

CONDENSING

 **IMMERGAS**



VICTRIX TERA

Wall-hung combi
and heating only condensing boiler

NEW NEW NEW
NEW NEW NEW
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VICTRIX TERA

Everything you need, instantly and in a small space

It's the new line that expands the Immergas range with boilers geared to consumers who look for quality and simplicity. All the units are condensing and, most importantly, feature total premixing for **efficient gas saving**.

Their compact size makes them easy to position and they adapt with flexibility to new installations or replacement of existing units at home, outdoors in partially protected areas.

There are two combi versions - 28 and 32 kW - and a 24 kW heating only version for combination with boilers of various capacity. The whole range is equipped with condensing module featuring a stainless steel coil and is designed to **meet the new European Directives on the use of energy**.

VICTRIX TERA boilers are certified **class 6, the highest ecological** classification in Europe, thanks to their low emission of nitrogen oxides (NOx).

The controls are simple, the LCD display clear and the selection buttons for control and setting are quick to operate.





DOMINUS. THE APP FOR ONLINE BOILER CONTROL

VICTRIX TERA can be remotely controlled by means of the new DOMINUS app. **This simple, intuitive app lets you control your boiler and display operation data on your tablet, smartphone and portable PC.**

Using the optional Wi-Fi transmitter kit (code no. 3.026273), installed before your modem/ router wireless (not supplied by Immergas), you can communicate with the boiler's circuit board from any location.

ADVANTAGES OF DOMINUS APP

› Intuitive navigation and simple use on smartphone and tablet touchscreens

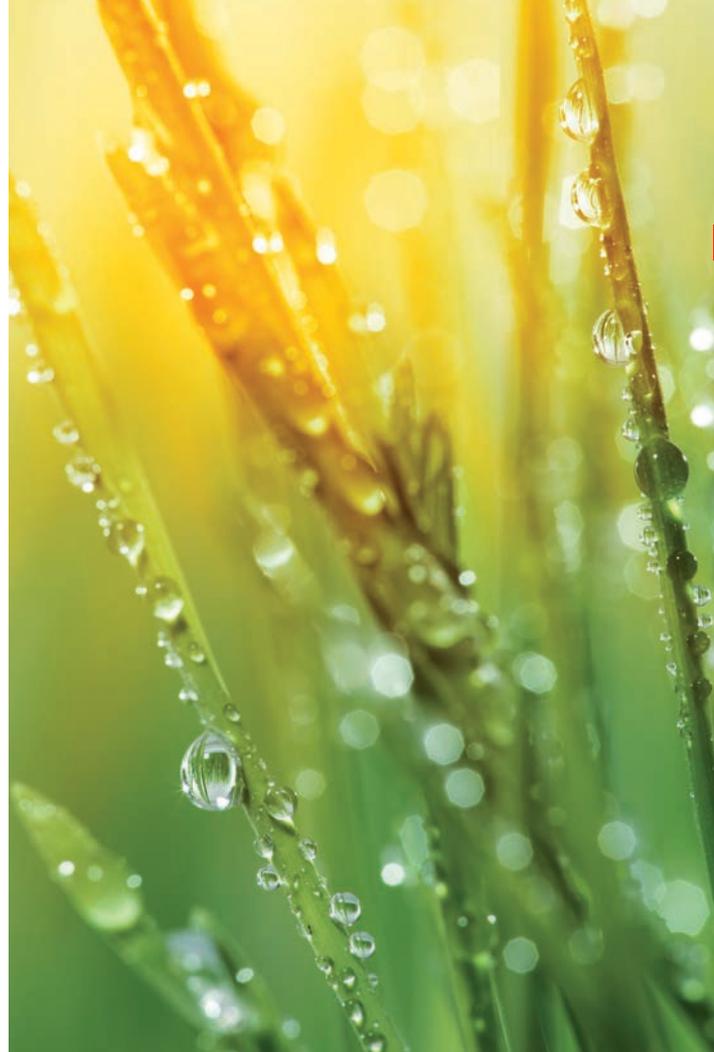
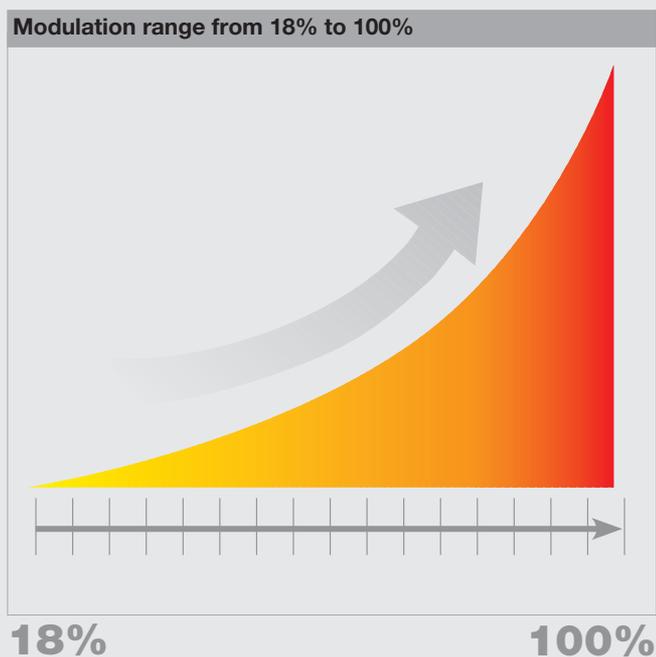
Remote control with direct access to main system settings, such as:

