** with adjustment buttons, selection buttons and LCD display.

The new microprocessor electronics allows optimum control of temperatures both in central heating and domestic hot water production modes and it may also be coupled to the exclusive CAR^{V2} (Comando Amico Remoto) modulating remote control and to the external probe (both optional features), which allow to manage, control and program the boiler at a distance with extreme simplicity, thus optimising functioning through climatic heat adjustment.

VICTRIX TERA PLUS is also **designed for outdoor operation** in partially protected places against atmospheric agents (rain and snow) and is equipped with a standard antifreeze system that protects them to a temperature of -5°C (with optional it up to -15°C); moreover, it can be installed **recessed** inside the SOLAR CONTAINER or **inside** the home in appropriate technical cabinet DOMUS CONTAINER: this allows you to have TRIO V2 / TRIO MONO V2 (PLUS system) type solutions.

2

CHARACTERISTICS VICTRIX TERA 24 PLUS

Pre-mixed wall-mounted condensing boiler for central heating only set-up for coupling to separate boilers for the production of DHW, with sealed chamber and fan-assisted with nominal heat output of 24.1 kW in CH mode (28.3 kW in DHW mode), eco friendly with high efficiency and forced circulation.

By varying the type of installation the classification of the boiler also varies.

OUTDOOR INSTALLATION (in partially protected area):

Appliance with direct air intake - if installed using a flue terminal and the (optional) mandatory top cover kit, also eliminating the sealed chamber upper caps (see specific technical documentation).

Appliance type C₆/C₁₃/C₃₃/C₄₃/C₅₃/C₈₃/C₉₃ - if installed using the vertical or horizontal concentric kits, without using the top cover kit.

INDOOR INSTALLATION:

Appliance type C₆/C₁₃/C₃₃/C₄₃/C₅₃/C₈₃/C₉₃ - if installed using the vertical or horizontal concentric kits or the Ø 80/80 separator kit.

Appliance type B₂₃ - if installed using a flue kit and the (optional) mandatory top cover kit, also eliminating a sealed chamber upper caps (see specific technical documentation). The boiler is made up of:

- total pre-mixing combustion system with steel multigas cylindrical burner, complete with ignition electrode and ionisation control;
- pneumatic gas valve with double shutter;
- primary gas/water heat exchanger with single-pipe stainless steel internal coil;
- fan for flue evacuation with electronically variable speed;
- circuit for disposal of condensate including trap and flexible drain hose;

VICTRIX TERA PLUS

- hydraulic group composed of electric 3-way valve, low power consumption modulating circulation pump with automatic speed control on the basis of the ΔT measured between system flow and return (factory set 15°C) with incorporated air separator, adjustable and excludable by-pass, primary circuit absolute pressure switch, system drain fitting, system filling cock;
- primary circuit safety valve at 3 bar;
- 8 nominal litre (effective 5.8) expansion vessel system with diaphragm with factory-set pressure at 1.0 bar and manometer;
- water overheating safety thermostat, flue control probe and heat exchanger safety system return probe;
- central heating system temperature adjustment button, DHW temperature adjustment button, function button (Off, Stand-by, Summer, Winter), Reset button, information button, digital display;
- control panel with visible controls and microprocessor driven P.C.B. with continuous flame modulation, of which 1 on the system return for the overheating control of the condensation module with P.I.D. control, with modulation field from 4.3 to 24.1 kW (28.3 kW in DHW)
- CH temperature range selection from min. = 20-50C to max. = set min. +5°C -85°C (standard setting 25-85°C);
- electronic ignition with ionisation control;
- ignition delay device in CH phase, anti-freeze protection system (to -5°C), pump anti-block device function, post-ventilation function, chimney sweep function and pump functioning mode selection;
- screed heater function
- self-diagnosis system with digital display of the temperature, functioning mode and error codes by means of the back-lit display, always available;
- set-up for connection of CAR^{V2}, CAR^{V2} WIRELESS, Chrono-thermostat, External probe;
- IPX5D electric protection index;
- possibility of coupling to the system for ducting of existing flues Ø 50 mm, Ø 60 mm and Ø 80 mm;
- connection kit (optional) with depth-adjustable connections on the hydraulic attachments and gas and domestic cold water cut-off cock;
- set-up for management via the DOMINUS App which allows the user to program and display the main operating parameters from smartphone and tablet. Required DOMINUS interface board kit (Optional).

Supplied complete with sample points for combustion analysis, lower aesthetic cover.

Category II_{2H3P} appliance, functions with a natural gas, L.P.G. CE Marking.

It is available in the model:

- **VICTRIX TERA 24 PLUS** **code 3.027373**

N.B.: for correct installation of the boiler the Immergas "Green Range" air intake/flue exhaust kit must be used.

3

STORAGE TANK UNIT



3.1

FEATURES

The Storage tank unit consisting of:

- 80 litre, 120 litre or 200 litre storage tank (based on the models) made of stainless steel, with upper inspection flange;
- water/water heat exchanger wound in double concentric spiral (2 in the 120 litre and 200 litre model) made of stainless steel and removable;
- 8 bar safety valve;
- diaphragm DHW expansion vessel of 4 litres (Storage tank unit 80), of 5 litres (Storage tank unit 120) and of 8 litres (Storage tank unit 200 and SOLAR 200) with 2.5 bar preload;
- domestic hot water temperature control probe;
- storage tank draining valve;
- on the control panel there is a thermometer (UB INOX 80 V2, UB INOX 120 V2 and UB INOX 200 V2 versions) or a solar water pressure gauge (UB INOX SOLAR 200 V2);
- insulation in ecological self-extinguishing polyester with a 5 cm thickness.

Furthermore, the UB INOX SOLAR 200 V2 integrates the following components inside the casing:

- single circulation unit with low electrical consumption of 1-6 l/min;
- 18 litre solar expansion vessel;
- thermostatic mixing valve with 3/4" connections;
- solar control unit integrated in storage tank control panel with relative temperature probes;
- solar circuit connection pipes for heating the lower coil via a solar heating system (optional for UB INOX 120 V2 and UB INOX 200 V2);
- 6 bar solar circuit safety valve.

It is available in the model:

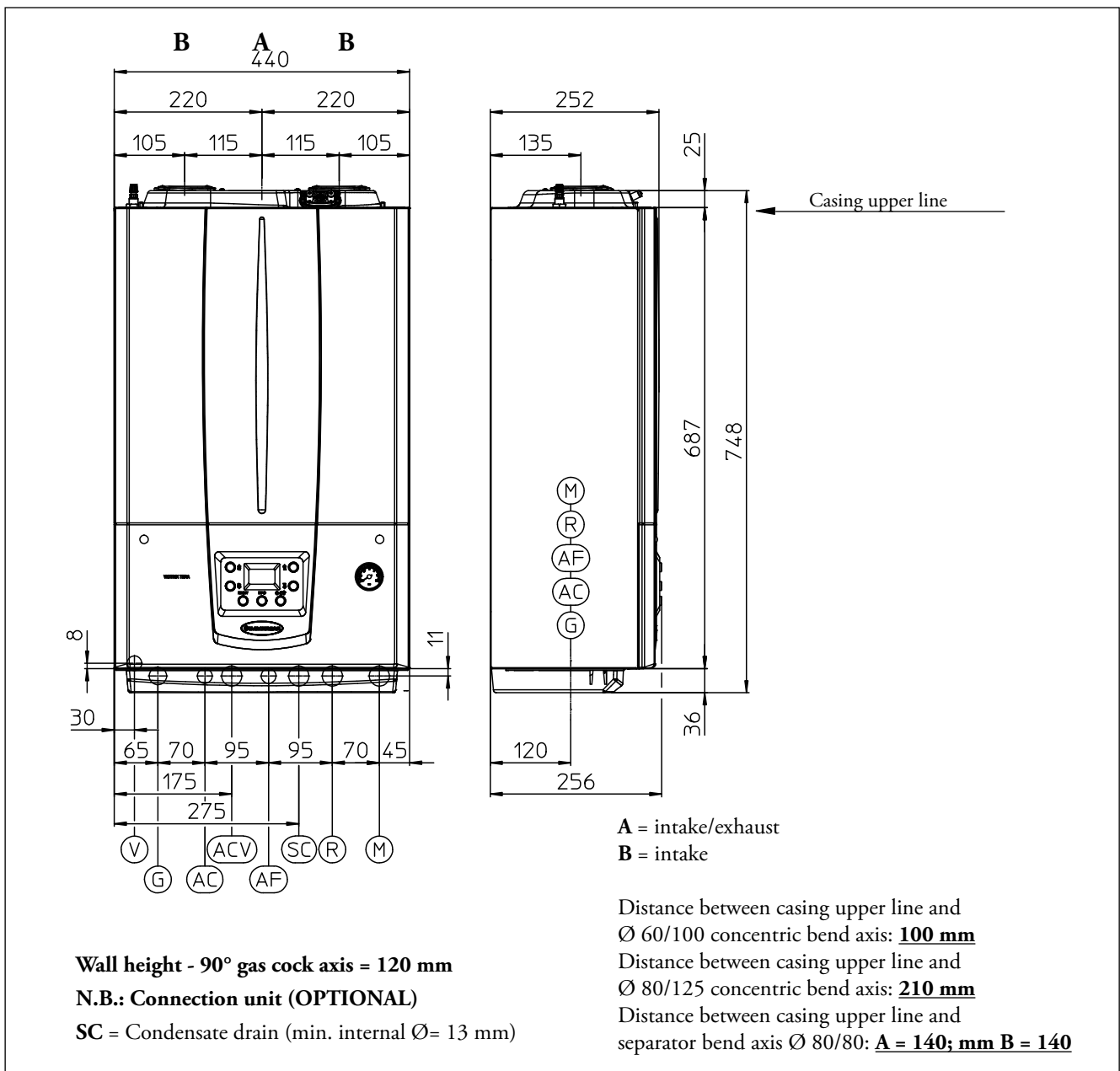
- **UB INOX 80 V2** code **3.027817**
- **UB INOX 120 V2** code **3.027818**
- **UB INOX 200 V2** code **3.027819**
- **UB INOX SOLAR 200 V2** code **3.027820**

VICTRIX TERA

4 MAIN DIMENSIONS VICTRIX TERA

Model	Height mm	Width mm	Depth mm	Ø intake/exhaust mm
VICTRIX TERA	748	440	256	100/60 - 125/80 - 80/80

4.1 CONNECTIONS

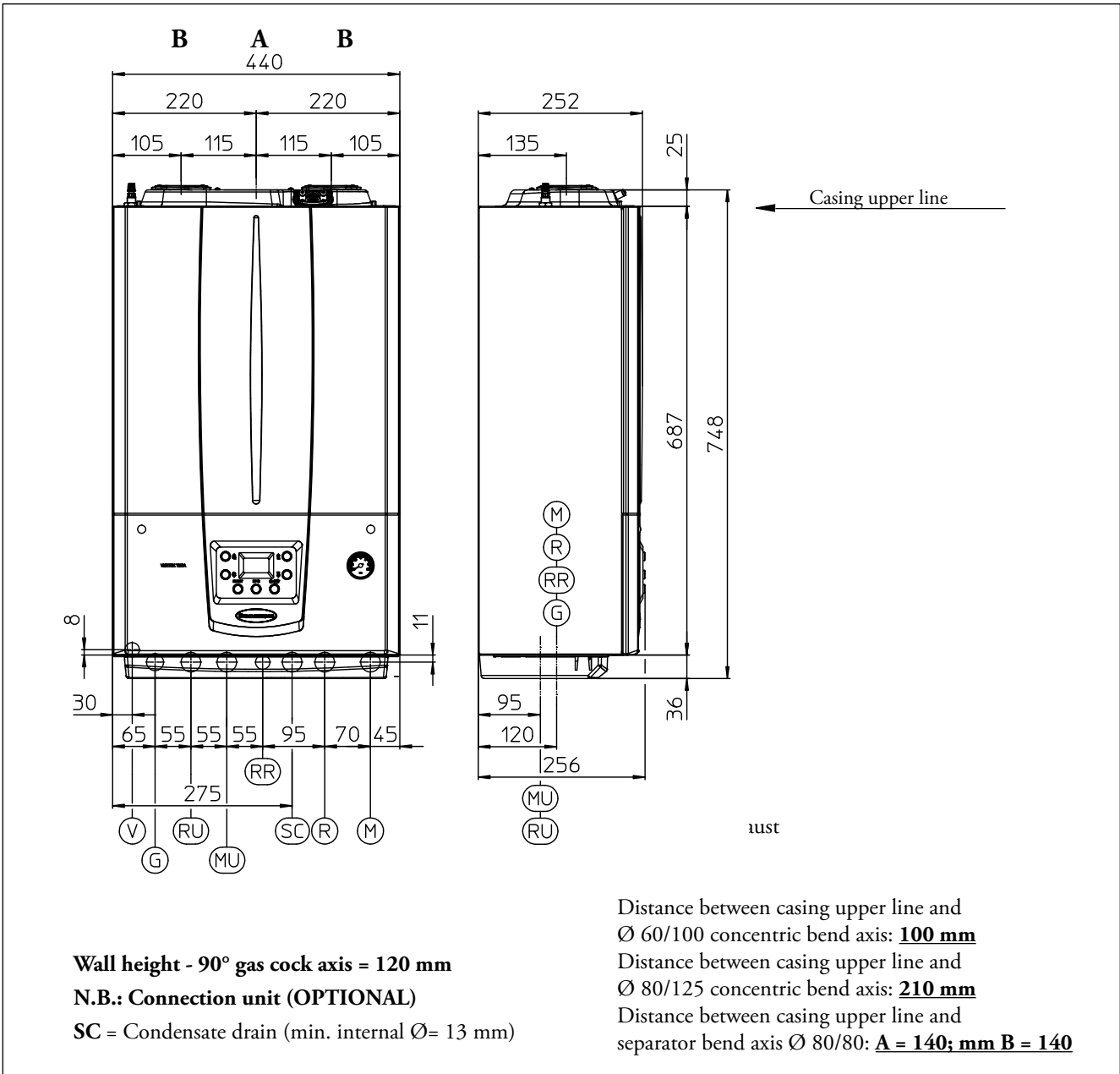


Model	Flow M	Return R	Hot Outlet AC	Cold Inlet AF	Gas G	Expansion vessel Litres
VICTRIX TERA	3/4"	3/4"	1/2"	1/2"	3/4"	8 (real 5.8) version 28 kW 10 (real 6.4) version 32 kW

