USER'S MANUAL

IMMERGAS

COD. 3.022167

KIT DOMUS CONTAINER

Instruction and warning book **IE**

THIS SHEET MUST BE LEFT WITH THE USER ALONG WITH THE INSTRUCTIONS MANUAL FOR THE FINISHED PRODUCT

GENERAL WARNINGS.

All Immergas products are protected with suitable transport packaging. The material must be stored in a dry place protected from the weather. This instruction manual provides technical information for installing the Immergas kit. As for the other issues related to kit installation (e.g. safety at the workplace, environmental protection, accident prevention), it is necessary to comply with the provisions specified in the regulations in force and with the principles of good practice.

Improper installation or assembly of the Immergas appliance and/or components, accessories, kits and devices can cause unexpected problems for people, animals and objects. Read the instructions provided with the product carefully to ensure proper installation.
Installation and maintenance must be performed in compliance with the regulations in force, according to the manufacturer's instructions and by professionally qualified staff, meaning staff with specific technical skills in the plant sector, as envisioned by the law.

MAIN DIMENSIONS.

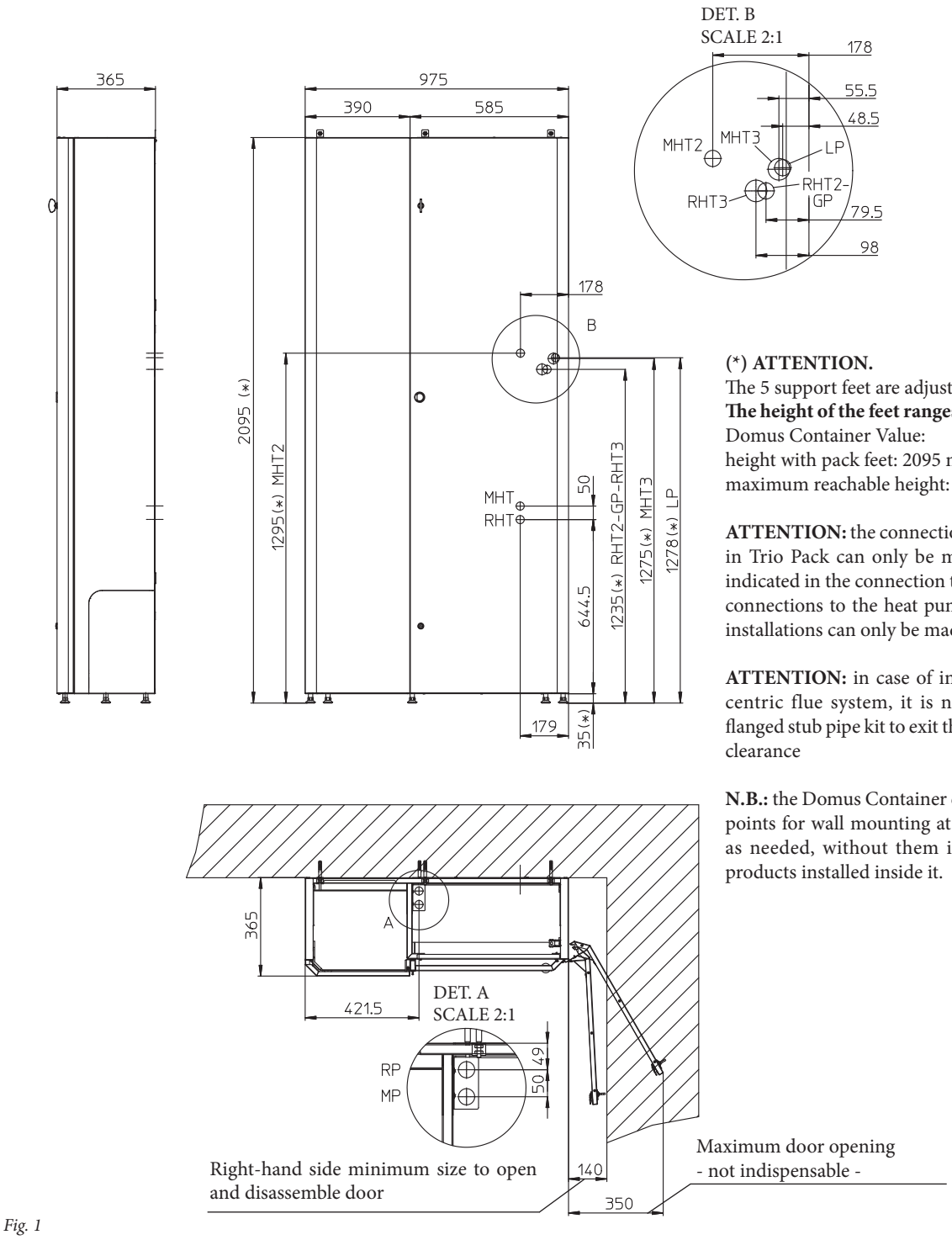


Fig. 1

(*) ATTENTION.
The 5 support feet are adjustable.
The height of the feet ranges from 35 to 50 mm.
Domus Container Value:
height with pack feet: 2095 mm
maximum reachable height: 2110 mm

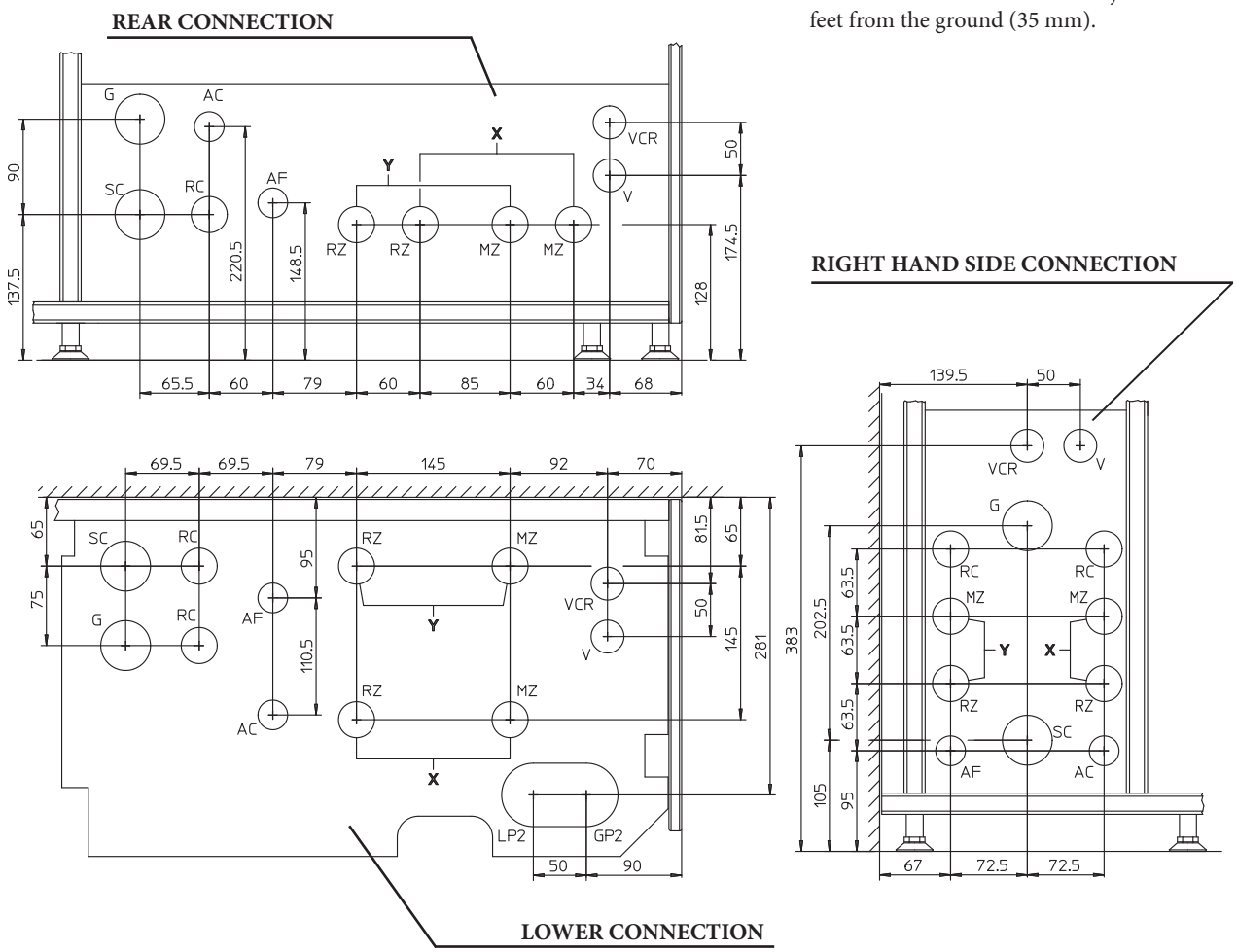
ATTENTION: the connections to the heat pump in Trio Pack can only be made from below, as indicated in the connection template (Fig. 2); the connections to the heat pump in the remaining installations can only be made on the rear side.