- Operation status
- Heating/DHW temperature setting
- Ambient temperature
- Reception of error messages
- Generator resetting

› Accessible for use anywhere at any time

› Easy installation

› Encrypted security access



THE QUALITY OF STAINLESS STEEL

The new condensing module with stainless steel coil **ensures durability, high reliability and resistance** to the formation of condensate from cooling of the combustion products.

ECOLOGICAL BOILER

Reduced emissions of carbon monoxide (CO) and nitrogen oxides (NO_x) results in VICTRIX TERA **being rated class 6**, the most ecological one in the classification by European standards UNI EN 297 and UNI EN 15502.

CLASS A CIRCULATOR

The low-consumption pump allows for significant energy savings in comparison with the traditional circulator and self-adjusts in response to flow rate fluctuations, for example when there are thermostatic valves or zone valves.

STAND-BY LOW POWER CONSUMPTION (LESS THAN 6 W)

MODULATING HEAT OUTPUT FROM 18% TO 100%

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INDOOR AND OUTDOOR INSTALLATION

VICTRIX TERA is **approved for outdoor installation provided it is partially protected** from the weather (rain and snow), for example by installing it under a balcony. An electrical resistance kit is available to expand antifreeze protection from -5 °C to -15 °C (code 3.017324).

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VERSION "PLUS"

VICTRIX TERA 24 PLUS, **can be combined with a separate storage tank unit** through a special optional kit (code 3.024907). The kit consists of 2 pipes to connect the three-way valve (standard in the boiler) at separate storage tank. The separate storage tank Units come in a range of models from 80 to 300 litres, to be selected according to the system requirements of domestic hot water production.

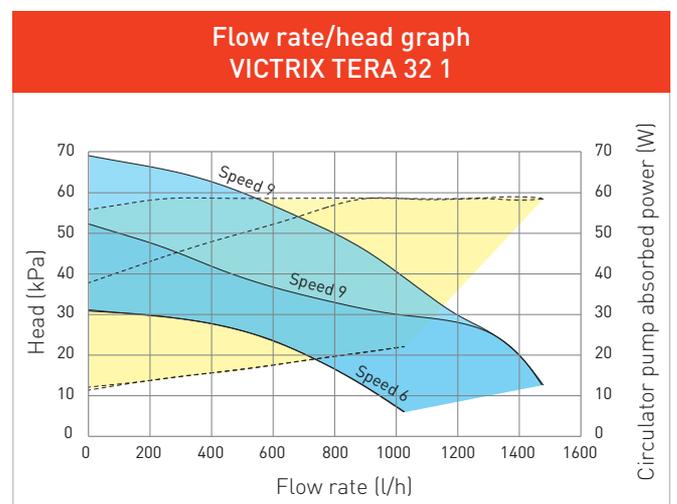
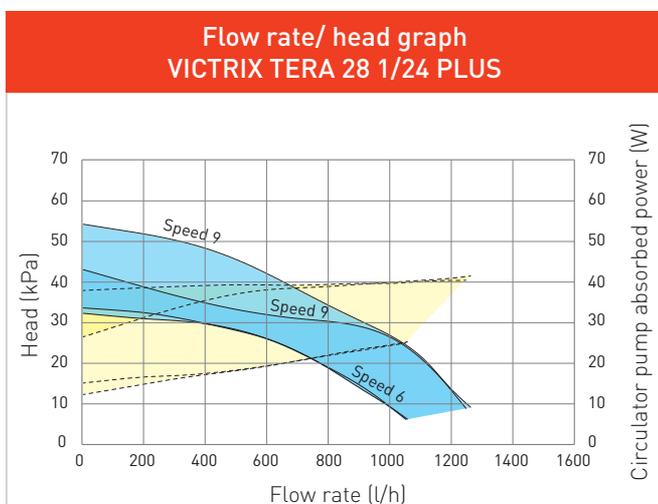
HYDRAULIC CONNECTIONS