5 MAIN DIMENSIONS VICTRIX TERA PLUS

Model	Height mm	Width mm	Depth mm	Ø intake/exhaust mm
VICTRIX TERA PLUS	748	440	256	100/60 - 125/80 - 80/80

5.1 CONNECTIONS

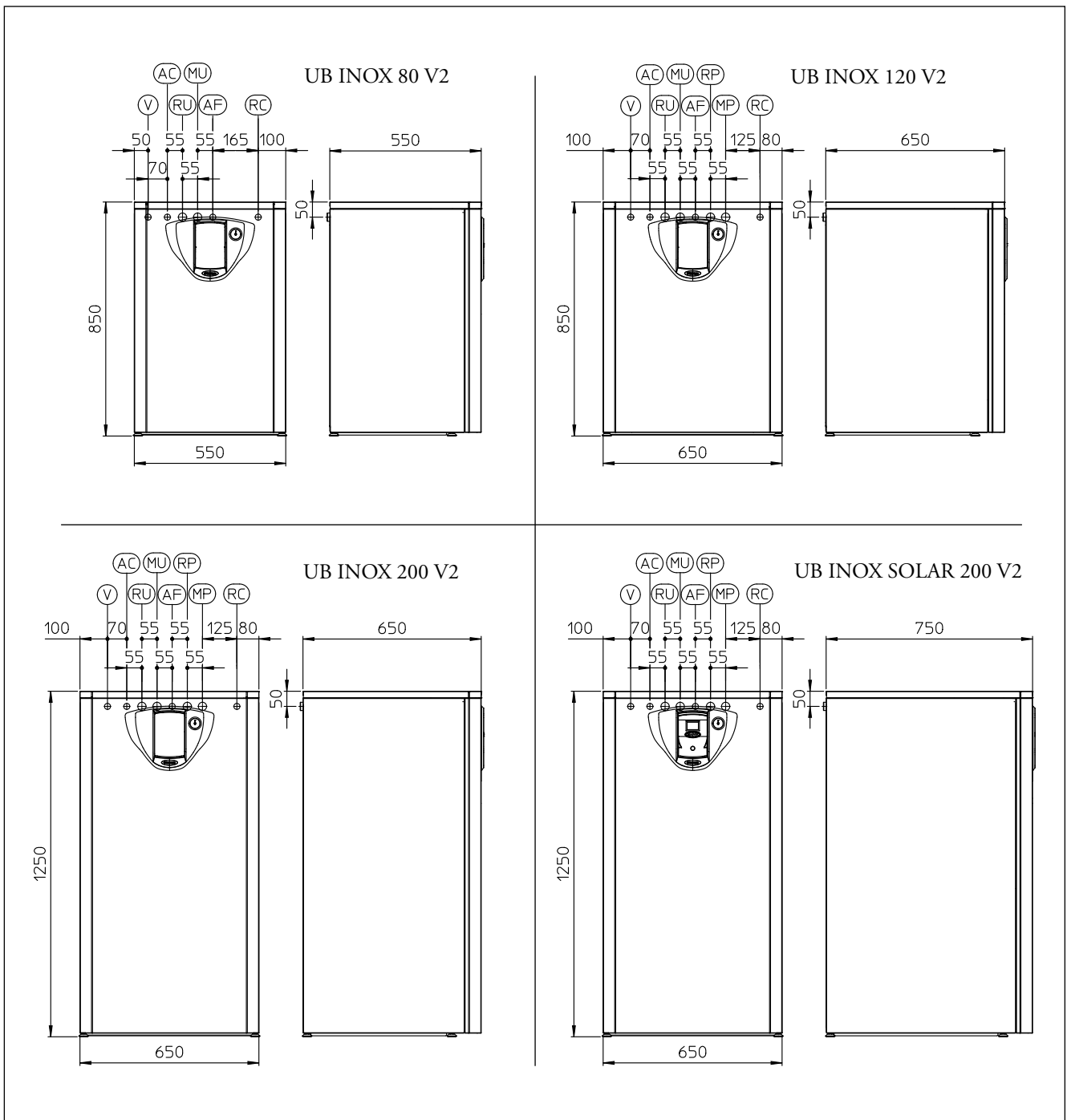


Model	Flow M	Return R	Flow Storage Tank MU	Return Storage Tank RU	Filling RR System	Gas G	Expansion vessel Litres
VICTRIX TERA PLUS	3/4"	3/4"	3/4"	3/4"	1/2"	3/4"	8 (real 5.8)

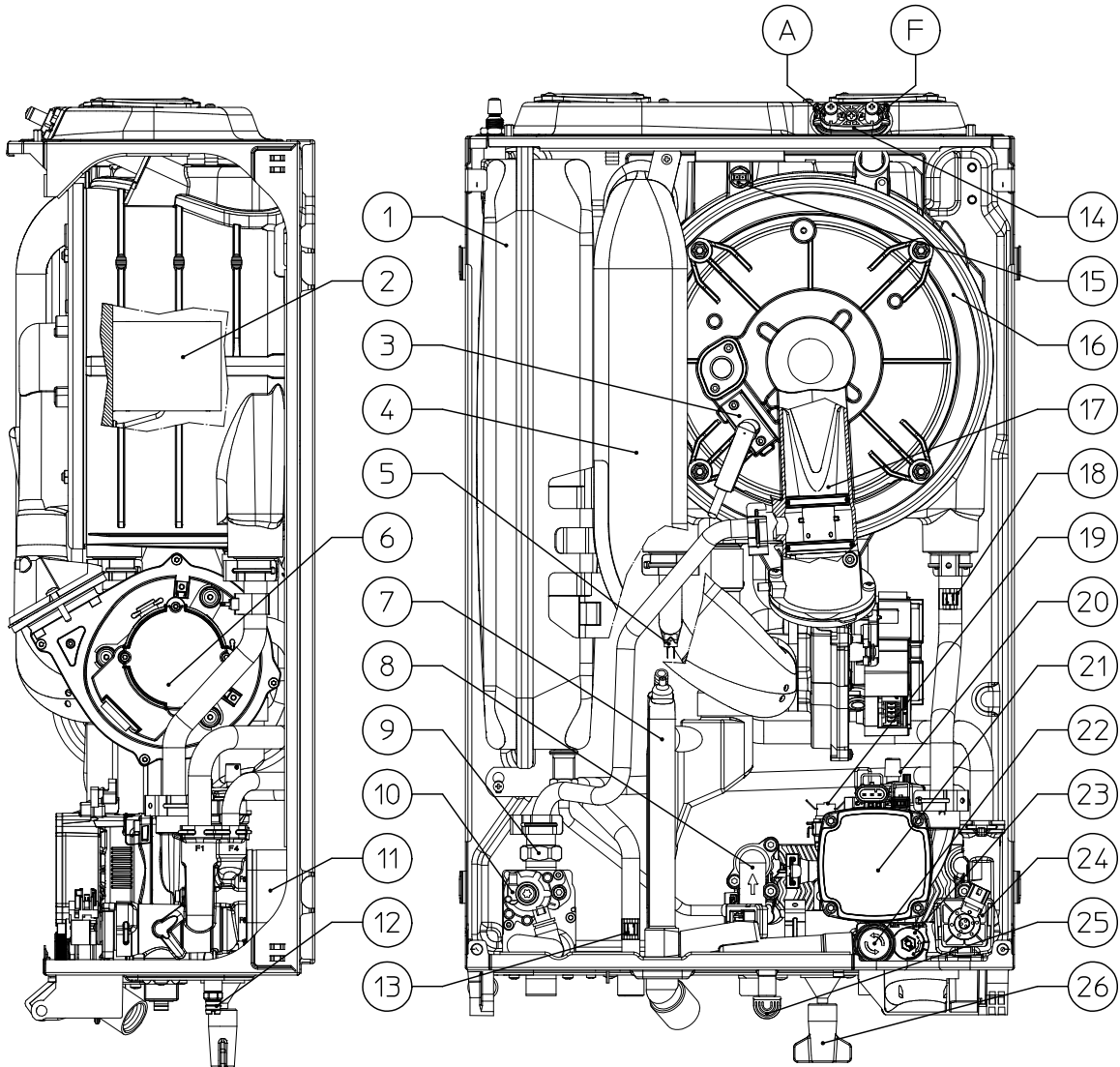
VICTRIX TERA PLUS

6 STORAGE TANK UNIT MAIN DIMENSIONS (PLUS Model)

	UB INOX 80 V2	UB INOX 120 V2	UB INOX 200 V2	UB INOX SOLAR 200 V2
Height mm	850	850	1250	1250
Width mm	550	650	650	650
Depth mm	550	650	650	750



Storage tank Flow	Storage tank return	Cold Inlet AF	Hot Outlet	Recirculation	Panels Flow	Panels Return
MU	RU		AC	RC	MP	RP
3/4"	3/4"	3/4"	3/4"	1/2"	3/4"	3/4"



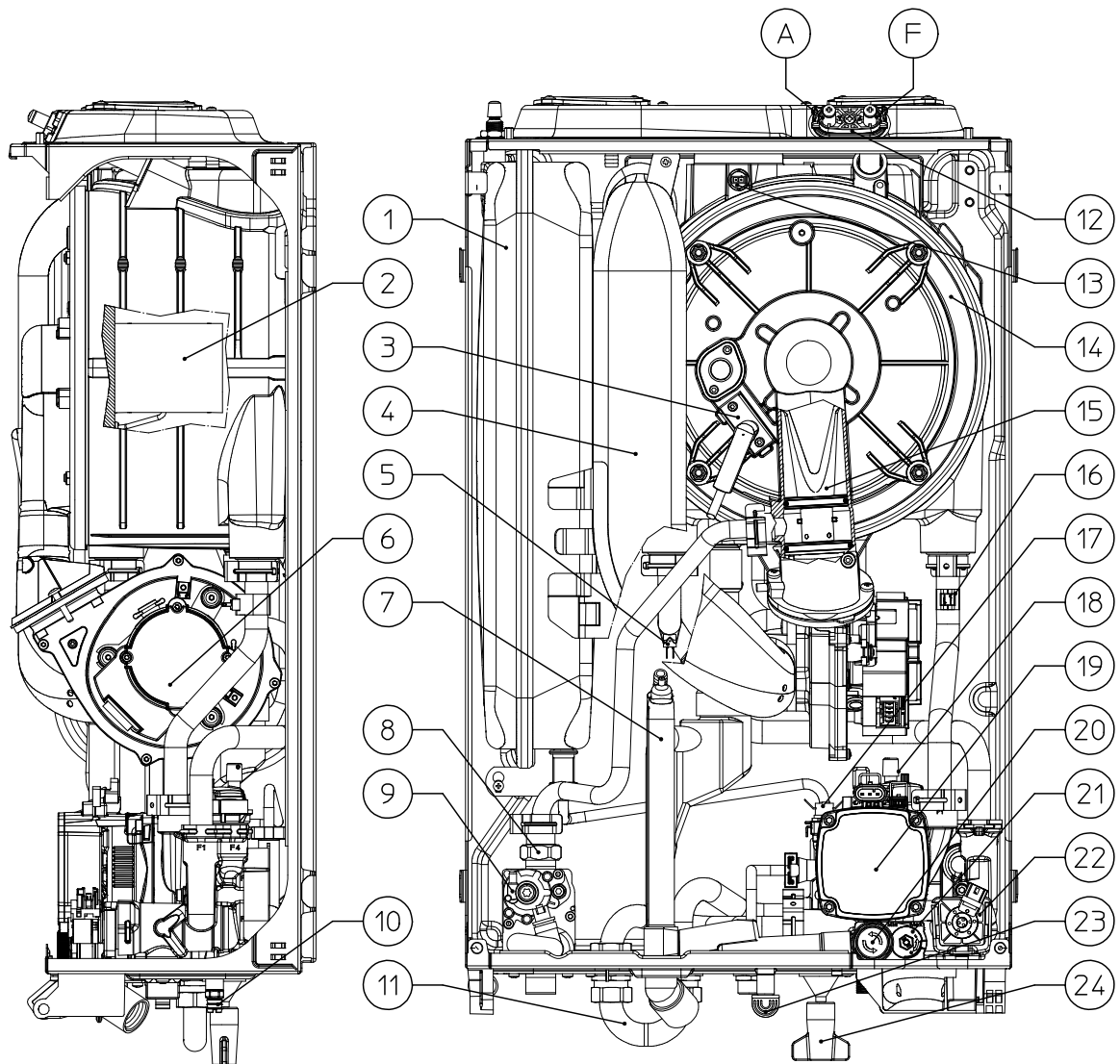
KEY:

- | | |
|----------------------------------|---|
| 1 - System expansion vessel | 14 - Sample points (air A) - (flue gases F) |
| 2 - Burner | 15 - Flue probe |
| 3 - Ignition/detection electrode | 16 - Condensation module |
| 4 - Air intake pipe | 17 - Venturi |
| 5 - Flow probe | 18 - Return probe |
| 6 - Fan | 19 - System pressure switch |
| 7 - Condensate drain trap | 20 - Air vent valve |
| 8 - D.H.W. flow switch | 21 - Boiler pump |
| 9 - Gas nozzle | 22 - 3 bar safety valve |
| 10 - Gas valve | 23 - By-pass |
| 11 - DHW heat exchanger | 24 - 3-way valve (motorised) |
| 12 - System draining valve | 25 - Valve drain fitting signal |
| 13 - DHW probe | 26 - System filling valve |