ATTENTION: in case of installation with concentric flue system, it is necessary to use the flanged stub pipe kit to exit the Domus Container clearance

N.B.: the Domus Container comes with 3 mobile points for wall mounting at the top; place them as needed, without them interfering with the products installed inside it.

CONNECTION TEMPLATE.

ATTENTION: The indicated height measurements refer to the minimum adjustment of the feet from the ground (35 mm).



Key:

- *G - Gas supply*
- *AC - Domestic hot water outlet*
- *AF - Domestic hot water inlet*
- *MHT - Flow from heat pump (Fig. 1)*
- *RHT - Return to heat pump (Fig. 1)*
- *MHT2 - Flow from heat pump (Victrix Hybrid Plus) (Fig. 1)*
- *RHT2 - Return to heat pump (Victrix Hybrid Plus) (Fig. 1)*
- *MHT3 - Flow from heat pump (Trio Hydro) (Fig. 1)*
- *RHT3 - Return to heat pump (Trio Hydro) (Fig. 1)*
- *LP - Chiller line - liquid phase*
- *GP - Chiller line - gaseous phase*
- *LP2 - Chiller line - liquid phase (Trio Pack)*
- *GP2 - Chiller line - gaseous phase (Trio Pack)*
- *MP - Flow from solar panels*
- *RP - Return to solar panels*
- *MZ - System flow*
- *RZ - System return*
- *RC - DHW (Domestic hot water) recirculation (not available for instantaneous boilers)*
- *SC - Condensate drain*
- *V - Electrical connection*
- *VCR - Comando Amico Remoto remote control*
- *VS - 3 bar discharge valve*

Fig. 2



ZONE CONNECTION TABLE.

	Zone Y	Zone X
Gaudium Solar Base V2 **Gaudium Solar Plus Base V2**	Zone 1 direct	Not used
Trio V2	Zone 1, mixed	Zone 2, direct
Gaudium solar 2 zone V2 **Gaudium solar Plus 2 zone V2**	Zone 2, direct	Zone 1 direct
Trio Mono V2	Not used	Zone 1 direct
Gaudium Solar ABT V2 **Gaudium Solar Plus ABT V2**	Zone 2 mixed	Zone 1 direct
Basic Magis Pro	Not used	Zone 1 direct
Trio Pack Electric **Trio Pack Hybrid**	Zone 2 mixed (Optional)	Zone 1 direct
Trio Hydro	Zone 2 mixed (Optional)	Zone 1 direct

CONNECTIONS.