The hydraulic connection kit is optional. VICTRIX TERA presents same hydraulics and gas connection position as current models.

EQUIPPED AS STANDARD WITH THE LOWER AESTHETIC CASING



Technical data	Unit of measurement	VICTRIX TERA 28 1	VICTRIX TERA 32 1	VICTRIX TERA 24 PLUS
Code	N.G L.P.G.	3.027370 3.027370GPL	3.027371 3.027371GPL	3.027373 3.027373GPL
CE certificate		0051CR4750	0051CR4750	0051CR4750
Maximum nominal heat input (D.H.W. mode)	kW	28,8	32,6	28,8
Maximum nominal heat input (C.H. mode)	kW	24,6	28,6	24,6
Minimum nominal heat input	kW	4,5	5,1	4,5
Maximum nominal heat output (D.H.W. mode)	kW	28,3	32,0	28,3
Maximum nominal heat output (C.H. mode)	kW	24,1	28,0	24,1
Minimum nominal heat output	kW	4,3	4,9	4,3
Efficiency at nominal heat output (80/60 °C)	%	97,8	97,9	97,8
Efficiency at 30% of load (80/60 °C)	%	102,3	102,1	102,3
Efficiency at nominal heat output (40/30 °C)	%	108,2	107,9	108,2
Efficiency at 30% of load (40/30 °C)	%	108,3	108,4	108,3
Weighted CO with natural gas	mg/kWh	20	15	20
Weighted NO _x with natural gas	mg/kWh	35	30	35
NO _x Class		6	6	6
D.H.W. flow rate for continuous service (Δt= 30 °C)	l/min	14,1	16,5	-
D.H.W. circuit max pressure	bar	0,3	0,3	-
Set heating temperature	°C	20 - 85	20 - 85	20 - 85
Central heating expansion vessel capacity	litres	8 (5,8)	10 (6,4)	8 (5,8)
Fan available head (max/min)	Pa	240/140	300/165	240/140
Electric protection index	IPX	IPX5D	IPX5D	IPX5D
Full appliance weight	kg	35,8 (33,6)	37,9 (35,5)	33,8 (32,0)



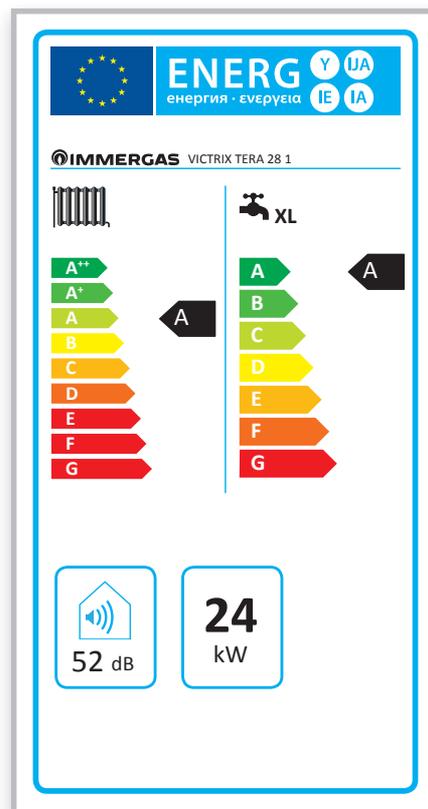
Key

- Available head for central heating with excluded by-pass
- Available head for central heating with inserted by-pass
- Pump consumption with excluded by-pass
- Pump consumption with inserted by-pass