VICTRIX TERA PLUS

8

MAIN COMPONENTS VICTRIX TERA PLUS

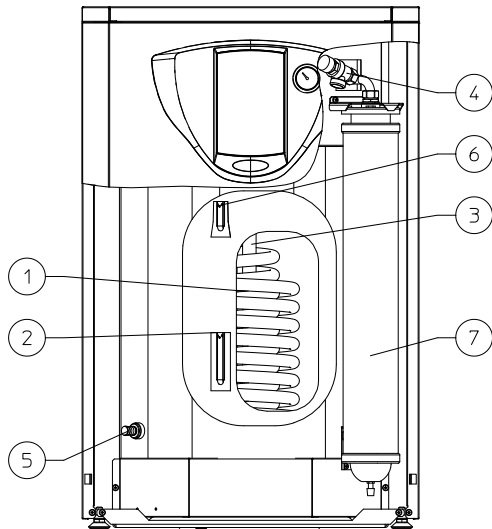


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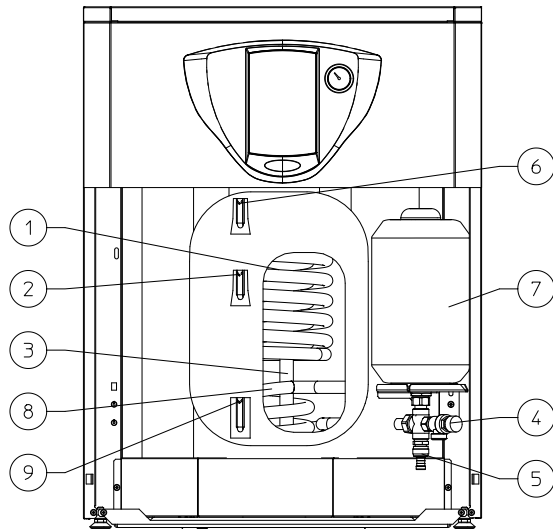
- 1 - System expansion vessel
- 2 - Burner
- 3 - Ignition/detection electrode
- 4 - Air intake pipe
- 5 - Flow probe
- 6 - Fan
- 7 - Condensate drain trap
- 8 - Gas nozzle
- 9 - Gas valve
- 10 - System draining valve
- 11 - Storage tank return flow by-pass
- 12 - Sample points (air A) - (flue gases F)

- 13 - Flue probe
- 14 - Condensation module
- 15 - Venturi
- 16 - Return probe
- 17 - System pressure switch
- 18 - Air vent valve
- 19 - Boiler pump
- 20 - 3 bar safety valve
- 21 - By-pass
- 22 - 3-way valve (motorised)
- 23 - Valve drain fitting signal
- 24 - System filling valve

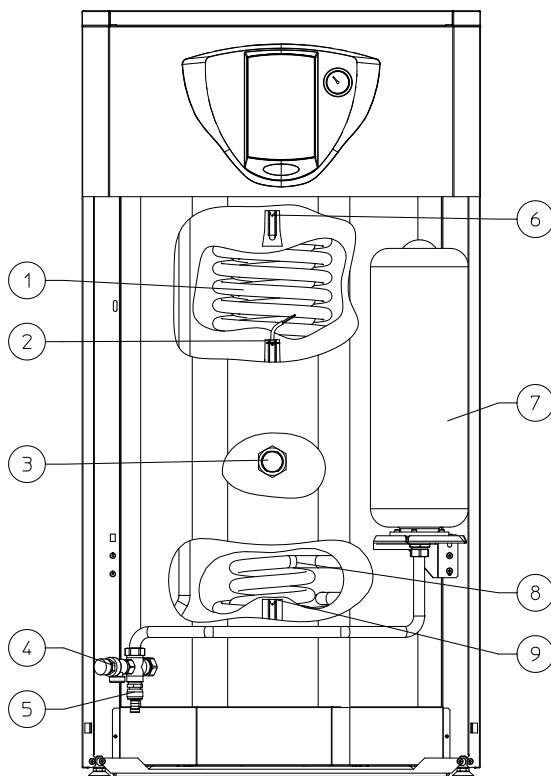
UB INOX 80 V2



UB INOX 120 V2



UB INOX 200 V2



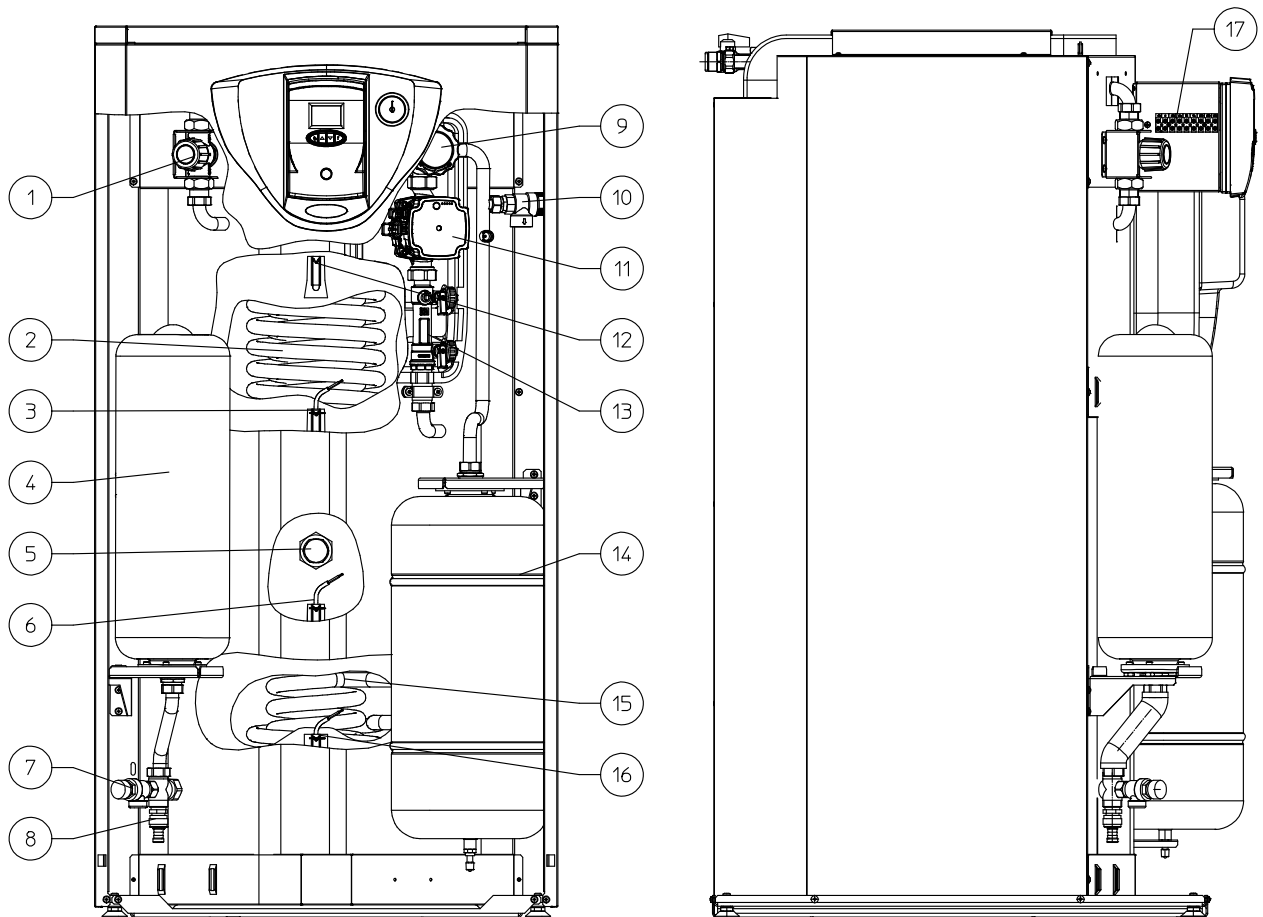
KEY:

- 1 - Stainless steel coil for boiler
- 2 - DHW probe
- 3 - Magnesium anode
- 4 - 8 bar safety valve
- 5 - Storage tank draining valve
- 6 - Thermometer probe
- 7 - DHW expansion vessel
- 8 - Solar coil
- 9 - Solar probe (Optional)

VICTRIX TERA PLUS

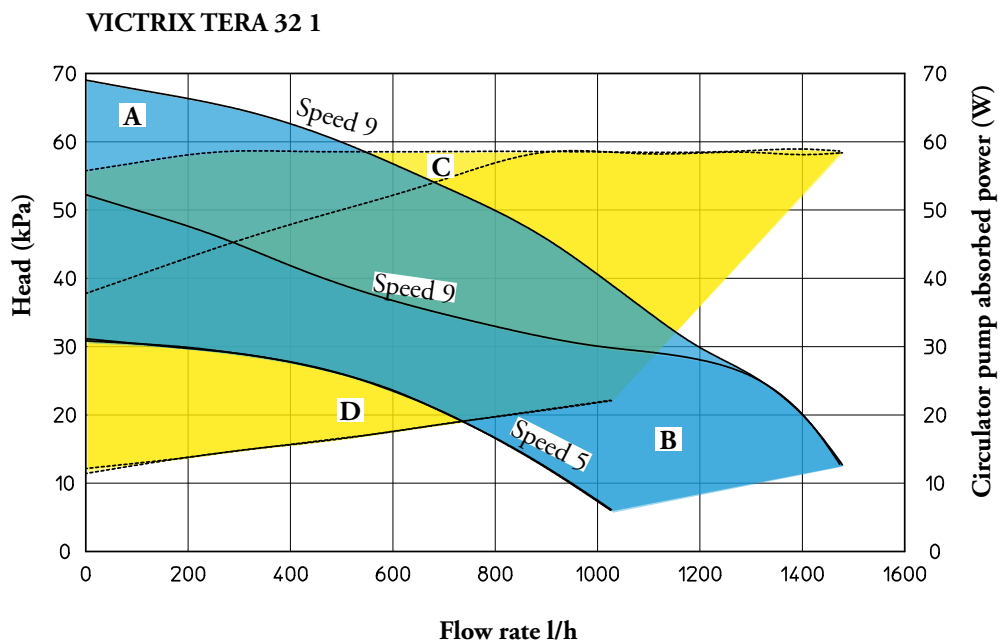
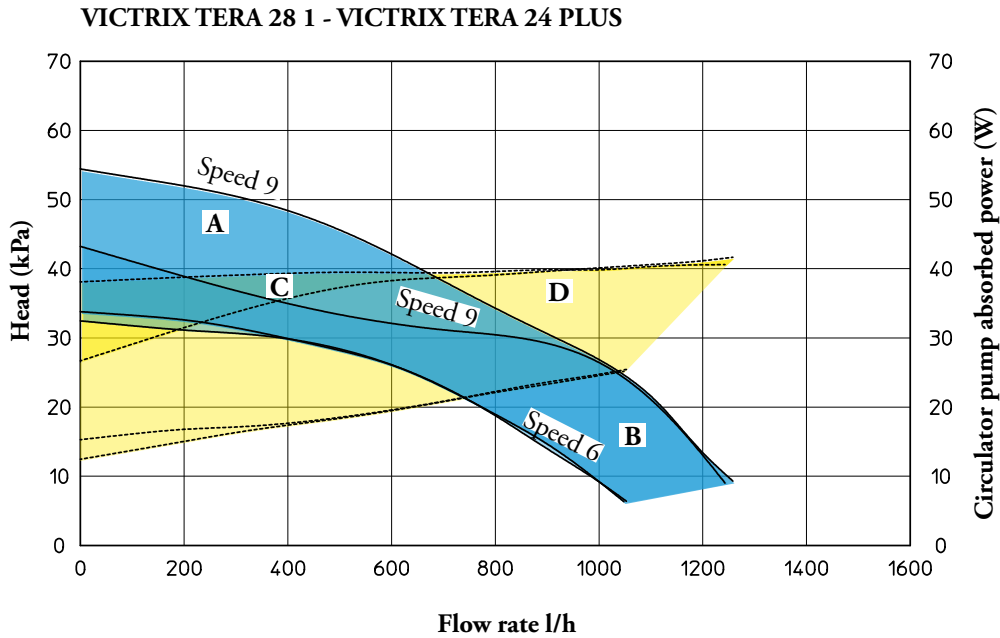
10 UB INOX SOLAR 200 V2 STORAGE TANK UNIT MAIN COMPONENTS

UB INOX SOLAR 200 V2



KEY:

- | | |
|---------------------------------------|--|
| 1 - DHW circuit mixing valve | 10 - 6 bar safety valve |
| 2 - Stainless steel coil boiler | 11 - Solar circulator pump |
| 3 - DHW probe | 12 - Thermometer probe |
| 4 - DHW expansion vessel | 13 - Flow meter |
| 5 - Magnesium anode | 14 - Solar expansion vessel |
| 6 - Domestic hot water unabling probe | 15 - Solar coil |
| 7 - 8 bar safety valve | 16 - Solar panels probe |
| 8 - Storage tank draining valve | 17 - Storage tank unit electric connections terminal board |
| 9 - Shut-off valve with thermometer | |



KEY:

- A+B** = Head available with bypass closed
- B** = Head available with bypass open
- C+D** = Power absorbed by the pump with bypass closed (dotted area)
- D** = Power absorbed by the pump with by-pass open (dotted area)

VICTRIX TERA

11.1

SETTINGS AND PUMP SETTINGS

The “VICTRIX TERA” and VICTRIX TERA PLUS” boilers are supplied with a variable speed pump.

During central heating mode, the Auto and Fixed operating modes are available.

- **Proportional head:** the automatic circulator pump speed and proportional head: The automatic circulator pump speed varies according to the power emitted by the burner; the greater the power, the greater the speed. Moreover, within the parameter, one can also adjust the circulator pump operating range by setting the maximum speed “A3” parameter (adjustable from 5 to 9) and the “A4” minimum speed parameter (adjustable from 5 to the max. set speed). Thanks to this function, the electric power consumption of the circulator pump is reduced further: the pump absorption decreases according to the pressure level and flow rate. With this setting, the pump guarantees optimal performance in most heating systems, thereby being particularly suitable in single-pipe and two-pipe installations. Any noise originating from the water flow in the pipes, valves and radiators is eliminated by reducing the head. Optimal conditions for thermal comfort and acoustic well-being.

- **ΔT Constant ($\Delta T = 5 \div 25 K$):** the pump speed varies to maintain the ΔT constant between the system flow and return according to set value K (**$\Delta T = 15$ Default**).

- **Fixed (5 ÷ 9):** by setting parameters “A3” and “A4” at the same value, the pump operates at constant speed. With these settings, the circulator pump is suitable for all floor systems where all the circuits must be balanced for the same pressure drop.