GAS	DOMESTIC HOT WATER		SYSTEM				HEAT PUMP			CHILLER LINE			
G	AC	AF	RZ (Y)	MZ (Y)	RZ (X)	MZ (X)	MHT-MHT2	RHT-RHT2	MHT3-RHT3	LP	LP2	GP	GP2
G 1/2"	G 1/2"	G 1/2"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 1"	3/8" SAE - 1/4" SAE (V2)	1/4" SAE	5/8" SAE	5/8" SAE

KIT DESCRIPTION.

The Domus Container kit was designed to fit at least the installation space for the Gaudium Solar V2, Trio V2, Basic Magis Pro, Trio Pack and Trio Hydro kit inside the home (not recessed).
The lower part of the frame has levelling feet and holes necessary for the hydraulic, gas, electrical, condensate drain and Temperature control connection.
The connections to the heat pump in its rear part must be connected.
The frame is provided with special wall fixing brackets on the rear part.
The top is completely open.
With the presence of boilers, the upper part is completely open for the outlet to the flue ("B type" and "C type" installations) and the intake duct (only for "C type" installation) using the Immergas flue.

INSTALLATION OPERATIONS.

Before installing the Domus Container, it is necessary to remove the front door (1) and the fixed casing (2) by loosening the appropriate screws (3).

Release the fixed casing (2) from the stop screws on the frame by pushing upwards and at the same time pulling it towards you.

N.B.: to remove the front door (1) after having loosened the appropriate screws (3), grip the handle (1a) with your left hand and the knob (1b) with your right hand.

- Proceed by levelling the Domus Container using the provided levelling feet (4).
- Make 4 Ø 10 mm holes on the wall in correspondence with the holes of the brackets (5).
- Fix the Domus Container on the wall using the Ø10x60 wall plugs (6), screws (7) and nuts (8) supplies (Fig. 3).

Attention: check that the frame remains in square during the fixing operations.

Once the frame has been installed, set up all the connections for the hydraulic connection to the specific product preset in the lower and lateral part.

N.B.: The connection unit is not supplied, but is sold separately (Optional). To ease installation, choose whether to make the connection at the rear, bottom or side (bottom right) of the Domus Container kit (see Fig. 2).