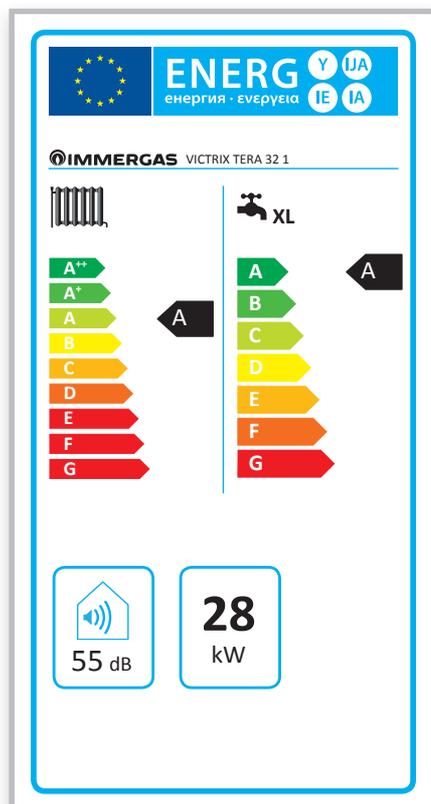
VICTRIX TERA boilers are equipped with adjustable system by-pass.

In accordance with the ELD directive (in conformity with regulation 811/2013), we include the label of each water heater to enable customers to evaluate the products. The labels are shown in the documentation accompanying the units as well as on the immergas.com website in each product's page.