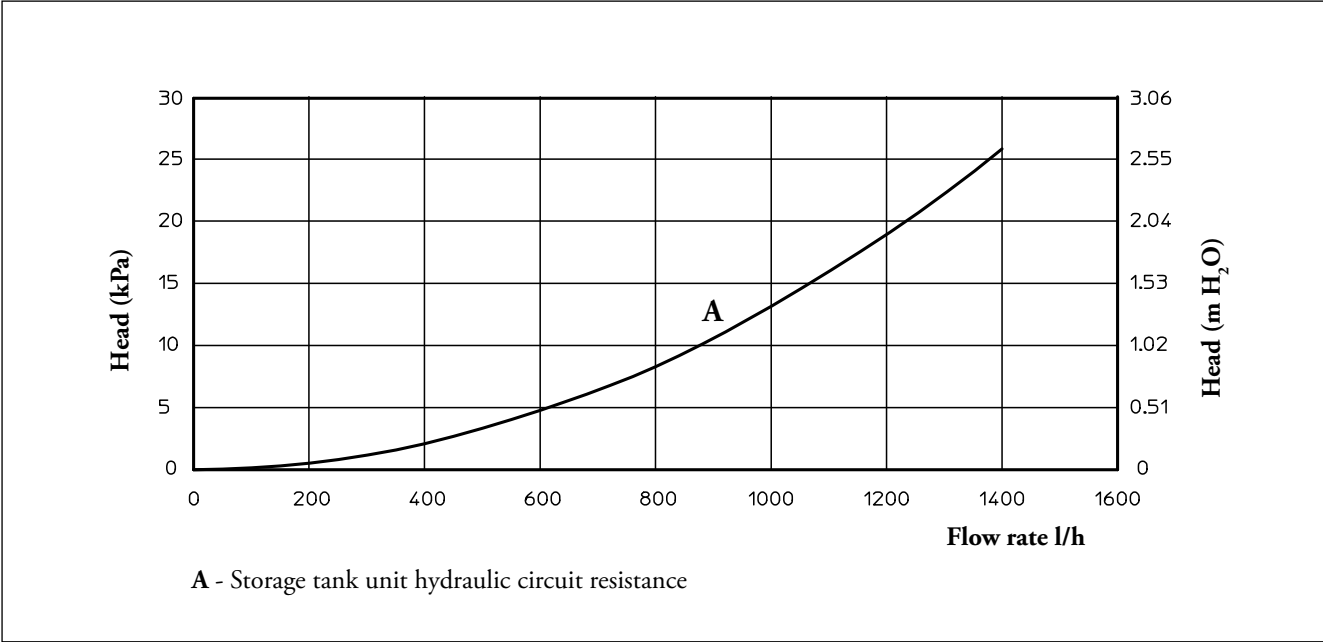
N.B.: for the boiler to work properly, it is not allowed to drop below the minimum value indicated above (speed 5).

In domestic hot water mode, the circulator pump always runs at full speed.

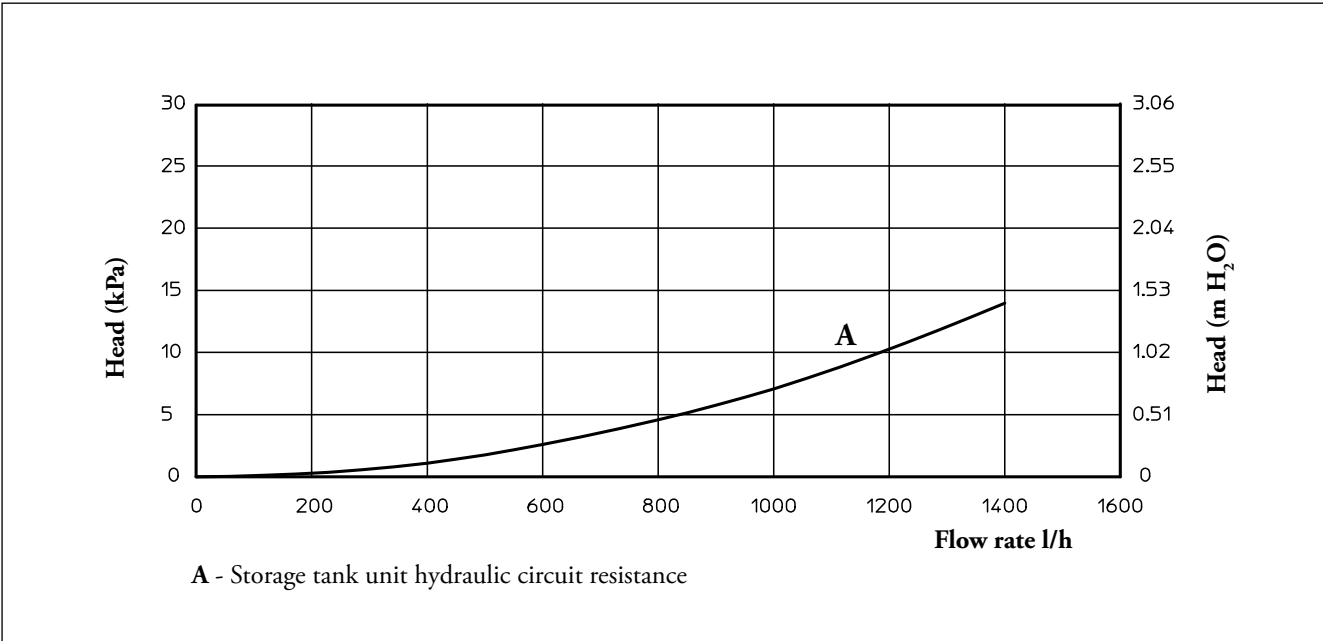
12 STORAGE TANKS HYDRAULIC LOSSES

In order to guarantee sufficient DHW flow rate, it is important to consider the resistance of the storage tank hydraulic circuit to be coupled to the boiler. In order to connect the storage tank unit to Immergas boilers properly, refer to the boiler instruction book.

12.1 UB INOX 80 V2

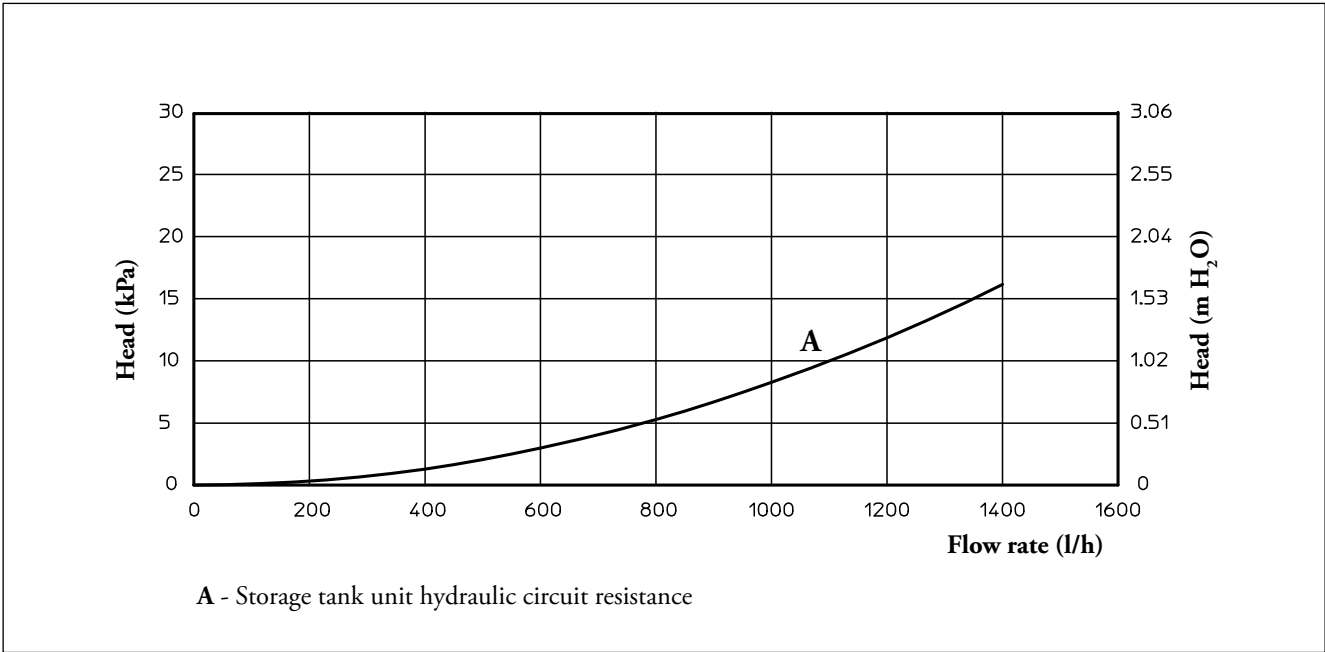


12.2 UB INOX 120 V2

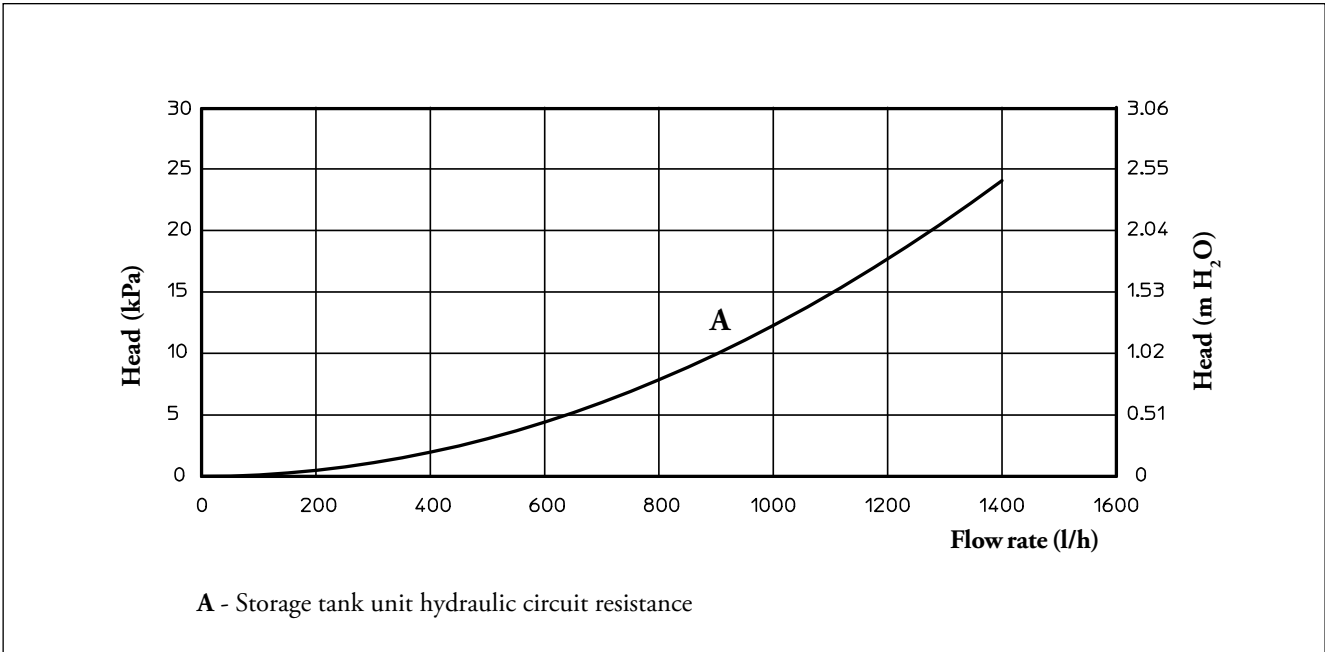


VICTRIX TERA PLUS

12.3 **UB INOX 200 V2**



12.4 **UB INOX SOLAR 200 V2**



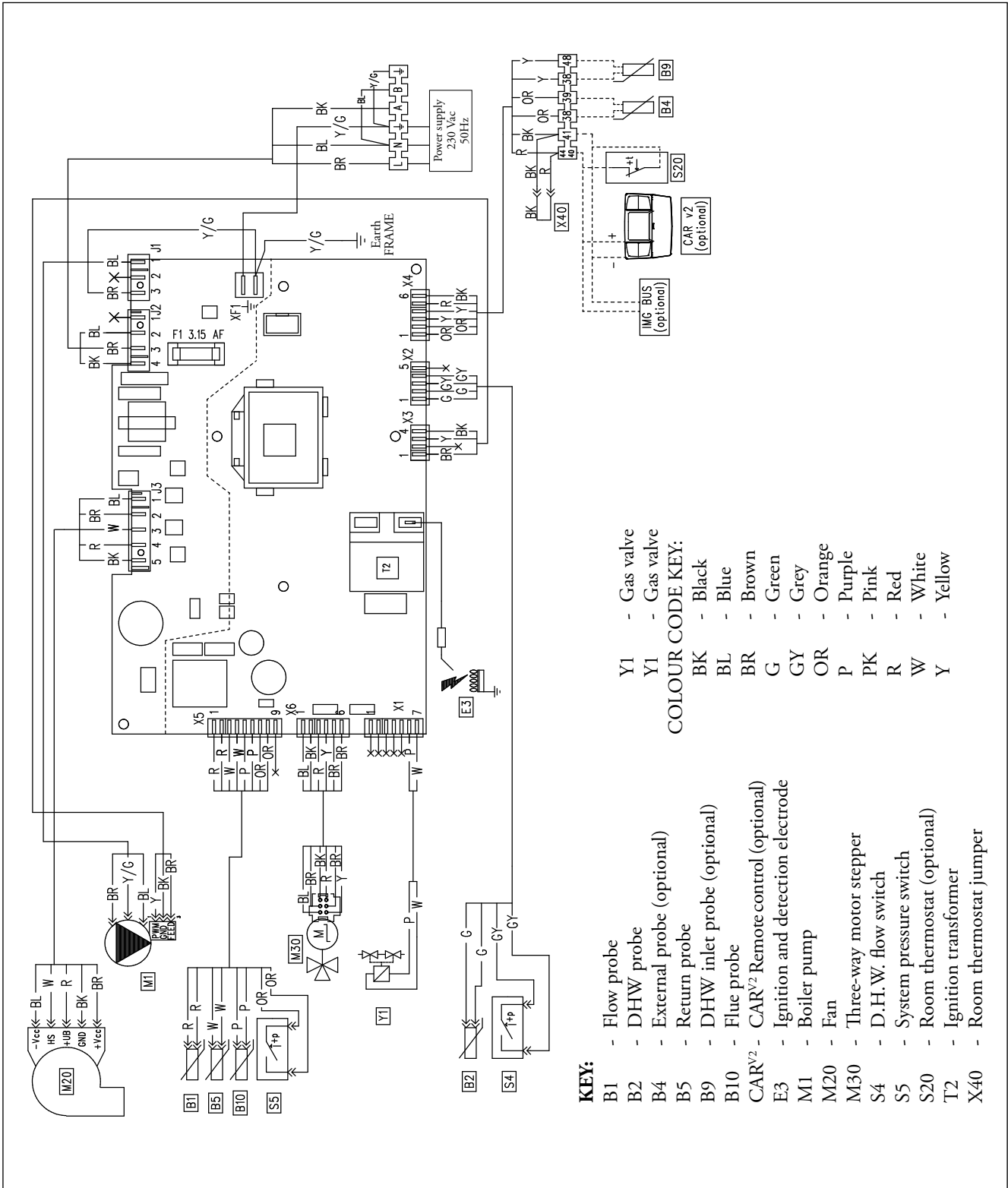
ROOM THERMOSTAT OR REMOTE CONTROL

The boiler is set-up for the application of the remote control (CAR^{v2}) which must be connected to clamps 41 and 44/41, by observing polarity and eliminating jumper X40.