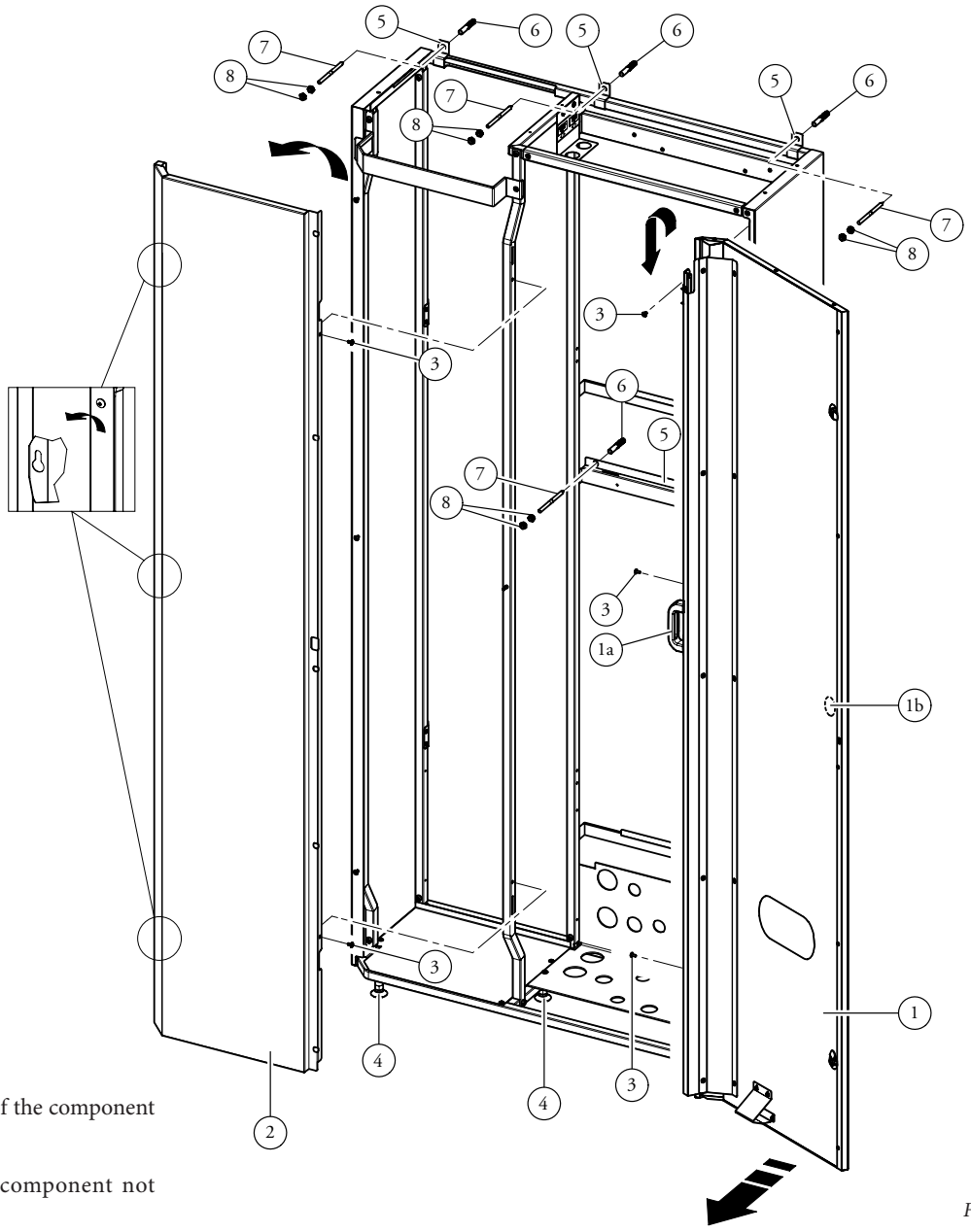
The electrical connections require the connection to the electric mains to be separated from the connection to the temperature control for the cables to reach the various template references.

Make the gas connection (where required). The gas pipe can exit through the rear outlet, the lower outlet, the right side outlet.

N.B.: to install the gas supply pipe, under or out of route, comply with the installation standards UNI 7129 / 7131-99.

Install the connecting pipes of the coolant gas circuit (where required) using the pre-drilled holes. The pipes inside the Domus Container kit must protrude as necessary to allow the chosen product to be connected.

N.B.: Comply with the UNI EN 378 Standards for the installation of the coolant gas circuit and connection to the heat pump.



Installation drawings key:

1 Unique identification of the component in the kit

A Identification of the component not supplied in this kit

Fig. 3

- In order to easily install the products inside the Domus Container, it is recommended to temporarily remove the appliance front metal-sheet plate (9), the storage tank unit front metal-sheet plate (10) and the front pipe (11) (Fig. 4). Carry out the operations in inverse order to reassemble the previously removed parts.

Attention: Refer to the specific instruction booklet of each individual product for assembly/installation and commissioning of the various components inside the Domus Container kit.