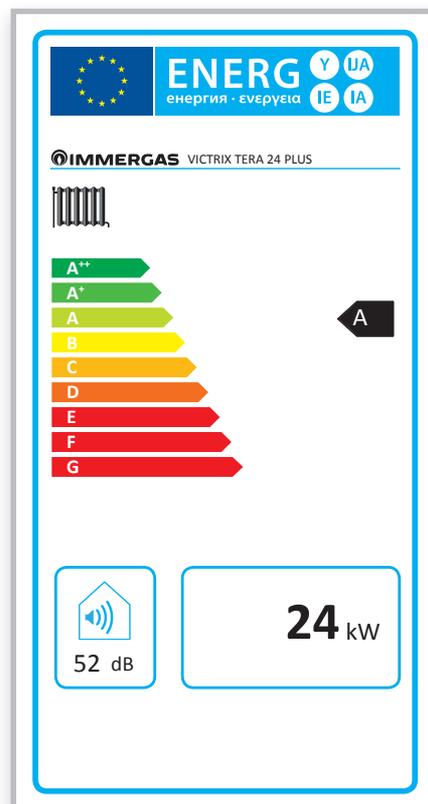
VICTRIX TERA 28 1



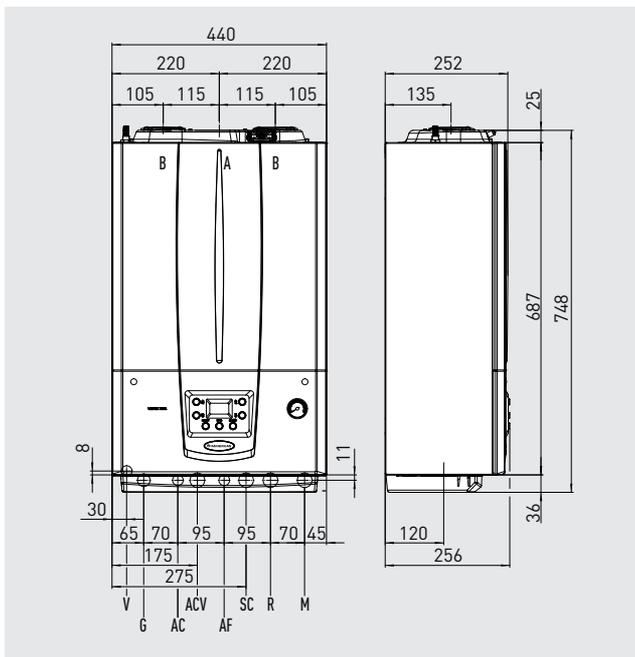
VICTRIX TERA 32 1



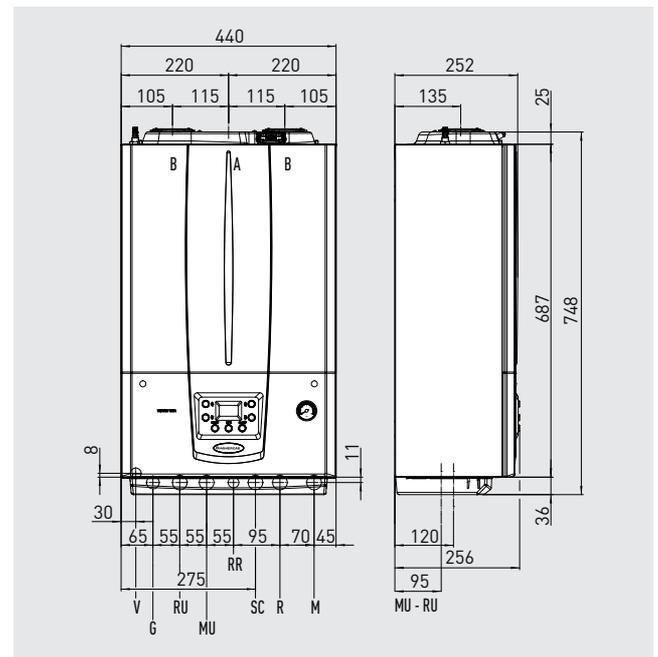
VICTRIX TERA 24 PLUS



VICTRIX TERA 28/32 1



VICTRIX TERA 24 PLUS



VICTRIX TERA 28/32 hydraulic connections

Gas	D.H.W.		System	
G	AC	AF	R	M
3/4"	1/2"	1/2"	3/4"	3/4"

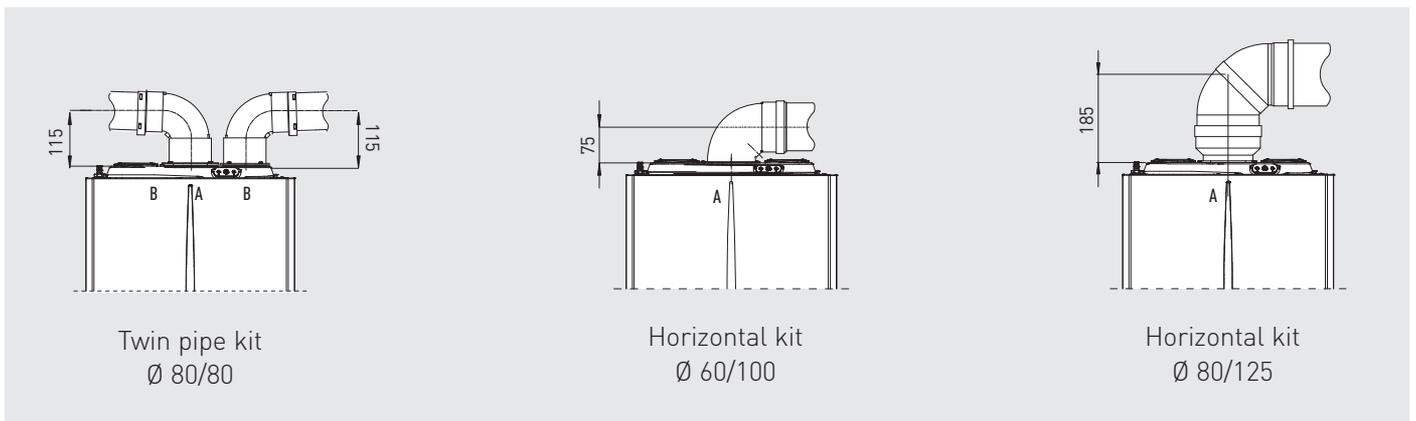
VICTRIX TERA 24 PLUS hydraulic connections

Gas	D.H.W.	System	
G	MU-RU*	RR	M-R
3/4"	3/4"	1/2"	3/4"

* Only in case of storage tank connection kit

Key

- V Electrical connection
- G Gas supply
- AC Domestic hot water outlet
- ACV Solar valve domestic hot water inlet
- AF Domestic cold water inlet
- SC Condensate drain (minimum internal diameter Ø 13 mm)
- M System flow
- R System return
- RR System filling
- RU Storage tank return (optional)
- MU Storage tank flow (optional)
- A Outlet/Inlet
- B Inlet



 To ensure correct installation of internal unit, the air inlet/flue outlet pipes kit must be selected from the Immergas "Green Series flue systems". It's available a new option kit: **COVER KIT FOR DIRECT AIR SUCTION (code 3.027263 - NEW)**

Combining the VICTRIX TERA range with a heat regulation device is an excellent investment because it improves the seasonal energy efficiency of the heating system. For each of the following heat regulation devices we therefore indicate a class, which gives you the percentage value of increased efficiency.