The boiler is prepared for the application of the Room Thermo-

stat (S20) to be connected on clamps 44/40 and 41 eliminating jumper X40.

The External probe (B4) must be connected to clamps 38 and 39.



VICTRIX TERA PLUS

14 VICTRIX TERA PLUS WIRING DIAGRAM

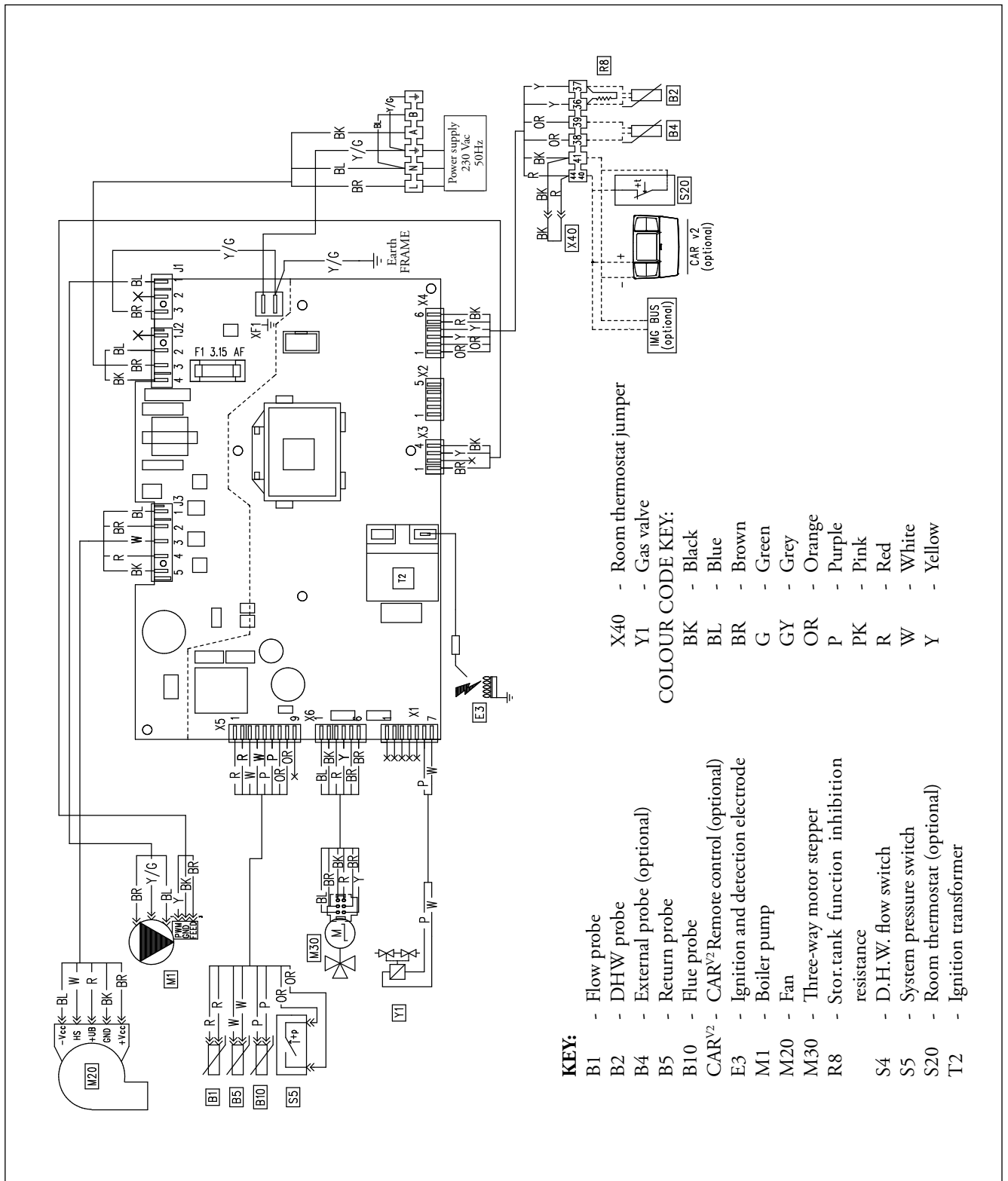
ROOM THERMOSTAT OR REMOTE CONTROL

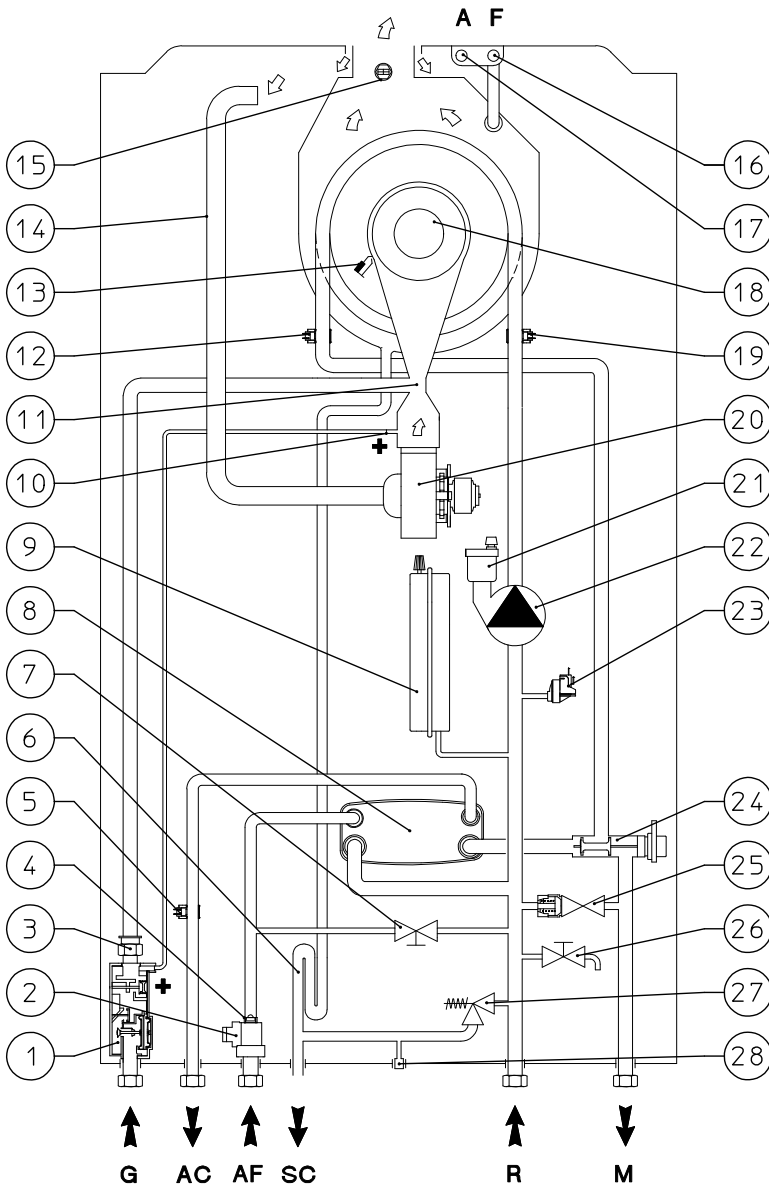
The boiler is set-up for the application of the remote control (CAR^{V2}) which must be connected to clamps 41 and 44/40, by observing polarity and eliminating jumper X40.

The boiler is prepared for the application of the Room Thermo-

stat (S20) to be connected on clamps 44/40 and 41 eliminating jumper X40.

The External probe (B4) must be connected to clamps 38 and 39.





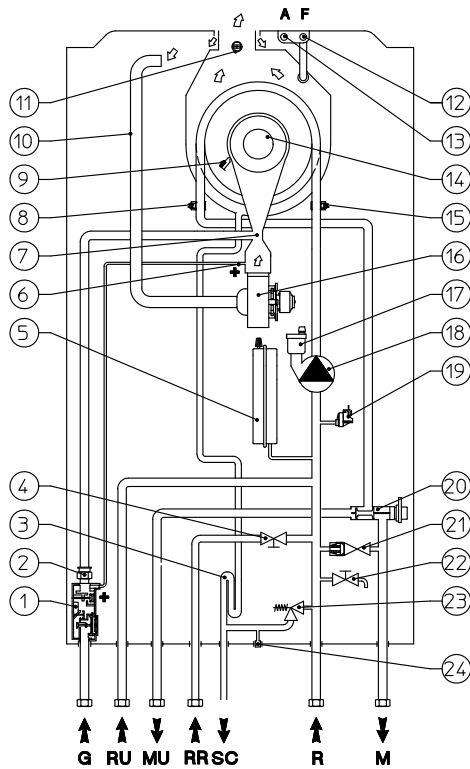
KEY:

- 1 - Gas valve
- 2 - D.H.W. flow switch
- 3 - Gas nozzle
- 4 - Flow limiter
- 5 - DHW probe
- 6 - Condensate drain trap
- 7 - System filling valve
- 8 - DHW heat exchanger
- 9 - System expansion vessel
- 10 - Positive (+) pressure point
- 11 - Venturi
- 12 - Flow probe
- 13 - Ignition/detection electrodes
- 14 - Air intake pipe
- 15 - Flue probe
- 16 - Flue sample point
- 17 - Air sample point
- 18 - Burner
- 19 - Return probe
- 20 - Fan
- 21 - Air vent valve
- 22 - Boiler pump
- 23 - Absolute pressure switch
- 24 - 3-way valve (motorised)
- 25 - By-pass
- 26 - System draining valve
- 27 - 3 bar safety valve
- 28 - 3 bar safety valve drain fitting signal

VICTRIX TERA PLUS

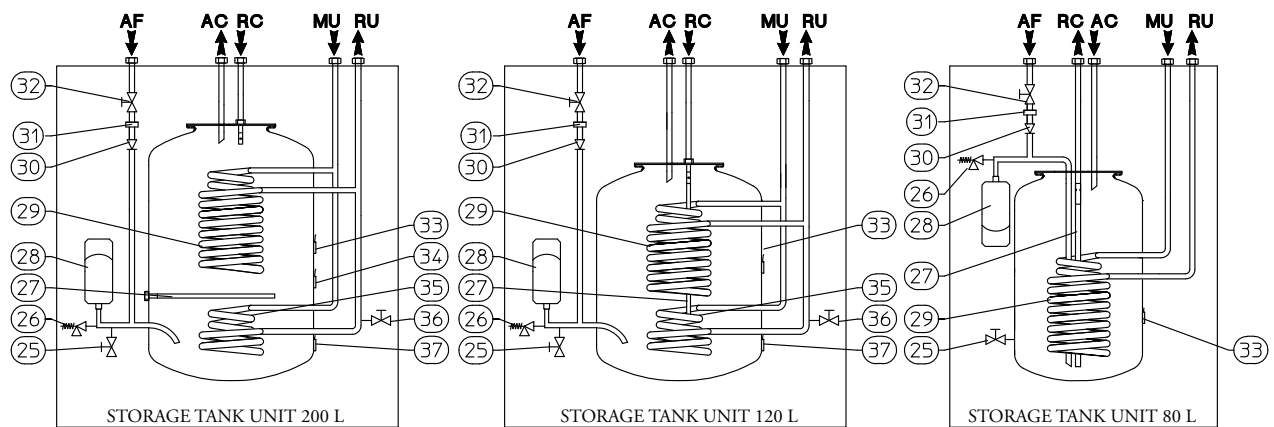
16

HYDRAULIC DIAGRAM VICTRIX TERA PLUS with UB INOX V2



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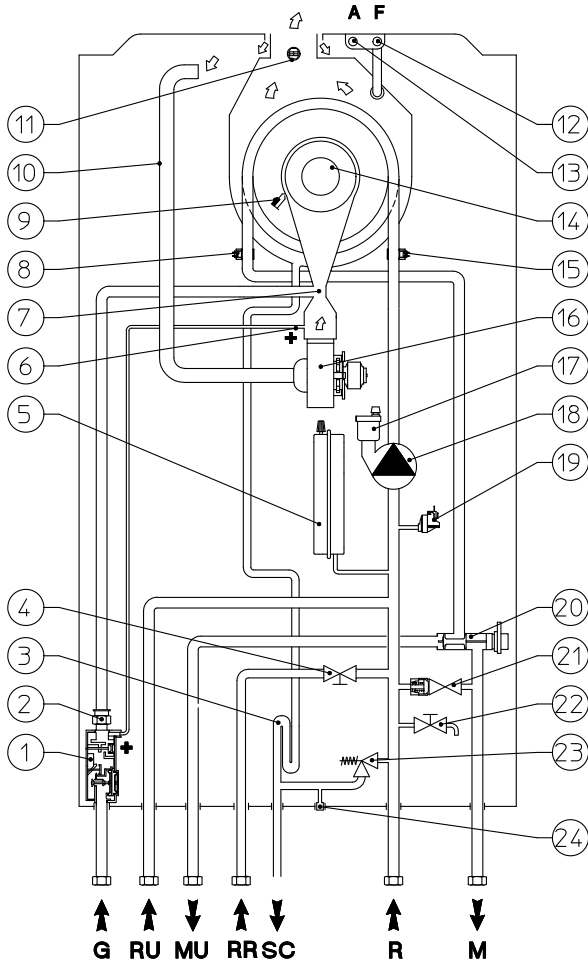
- 1 - Gas valve
- 2 - Gas nozzle
- 3 - Condensate drain trap
- 4 - Filling cock / tap
- 5 - System expansion vessel
- 6 - Positive (+) pressure point
- 7 - Venturi
- 8 - Flow probe
- 9 - Ignition/detection electrodes
- 10 - Air intake pipe
- 11 - Flue probe
- 12 - Flue sample point
- 13 - Air sample point
- 14 - Burner
- 15 - Return probe
- 16 - Fan
- 17 - Air vent valve
- 18 - Pump
- 19 - Absolute pressure switch
- 20 - 3-way valve (motorised)
- 21 - By-pass
- 22 - System draining valve
- 23 - 3 bar safety valve
- 24 - 3 bar safety valve drain fitting signal