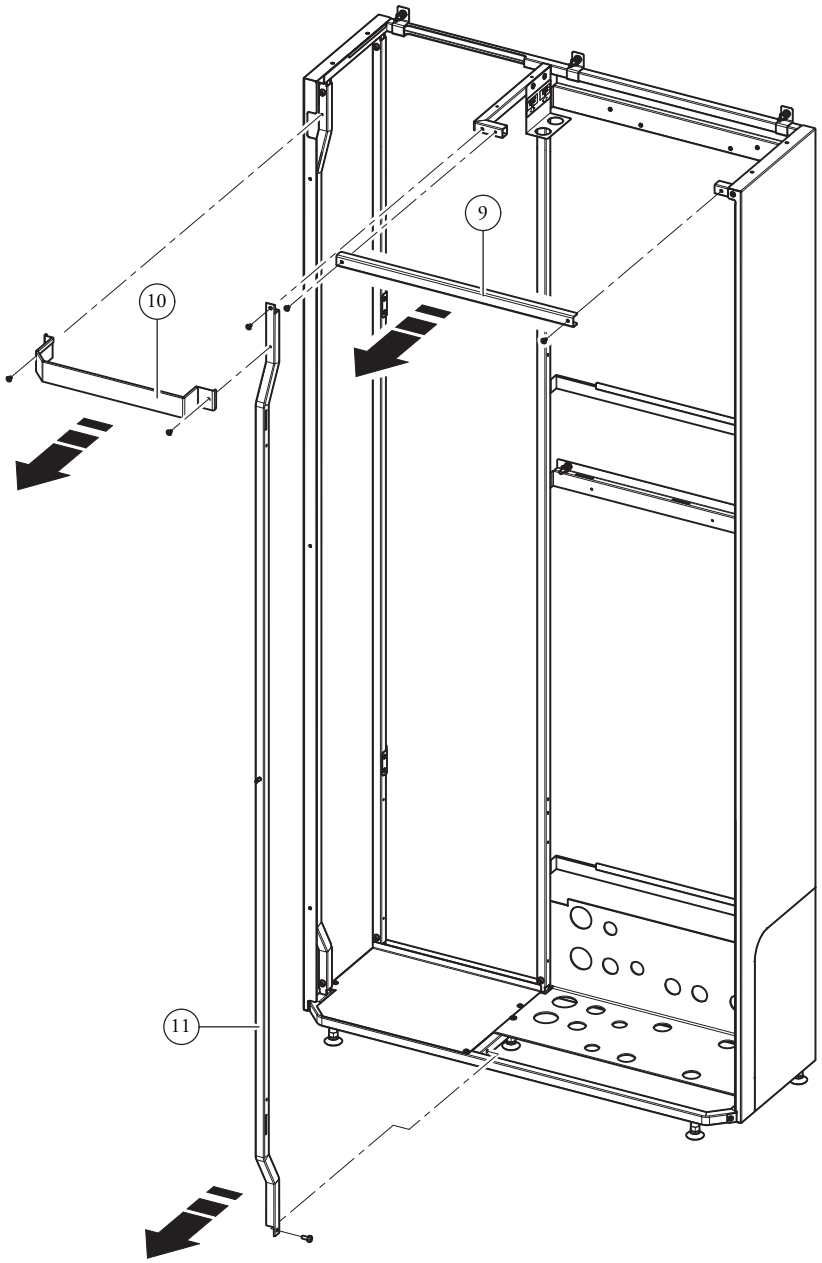


Fig. 4

Once installation is completed, the previously removed casing and front door can be reassembled.
Hook the fixed casing (2) back onto the screws with stop on the frame and tighten the fixing screws.

Proceed as follows to assemble the front door (1):

- Lift the door by gripping the metal-sheet plate with your right hand, also using the front round handle and with your left hand grip the internal handle (1a).
- Engage the tab (1c) into the provided slot (1e);
- Once the tab is inserted, lock everything in position by tightening the 3 screws (3).

N.B.: the vertical position of the door can be adjusted using the slots (1d).

N.B.: if the front door (1) is not aligned with the frame, a further adjustment can be made by loosening the screws (1f) and moving the profile (1g) vertically using the provided slots. Once adjusted, tighten the screws (1f).

N.B.: the following image is only an example of the various installation options possible.