CAR^{V2} (Modulating remote control)

Type		Code
Modulating thermostat with remote boiler controls; includes special functions such as antifreeze temperature settings and anti-legionnaire function (only for boilers with DHW storage tank) IDEAL FOR REPLACEMENT Product class V* or VI Seasonal energy efficiency value 3%* or 4%	 Dimensions (H x W x D) mm 103 x 142 x 31	3.021395

Available also in wireless version – code 3.021623.

MINI CRD (Mini Digital Remote Control)

Compact modulating thermostat Note: it can be installed only for single zone systems and without an external probe or DOMINUS interface board kit Product class V* or VI Seasonal energy efficiency value 3% or 4%	 Dimensions (H x W x D) mm 80 x 80 x 23	3.020167
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CRONO 7

Weekly digital chronothermostat Product class IV* or VII Seasonal energy efficiency value 2% or 3,5%	 Dimensions (H x W x D) mm 103 x 142 x 31	3.021622
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Available also in wireless version – code 3.021624.

External probe

Allows at the boiler to functioning at a variable temperature according to the climatic conditions IDEAL FOR REPLACEMENT Product class II*, VI or VII Seasonal energy efficiency value 2%*, 4% or 3,5%		3.014083
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Telephonic remote control

For buildings equipped with telephone network. Available for all models except Mini CRD	 Dimensions (H x W x D) mm 85 x 85 x 31	3.013305
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GSM Telephonic control

For buildings not equipped with telephone network. Available for all models except Mini CRD	 Dimensions (H x W x D) mm 198 x 78 x 30,5	3.017182
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DOMINUS interface board kit

To remote control boiler with DOMINUS APP		3.026273
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* Product class with default settings. Some heat regulation device can change class depending on the settings and operation modes that can be changed, for example Modulating or ON/OFF, The use of these devices contributes, in percentage, to the seasonal energy efficiency of the heating system.



Inside the various range of options it is possible to find out complementary accessories for installing VICTRIX TERA. The use of original kits enhances quality and reliability of the products.

Magnetic cyclone filter kit

Type		Code
<p>Important in case of boiler replacement in order to restrain possible ferrous <i>IDEAL FOR REPLACEMENT</i></p> <p>Easy to inspect and clean, since the system emptying is not needed. Only for indoor installation</p>		3.024176

Condensate discharge pump kit

<p>Usefull in case of counterslope between siphone and discharge; installation externaly to the boiler <i>IDEAL FOR REPLACEMENT</i></p>		3.026374
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Bottom cover kit for condensing boilers NEW

<p>Aesthetic frame (250 mm height) that covers connections zone and the main option kits for wall-hung condensing boilers <i>IDEAL FOR REPLACEMENT</i></p>		3.027341
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Condensate neutralizer kit

<p>Necessary to neutralize the acidity of the condensation if it isn't blended with other domestic waste. Inclusive of granulate. Pre-arranged for internal installations <i>IDEAL FOR REPLACEMENT</i></p>		3.019857
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Connection kit

<p>Connection kit for combi models</p>		3.019264
<p>Connection kit for heating only model</p>		3.024907
<p>Storage tank connection kit for heating only model (in combination with connection kit code 3.024907)</p>		3.024609

Antiscale kit

Type		Code
For combi boiler only. Approved for installation inside the building		3.017323

Non return valve kit

For combi boiler only		3.016301
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Additional expansion vessel

2 litre expansion vessel		3.017514
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Anti-freeze protection kit

Until -15 °C		3.017324
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Shut off knobs

Shut off knobs 3/4"		3.5324
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Shut off knobs with filters		3.015854
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All purpose connection kit

For wall hung boiler		3.011667
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VICTRIX TERA DIM can be connected to the DIM Range (Multyssystem distribution manifolds). DIM can be connected considering that it's possible to manage zones only with CRONO 7 (no CAR^{v2}) and DIM connection to boiler via zone signal state isn't possible.





App Immergas TOOLBOX



immergas.com

Immergas S.p.A.
42041 Brescello (RE) - Italy
T. 0522.689011
F. 0522.689178



IMMERGAS
IMMERGAS SPA - ITALY
CERTIFIED COMPANY
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Design, manufacture and post-sale assistance of gas
boilers, gas water heaters and related accessories