KEY:

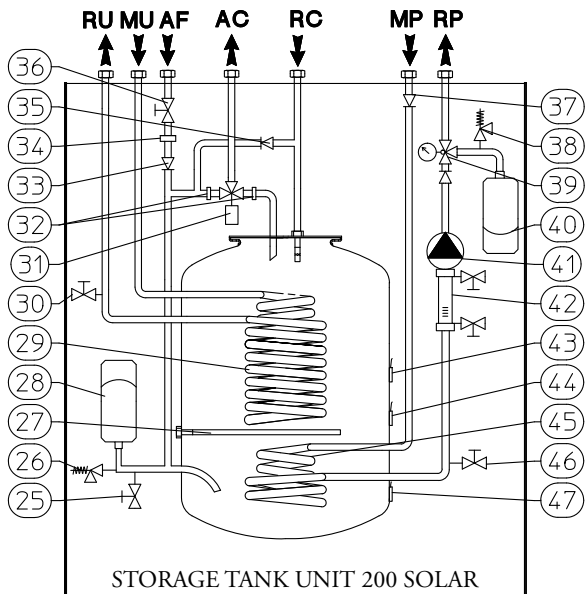
- 25 - Storage tank unit draining valve
- 26 - 8 bar safety valve
- 27 - Magnesium anode
- 28 - D.H.W. expansion vessel
- 29 - Stainless steel coil for storage tank
- 30 - One-way valve (OV 20)
- 31 - Cold water inlet filter
- 32 - Cold water inlet cock
- 33 - DHW probe
- 34 - Domestic inhibition probe (Optional)
- 35 - Stainless steel coil that can be coupled to solar panels
- 36 - System draining valve
- 37 - Solar panels probe (Optional)

17 HYDRAULIC DIAGRAM VICTRIX TERA PLUS with UB INOX SOLAR 200 V2



KEY:

- 1 - Gas valve
- 2 - Gas nozzle
- 3 - Condensate drain trap
- 4 - Filling cock / tap
- 5 - System expansion vessel
- 6 - Positive (+) pressure point
- 7 - Venturi
- 8 - Flow probe
- 9 - Ignition/detection electrodes
- 10 - Air intake pipe
- 11 - Flue probe
- 12 - Flue sample point
- 13 - Air sample point
- 14 - Burner
- 15 - Return probe
- 16 - Fan
- 17 - Air vent valve
- 18 - Pump
- 19 - Absolute pressure switch
- 20 - 3-way valve (motorised)
- 21 - By-pass
- 22 - System draining valve
- 23 - 3 bar safety valve
- 24 - 3 bar safety valve drain fitting signal
- 25 - Storage tank draining valve
- 26 - 8 bar safety valve
- 27 - Magnesium anode
- 28 - Domestic hot water expansion vessel
- 29 - Stainless steel coil for storage tank
- 30 - System draining valve
- 31 - DHW circuit mixing valve
- 32 - Mixing valve filter
- 33 - One-way valve (OV 20)
- 34 - Cold water inlet filter
- 35 - One-way valve (OV 15) (Optional)
- 36 - Cold water inlet cock
- 37 - One-way solar valve
- 38 - 6 bar safety valve
- 39 - Shut-off valve with thermometer
- 40 - Solar expansion vessel
- 41 - Solar circulator pump
- 42 - Flow meter
- 43 - DHW probe
- 44 - Domestic hot water unabling probe
- 45 - Stainless steel coil that can be coupled to solar panels
- 46 - Solar system draining valve
- 47 - Solar panel probe



VICTRIX TERA

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VICTRIX TERA 28 1 TECHNICAL DATA

Domestic hot water maximum heating power		kW (kcal/h)	28.8 (24.773)
Central heating maximum heat input		kW (kcal/h)	24.6 (21.194)
DHW maximum useful heat output		kW (kcal/h)	28.3 (24.295)
CH maximum useful heat output		kW (kcal/h)	24.1 (20.717)
Minimum nominal heat input		kW (kcal/h)	4.5 (3.862)
Minimum nominal heat output		kW (kcal/h)	4.3 (3.689)
Efficiency at 100% P _n (80/60°C)		%	97.8
Efficiency at 30% of the load (80/60°C)		%	102.3
Efficiency at 100% P _n (50/30°C)		%	106.1
Efficiency at 30% of the load (50/30°C)		%	108.3
Efficiency at 100% P _n (40/30°C)		%	108.2
Efficiency at 30% of the load (40/30°C)		%	108.3
Central heating circuit			
Adjustable central heating temperature (min. / max)		°C	min. 20 - 50 / max 85
System max. working temperature		°C	90
System max. working pressure		bar	3
System expansion vessel nominal/(real) capacity		litres	8.0 / (5.8)
System expansion vessel factory-set pressure		bar	1.0
Head available with 1000 l/h flow rate		kPa (m H ₂ O)	26.4 (2.7)
DHW circuit			
Hot water production useful heat output		kW (kcal/h)	28.3 (24.295)
DHW adjustable temperature		°C	30 - 60
Domestic hot water circuit min. dynamic pressure		bar	0.3
Domestic hot water circuit / DHW Circuit max. pressure		bar	8
D.H.W. min. withdrawal		litres/min	1.5
Flow rate in continuous service (ΔT 30°C)		litres/min	13.7
Gas supply			
Gas flow rate at burner (G20)	MIN - MAX	m ³ /h	0.48 - 2.61 (3.05 DHW)
Gas flow rate at burner (G31)	MIN - MAX	kg/h	0.35 - 1.91 (2.24 DHW)
Electric power supply		V/Hz	230 - 50
Nominal power absorption		A	0.60
Installed electric power		W	80
Power absorbed by pump max speed		W	41
Power absorbed in stand-by		W	2
Electric insulation rating	IP		X5D
Boiler water content		litres	2.2
Weight of empty boiler		kg	33.6

18.1
VICTRIX TERA 32 1 TECHNICAL DATA

Domestic hot water maximum heating power		kW (kcal/h)	32.6 (28.047)
Central heating maximum heat input		kW (kcal/h)	28.6 (24.588)
DHW maximum useful heat output		kW (kcal/h)	32.0 (27.520)
CH maximum useful heat output		kW (kcal/h)	28.0 (24,080)
Minimum nominal heat input		kW (kcal/h)	5.1 (4,413)
Minimum nominal heat output		kW (kcal/h)	4.9 (4,214)
Efficiency at 100% Pn (80/60°C)		%	97.9
Efficiency at 30% of the load (80/60°C)		%	102.1
Efficiency at 100% Pn (50/30°C)		%	106.0
Efficiency at 30% of the load (50/30°C)		%	108.4
Efficiency at 100% Pn (40/30°C)		%	107.9
Efficiency at 30% of the load (40/30°C)		%	108.4
Central heating circuit			
Adjustable central heating temperature (min. / max)		°C	min. 20 - 50 / max 85
System max. working temperature		°C	90
System max. working pressure		bar	3
System expansion vessel nominal/(real) capacity		litres	10.0 / (6.4)
System expansion vessel factory-set pressure		bar	1.0
Head available with 1000 l/h flow rate		kPa (m H ₂ O)	30.1 (3.1)
DHW circuit			
Hot water production useful heat output		kW (kcal/h)	32.0 (27.520)
DHW adjustable temperature		°C	30 - 60
Domestic hot water circuit min. dynamic pressure		bar	0.3
Domestic hot water circuit / DHW Circuit max. pressure		bar	8
D.H.W. min. withdrawal		litres/min	1.5
Flow rate in continuous service (ΔT 30°C)		litres/min	15.3
Gas supply			
Gas flow rate at burner (G20)	MIN - MAX	m ³ /h	0.54 - 3.03 (3.45 DHW)
Gas flow rate at burner (G31)	MIN - MAX	kg/h	0.40 - 2.22 (2.53 DHW)
Electric power supply		V/Hz	230 - 50
Nominal power absorption		A	0.76
Installed electric power		W	105
Power absorbed by pump max speed		W	51
Power absorbed in stand-by		W	2
Electric insulation rating	IP		X5D
Boiler water content		litres	2.41
Weight of empty boiler		kg	35.5

VICTRIX TERA PLUS

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VICTRIX TERA 24 PLUS TECHNICAL DATA

Domestic hot water maximum nominal heat input		kW (kcal/h)	28.8 (24.773)
Central heating maximum heat input		kW (kcal/h)	24.6 (21.194)
DHW maximum useful heat output		kW (kcal/h)	28.3 (24.295)
CH maximum useful heat output		kW (kcal/h)	24.1 (20.717)
Minimum nominal heat input		kW (kcal/h)	4.5 (3.862)
Minimum nominal heat output		kW (kcal/h)	4.3 (3.689)
Efficiency at 100% Pn (80/60°C)		%	97.8
Efficiency at 30% of the load (80/60°C)		%	102.3
Efficiency at 100% Pn (50/30°C)		%	106.1
Efficiency at 30% of the load (50/30°C)		%	108.3
Efficiency at 100% Pn (40/30°C)		%	108.2
Efficiency at 30% of the load (40/30°C)		%	108.3
Central heating circuit			
Adjustable central heating temperature (min. / max.)		°C	Min. 20 - 50 / Max. 85
System max. working temperature		°C	90
System max. working pressure		bar	3
System expansion vessel nominal/(real) capacity		litres	8.0 / (5.8)
System expansion vessel factory-set pressure		bar	1.0
Head available with 1000 l/h flow rate		kPa (m H ₂ O)	26.4 (2.7)
DHW circuit			
Hot water production useful heat output		kW (kcal/h)	28.3 (24.295)
DHW adjustable temperature		°C	10 - 60
Domestic hot water circuit max. pressure		bar	8
Specific flow rate x 10 min. (Δt 30°C) UB INOX 80 V2		litres/min	20.9
Specific flow rate x 10 min. (Δt 30°C) UB INOX 120 V2		litres/min	26.6
Specific flow rate x 10 min. (Δt 30°C) UB INOX 200 V2		litres/min	35.4
Flow rate in continuous service (ΔT 30°C)		litres/min	13.7
DHW expansion vessel capacity		litres	4 (UB 80 V2) / 5 (UB 120 V2) / 8 (UB 200 V2)
DHW expansion vessel factory-set pressure		bar	2.5 (for all Storage tank units)
Gas supply			
Gas flow rate at burner (G20)	MIN - MAX	m ³ /h	0.48 - 2.61 (3.05 DHW)
Gas flow rate at burner (G31)	MIN - MAX	kg/h	0.35 - 1.91 (2.24 DHW)
Electric power supply		V/Hz	230 - 50
Nominal power absorption		A	0.60
Installed electric power		W	80
Power absorbed by pump max speed		W	41
Power absorbed in stand-by		W	2
Electric insulation rating	IP		X5D
Boiler water content		litres	1.8
Stainless steel storage tank capacity		litres	84 (UB 80 V2) / 129 (UB 120 V2) / 199 (UB 200 V2)
Empty storage tank unit weight		kg	70.9 (UB 80 V2) / 78.9 (UB 120 V2) 99.4 (UB 200 V2) / 106.1 (UB SOLAR 200 V2)
Weight of empty boiler		kg	32.0

20	COMBUSTION FEATURES VICTRIX TERA 28 1
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		(G20)	(G31)
Combustion efficiency 100% Pn (80/60°C)	%	98.3	98.3
Combustion efficiency P min (80/60°C)	%	97.8	97.8
Effective efficiency at 100% Pn (80/60°C)	%	98.1	98.1
Effective efficiency P min (80/60°C)	%	95.5	95.5
Effective efficiency at 100% Pn (50/30°C)	%	106.4	106.4
Effective efficiency P min (50/30°C)	%	106.1	106.1
Effective efficiency at 100% Pn (40/30°C)	%	108.3	108.3
Effective efficiency P min (40/30°C)	%	108.3	108.3
Chimney losses with burner on (100% Pn) (80/60°C)	%	1.7	1.7
Chimney losses with burner on (P min) (80/60°C)	%	2.2	2.2
Chimney losses with burner off	%	0.02	0.02
Casing losses with burner on (100% Pn) (80/60°C)	%	0.2	0.2
Casing losses with burner on (Pmin) (80/60°C)	%	2.3	2.3
Casing losses with burner off	%	0.34	0.34
Flue gas temperature Maximum Heat Input	°C	70	70
Flue gas temperature Minimum Heat Input	°C	64	63
Flue flow rate at Central Heating Maximum Heat Input	kg/h	38	38
Flue flow rate at Maximum Domestic Hot Water Heat Input	kg/h	44	45
Flue flow rate at Minimum Heat Input	kg/h	8	7
CO ₂ at the Maximum Central Heating Heat Input	%	9.70	11.00
CO ₂ at Maximum Domestic Hot Water Heat Input	%	9.70	11.00
CO ₂ at Minimum Heat Input	%	8.80	10.20
CO at Maximum Heat Input	mg/kWh	321	316
CO at Minimum Heat Input	mg/kWh	5	5
NO _x at the Maximum Heat Input	mg/kWh	57	58
NO _x at Minimum Heat Input	mg/kWh	27	35
Weighted CO	mg/kWh	20	-
Weighted NO _x	mg/kWh	35	-
NO _x class	-	6	6
Intake / exhaust available head (Min. - Max.)	Pa	2 - 240	

Gas flow rates refer to the NHV at the temperature of 15° C and pressure of 1013 mbar.

Flue temperature values refer to an air inlet temperature of 15°C and flow/return temperature = 80/60°C.

VICTRIX TERA

20.1 COMBUSTION FEATURES VICTRIX TERA 32 1

		(G20)	(G31)
Combustion efficiency 100% Pn (80/60°C)	%	97.8	97.8
Combustion efficiency P min (80/60°C)	%	97.7	97.7
Effective efficiency at 100% Pn (80/60°C)	%	98.1	98.1
Effective efficiency P min (80/60°C)	%	95.5	95.5
Effective efficiency at 100% Pn (50/30°C)	%	106.2	106.2
Effective efficiency P min (50/30°C)	%	108.2	108.2
Effective efficiency at 100% Pn (40/30°C)	%	107.9	107.9
Effective efficiency P min (40/30°C)	%	108.2	108.2
Chimney losses with burner on (100% Pn) (80/60°C)	%	2.2	2.2
Chimney losses with burner on (P min) (80/60°C)	%	2.3	2.3
Chimney losses with burner off	%	0.02	0.02
Casing losses with burner on (100% Pn) (80/60°C)	%	0.3	0.3
Casing losses with burner on (P min) (80/60°C)	%	2.2	2.2
Casing losses with burner off	%	0.30	0.30
Flue gas temperature Maximum Heat Input	°C	57	60
Flue gas temperature Minimum Heat Input	°C	58	60
Flue flow rate at Central Heating Maximum Heat Input	kg/h	45	44
Flue flow rate at Maximum Domestic Hot Water Heat Input	kg/h	51	50
Flue flow rate at Minimum Heat Input	kg/h	9	9
CO ₂ at the Maximum Central Heating Heat Input	%	9.50	11.20
CO ₂ at Maximum Domestic Hot Water Heat Input	%	9.50	11.20
CO ₂ at Minimum Heat Input	%	8.60	10.00
CO at Maximum Heat Input	mg/kWh	267	453
CO at Minimum Heat Input	mg/kWh	2	2
NO _x at the Maximum Heat Input	mg/kWh	56	75
NO _x at Minimum Heat Input	mg/kWh	18	27
Weighted CO	mg/kWh	15	-
Weighted NO _x	mg/kWh	30	-
NO _x class	-	6	6
Intake / exhaust available head (Min. - Max.)	Pa	2 - 300	

Gas flow rates refer to the NHV at the temperature of 15° C and pressure of 1013 mbar.

Flue temperature values refer to an air inlet temperature of 15°C and flow/return temperature = 80/60°C.

21 COMBUSTION FEATURES VICTRIX TERA 24 PLUS

		(G20)	(G31)
Combustion efficiency 100% Pn (80/60°C)	%	98.3	98.3
Combustion efficiency P min (80/60°C)	%	97.8	97.8
Effective efficiency at 100% Pn (80/60°C)	%	98.1	98.1
Effective efficiency P min (80/60°C)	%	95.5	95.5
Effective efficiency at 100% Pn (50/30°C)	%	106.4	106.4
Effective efficiency P min (50/30°C)	%	106.1	106.1
Effective efficiency at 100% Pn (40/30°C)	%	108.3	108.3
Effective efficiency P min (40/30°C)	%	108.3	108.3
Chimney losses with burner on (100% Pn) (80/60°C)	%	1.7	1.7
Chimney losses with burner on (P min) (80/60°C)	%	2.2	2.2
Chimney losses with burner off	%	0.02	0.02
Casing losses with burner on (100% Pn) (80/60°C)	%	0.2	0.2
Casing losses with burner on (Pmin) (80/60°C)	%	2.3	2.3
Casing losses with burner off	%	0.34	0.34
Flue gas temperature Maximum Heat Input	°C	70	70
Flue gas temperature Minimum Heat Input	°C	64	63
Flue flow rate at Central Heating Maximum Heat Input	kg/h	38	38
Flue flow rate at Maximum Domestic Hot Water Heat Input	kg/h	44	45
Flue flow rate at Minimum Heat Input	kg/h	8	7
CO ₂ at the Maximum Central Heating Heat Input	%	9.70	11.00
CO ₂ at Maximum Domestic Hot Water Heat Input	%	9.70	11.00
CO ₂ at Minimum Heat Input	%	8.80	10.20
CO at Maximum Heat Input	mg/kWh	321	316
CO at Minimum Heat Input	mg/kWh	5	5
NO _x at the Maximum Heat Input	mg/kWh	57	58
NO _x at Minimum Heat Input	mg/kWh	27	35
Weighted CO	mg/kWh	20	-
Weighted NO _x	mg/kWh	35	-
NO _x class	-	6	6
Intake / exhaust available head (Min. - Max.)	Pa	2 - 240	

NOTE: The VICTRIX TERA PLUS boilers can also operate with propane air.

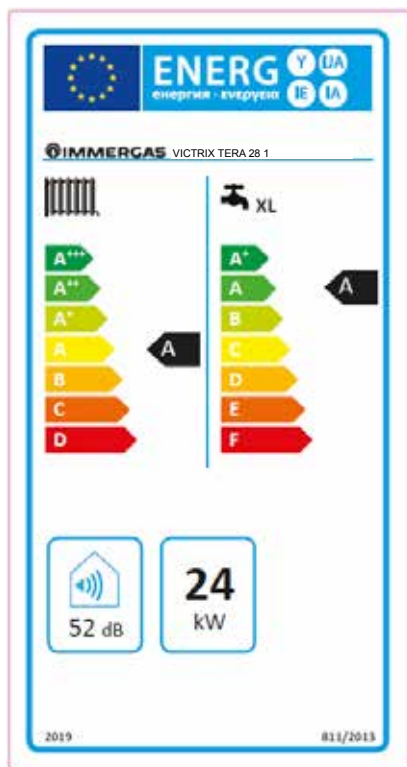
Gas flow rates refer to the NHV at the temperature of 15° C and pressure of 1013 mbar.

Flue temperature values refer to an air inlet temperature of 15°C and flow/return temperature = 80/60°C.

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PRODUCT FICHE (REGULATION 811/2013)



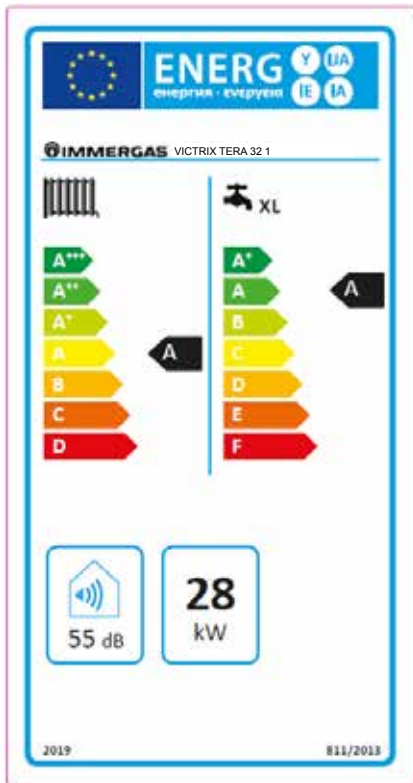
VICTRIX TERA 28 1

Parameter	value
Annual energy consumption for the central heating mode (Q_{HE})	1.5 GJ
Annual electricity consumption for the domestic hot water function (AEC)	27 kWh
Annual fuel consumption for the domestic hot water function (AFC)	17 GJ
Room central heating seasonal efficiency (η_s)	93 %
Water heating energy efficiency (η_{wh})	87 %

24.1 TECHNICAL PARAMETERS FOR COMBINATION BOILERS (REGULATION 813/2013)

Efficiencies in the following tables refer to the gross calorific value.

Model/s:				VICTRIX TERA 28 1				
Condensing Boilers:				YES				
Low temperature boiler:				NO				
Boiler type B1:				NO				
Co-generation appliance for central heating:				NO		Fitted with supplementary heating system:		NO
Mixed heating appliance:				YES				
Element	Symbol	Value	Unit	Element	Symbol	Value	Unit	
Nominal heat output	P_n	24	kW	Seasonal energy efficiency of central heating	η_s	93	%	
For heating only boilers and combination boilers: useful heat output				For central heating only and combination boilers: effective efficiency				
At nominal heat output in high temperature mode (*)	P_4	24.0	kW	At nominal heat output in high temperature mode (*)	η_4	88.1	%	
At 30% of nominal heat output in a low temperature mode (**)	P_1	8.0	kW	At 30% of nominal heat output in a low temperature mode (**)	η_1	97.6	%	
Auxiliary electricity consumption				Other items				
At full load	el_{max}	0.010	kW	Heat loss in standby	P_{stby}	0.057	kW	
At partial load	el_{min}	0.005	kW	Ignition burner energy consumption	P_{ign}	0.000	kW	
In standby mode	P_{SB}	0.002	kW	Emissions of nitrogen oxides	NO_x	35	mg / kWh	
For combination central heating appliances								
Stated load profile	XL			Domestic hot water production efficiency	η_{WH}	87	%	
Daily electrical power consumption	Q_{elec}	0.122	kWh	Daily gas consumption	Q_{fuel}	22.406	kWh	
Contact information	IMMERGAS S.p.A. VIA CISA LIGURE, 95 - 42041 BRESCELLO (RE) ITALY							
(*) High temperature mode means 60°C on return and 80°C on flow.								
(**) Low temperature mode for condensation Boilers means 30°C, for low temperature boilers 37°C and for other appliances 50°C of return temperature.								



VICTRIX TERA 32 1

Parameter	value
Annual energy consumption for the central heating mode (Q_{HE})	1.5 GJ
Annual electricity consumption for the domestic hot water function (AEC)	29 kWh
Annual fuel consumption for the domestic hot water function (AFC)	17 GJ
Room central heating seasonal efficiency (η_s)	93 %
Water heating energy efficiency (η_{wh})	87 %

25.1 TECHNICAL PARAMETERS FOR COMBINATION BOILERS (REGULATION 813/2013)

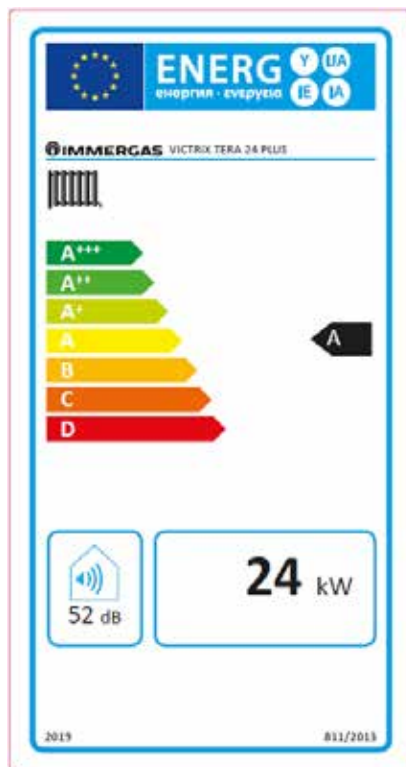
Efficiencies in the following tables refer to the gross calorific value.

Model/s:				VICTRIX TERA 32 1				
Condensing Boilers:				YES				
Low temperature boiler:				NO				
Boiler type B1:				NO				
Co-generation appliance for central heating:				NO		Fitted with supplementary heating system:		NO
Mixed heating appliance:				YES				
Element	Symbol	Value	Unit	Element	Symbol	Value	Unit	
Nominal heat output	P_n	28	kW	Seasonal energy efficiency of central heating	η_s	93	%	
For heating only boilers and combination boilers: useful heat output				For central heating only and combination boilers: effective efficiency				
At nominal heat output in high temperature mode (*)	P_4	28.0	kW	At nominal heat output in high temperature mode (*)	η_4	87.9	%	
At 30% of nominal heat output in a low temperature mode (**)	P_1	9.29	kW	At 30% of nominal heat output in a low temperature mode (**)	η_1	97.6	%	
Auxiliary electricity consumption				Other items				
At full load	el_{max}	0.012	kW	Heat loss in standby	P_{stby}	0.0057	kW	
At partial load	el_{min}	0.006	kW	Ignition burner energy consumption	P_{ign}	0.000	kW	
In standby mode	P_{SB}	0.002	kW	Emissions of nitrogen oxides	NO_x	30	mg / kWh	
For combination central heating appliances								
Stated load profile	XXL			Domestic hot water production efficiency	η_{WH}	87	%	
Daily electrical power consumption	Q_{elec}	0.131	kWh	Daily gas consumption	Q_{fuel}	22.362	kWh	
Contact information	IMMERGAS S.p.A. VIA CISA LIGURE, 95 - 42041 BRESCELLO (RE) ITALY							
(*) High temperature mode means 60°C on return and 80°C on flow.								
(**) Low temperature mode for condensation Boilers means 30°C , for low temperature boilers 37°C and for other appliances 50°C of return temperature.								

VICTRIX TERA PLUS

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PRODUCT FICHE (REGULATION 811/2013)









VICTRIX TERA 24 PLUS

Parameter	value
Annual energy consumption for the central heating mode (Q_{HE})	1.5 GJ
Annual electricity consumption for the domestic hot water function (AEC)	-
Annual fuel consumption for the domestic hot water function (AFC)	-
Room central heating seasonal efficiency (η_s)	93 %
Water heating energy efficiency (η_{wh})	-

26.1 TECHNICAL PARAMETERS FOR COMBINATION BOILERS (REGULATION 813/2013)

Efficiencies in the following tables refer to the gross calorific value.

Model/s:				VICTRIX TERA 24 PLUS			
Condensing Boilers:				YES			
Low temperature boiler:				NO			
Boiler type B1:				NO			
Co-generation appliance for central heating:				NO	Fitted with supplementary heating system:		NO
Mixed heating appliance:				NO			
Element	Symbol	Value	Unit	Element	Symbol	Value	Unit
Nominal heat output	P_n	24	kW	Seasonal energy efficiency of central heating	η_s	93	%
For heating only boilers and combination boilers: useful heat output				For central heating only and combination boilers: effective efficiency			
At nominal heat output in high temperature mode (*)	P_4	24.0	kW	At nominal heat output in high temperature mode (*)	η_4	88.1	%
At 30% of nominal heat output in a low temperature mode (**)	P_1	8.0	kW	At 30% of nominal heat output in a low temperature mode (**)	η_1	97.6	%
Auxiliary electricity consumption				Other items			
At full load	el_{max}	0.010	kW	Heat loss in standby	P_{stby}	0.057	kW
At partial load	el_{min}	0.005	kW	Ignition burner energy consumption	P_{ign}	0.000	kW
In standby mode	P_{sb}	0.002	kW	Emissions of nitrogen oxides	NO_x	35	mg / kWh
For combination central heating appliances							
Stated load profile	XL			Domestic hot water production efficiency	η_{WH}	0	%
Daily electrical power consumption	Q_{elec}	0.0	kWh	Daily gas consumption	Q_{fuel}	0	kWh
Contact information	IMMERGAS S.p.A. VIA CISA LIGURE, 95 - 42041 BRESCELLO (RE) ITALY						
(*) High temperature mode means 60°C on return and 80°C on flow.							
(**) Low temperature mode for condensation Boilers means 30°C, for low temperature boilers 37°C and for other appliances 50°C of return temperature.							

<p>CAR^{V2} product class V* or VI code 3.021395</p> 	<p>CAR^{V2} WIRELESS product class V* or VI code 3.021623</p> 
<p>CRONO 7 product class IV* or VII code 3.021622</p> 	<p>CRONO 7 WIRELESS product class IV* or VII code 3.021624</p> 
<p>Mini CRD product class V* or VI code 3.020167</p> 	<p>External probe product class II* or VI or VII code 3.014083</p> 

NOTE: Some thermoregulation product can have different classes.
For example the CAR^{V2} belongs by default to class "V", also adding the External probe the heat adjustment class becomes "VI".

* Product whit default setting.

REF. European Commission Notice 2014/C 207/02



6.2. Contribution to temperature controls of seasonal space heating energy efficiency of packages of space heaters, temperature control and solar devices or of packages of combination heaters, temperature control and solar devices

Class No.	I	II	III	IV	V	VI	VII	VIII
% Value	1	2	1.5	2	3	4	3.5	5

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OTHER OPTIONAL VICTRIX TERA

<p>Telephonic remote control code 3.013305</p> 	<p>GSM telephonic control code 3.017182</p> 
<p>Multi-zone electronic board kit code 3.028444</p>	<p>Mixing valve for multi-zone electronic board kit code 3.027084</p>
<p>Condensate discharge compact pump kit code 3.026374</p>	<p>Condensate neutralizer kit for single installation kit code 3.019857</p>
<p>Anti-freeze protection (-15°C) kit code 3.017324</p>	<p>Top cover kit code 3.027263</p>
<p>Anti-scale kit (indoor only) code 3.017323</p>	<p>Non return valve kit code 3.016301</p>
<p>Connection kit (for wall-hung / wall-mounted installation) code 3.019264</p>	<p>Additional 2 litres expansion vessel code 3.017514</p>
<p>All-purpose connection kit code 3.011667</p>	<p>Magnetic cyclone filter kit code 3.024176</p>
<p>Shut off knobs with filters kit code 3.015854</p>	<p>Shut off knobs kit code 3.5324</p>
<p>Safety thermostat kit code 3.019229</p>	<p>Bottom cover kit for condensing boilers code 3.027341</p>
<p>DOMINUS Interface kit code 3.026273</p>	<p>Solar probe kit (only if connection kit with copper pipes is present) code 3.021452</p>

The boiler is designed to be combined with DIM (Multi-system Distribution Manifold), available in recess or wall-hung versions, to manage homogeneous or mixed zone systems, managing the same areas only with CRONO 7 (no CAR^{V2}) and is not connectable to the signal state.

27	OTHER OPTIONAL VICTRIX TERA PLUS
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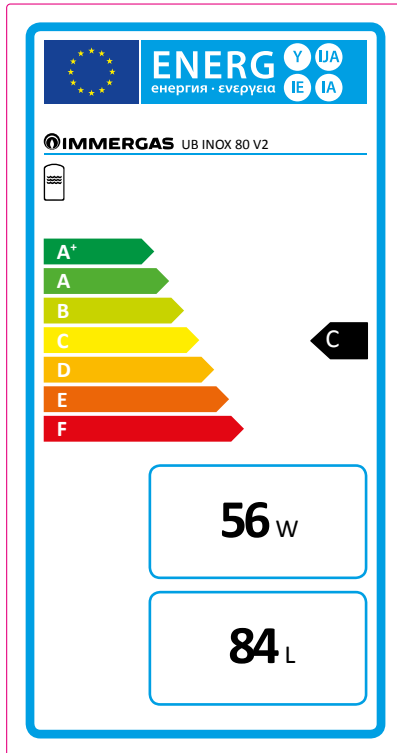
Telephonic remote control code 3.013305	GSM telephonic control code 3.017182
Safety thermostat kit code 3.019229	Anti-freeze protection (-15°C) kit code 3.017324
Multi-zone electronic board kit code 3.028444	Mixing valve for multi-zone electronic board kit code 3.027084
Condensate discharge compact pump kit code 3.026374	Condensate neutralizer kit for single installation kit code 3.019857
Shut off knobs with filters kit code 3.015854	Top cover kit code 3.027263
DOMINUS Interface kit code 3.026273	Magnetic cyclone filter kit code 3.024176
Connection kit for central heating / C.H. only code 3.024907	Connection kit for separate UB added code 3.024609
Additional 2 litres expansion vessel code 3.017514	Shut off knobs kit code 3.5324
Bottom cover kit for condensing boilers code 3.027341	
STORAGE TANK OPTIONAL	
UB INOX 80 V2 recirculation kit code 3.022198	UB INOX 120 V2 recirculation kit code 3.022199
UB INOX 200 V2 and UB INOX SOLAR 200 V2 recirculation kit code 3.022200	Recirculation connection kit for two UB INOX 120 V2 or two UB INOX 200 V2 in parallel code 3.022201
Solar panels connection kit UB INOX 120 V2 code 3.022197	Solar panels connection kit UB INOX 200 V2 code 3.022195
Solar panels connection kit for two UB INOX 120 V2 or two UB INOX 200 V2 in parallel code 3.022196	Connection kit for two UB INOX 120 V2 or two UB INOX 200 V2 in parallel code 3.022212
Solar control unit kit for UB INOX 120 V2 and UB INOX 200 V2 code 3.019097	Column attachment kit for UB INOX 120 V2 and UB INOX 200 V2 code 3.017325

The boiler is designed to be combined with DIM (Multi-system Distribution Manifold), available in recess or wall-hung versions, to manage homogeneous or mixed zone systems, managing the same areas only with CRONO 7 (no CAR^{v2}) and is not connectable to the signal state.

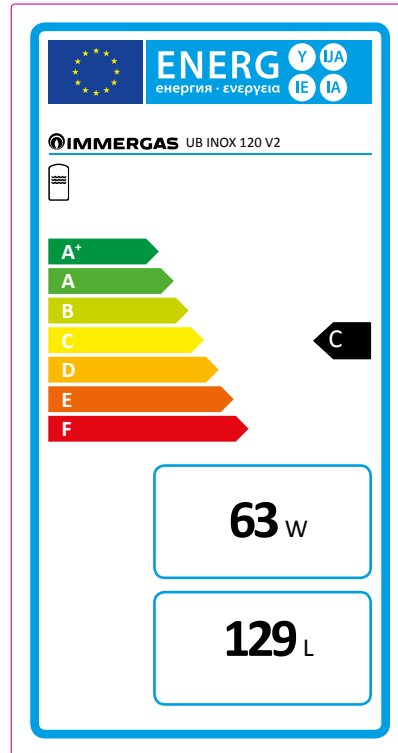
VICTRIX TERA PLUS

28 STORAGE TANK PRODUCT FICHE (REGULATION 812/2013)

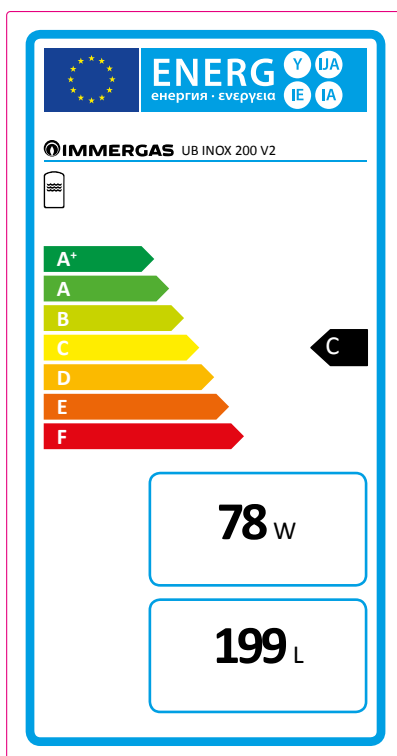
UB INOX 80 V2



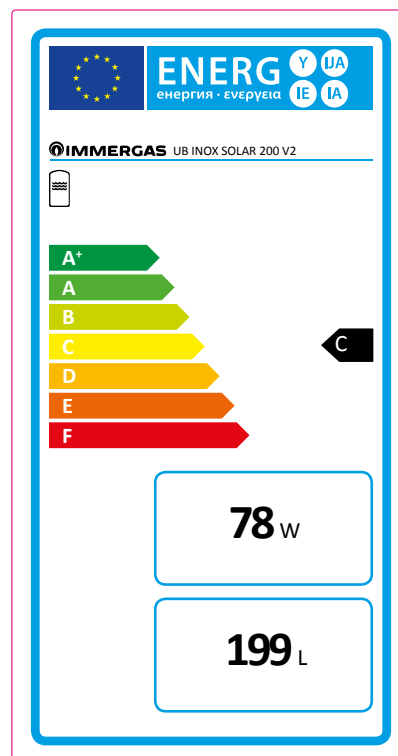
UB INOX 120 V2



UB INOX 200 V2



UB INOX SOLAR 200 V2





CERTIFICATO DI ESAME UE DEL TIPO No. 51CR4750

EU TYPE EXAMINATION CERTIFICATE

VISTO L'ESITO DELLE VERIFICHE CONDOTTE IN CONFORMITA' ALL'ALLEGATO III – **MODULO B** DEL REGOLAMENTO (UE) 2016/426 SI DICHIARA CHE I SEGUENTI PRODOTTI:

*ON THE BASIS OF OUR VERIFICATIONS CARRIED OUT ACCORDING TO ANNEX III – **MODULE B** OF THE REGULATION (EU) 2016/426 WE HEREBY DECLARE THAT THE FOLLOWING PRODUCTS:*

CALDAIE MURALI / WALL MOUNTED BOILERS

MODELLI / MODELS VICTRIX TERA 24 PLUS; VICTRIX TERA 28 1; VICTRIX TERA 32 1

FABBRICANTE / MANUFACTURER

NOME / NAME IMMERGAS SPA

INDIRIZZO / ADDRESS VIA CISA LIGURE 95
42041 BRESCELLO RE

SODDISFANO LE DISPOSIZIONI DEL REGOLAMENTO SUDDETTO

MEET THE REQUIREMENTS OF THE AFOREMENTIONED REGULATION

QUESTO CERTIFICATO DI ESAME UE DEL TIPO È RILASCIATO DA IMQ IN QUALITÀ DI ORGANISMO NOTIFICATO PER IL REGOLAMENTO (UE) 2016/426. IL NUMERO IDENTIFICATIVO DI IMQ S.P.A. QUALE ORGANISMO NOTIFICATO È: **0051**

*THIS EU TYPE EXAMINATION CERTIFICATE IS ISSUED BY IMQ AS NOTIFIED BODY FOR THE REGULATION (EU) 2016/426 IDENTIFICATION NUMBER OF IMQ S.P.A. AS NOTIFIED BODY IS: **0051***

QUESTO CERTIFICATO DI ESAME UE DEL TIPO CONSENTE L'APPOSIZIONE DELLA MARCATURA CE SU I PRODOTTI A CONDIZIONE CHE SIA SODDISFATTA UNA DELLE PROCEDURE DI VALUTAZIONE DELLA CONFORMITÀ DI CUI ALL'ALLEGATO III (MODULO C2 O D O E O F) DEL REGOLAMENTO (UE) 2016/426.

THIS EU-TYPE EXAMINATION CERTIFICATE ALLOWS THE CE MARKING ON THE PRODUCTS IF ONE OF THE CONFORMITY ASSESSMENT PROCEDURES INDICATED IN ANNEX III (MODULES C2 OR D OR E OR F) OF REGULATION (EU) 2016/426, IS SATISFIED.

QUESTO DOCUMENTO COMPRENDE 1 ALLEGATO

THIS DOCUMENT INCLUDES 1 ANNEX

PRIMA EMISSIONE: 2018 / 04 / 21

FIRST ISSUE

EMISSIONE CORRENTE: 2018 / 04 / 21

CURRENT ISSUE

EMISSIONE PRECEDENTE: -

PREVIOUS ISSUE

DATA DI SCADENZA: 2028 / 04 / 20

EXPIRING DATE

[STEFANO FERRARI]

B.U. PRODUCT CONFORMITY ASSESSMENT
CERTIFICATION MANAGER

Questo Certificato può essere riprodotto solo integralmente e senza alcuna variazione. Esso è soggetto alle condizioni generali e particolari di fornitura dei servizi di valutazione della conformità ai sensi delle Direttive comunitarie per le quali IMQ opera come Organismo Notificato.

This Certificate may only be reproduced in its entirety and without any change. It is subject to the general and particular Rules for the provision of conformity assessment services under the EU Directives for which IMQ acts as Notified Body.



PRD N° 005 B

Member of the Mutual Recognition Agreements
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

During the useful life of the products, performance is affected by external factors, e.g. the hardness of the DHW, atmospheric agents, deposits in the system and so on.

The declared data refer to new products that are correctly installed and used in observance of the Standards in force.

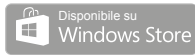
N.B.: correct periodic maintenance is highly recommended.

NOTE: Depending on the specific design and installation conditions, the diagrams and drawings provided in this documentation can require further integration or modifications, according to what is set forth by the Standards and technical regulations in force and applicable (as an example, the R stamp - edition 2009 is mentioned). It is the professional's responsibility to identify the applicable provisions, to evaluate compliance with these in each case and the necessity of any changes to diagrams and drawings.



Immergas TOOLBOX

The App designed by Immergas for professionals



immergas.com

To request further specific details, sector Professionals can also use the following e-mail address:

consulenza@immergas.com

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IMMERGAS
UNI EN ISO 9001:2008
CERTIFIED QUALITY
SYSTEM

Design, manufacture and after-sales assistance of gas boilers, gas water heaters and relative accessories