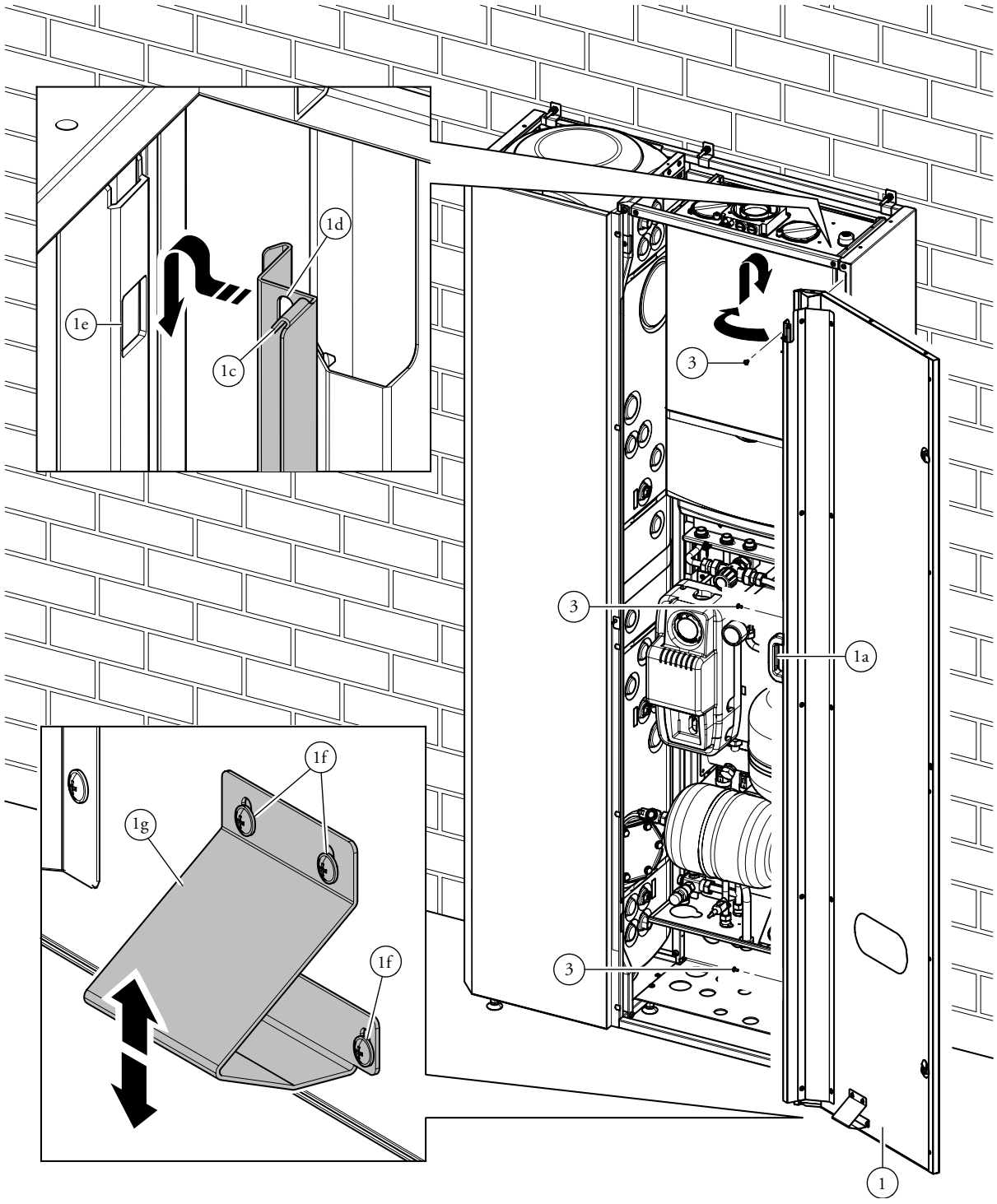


Fig. 5

Nel corso della vita utile dei prodotti, le prestazioni sono influenzate da fattori esterni, come ad es. la durezza dell'acqua sanitaria, gli agenti atmosferici, le incrostazioni nell'impianto e così via. I dati dichiarati si riferiscono ai prodotti nuovi e correttamente installati ed utilizzati, nel rispetto delle norme vigenti.
N.B.: si raccomanda di fare eseguire una corretta manutenzione periodica.

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 data declared refer to new products that are correctly installed and used with respect to the Standards in force.
N.B.: correct periodic maintenance is highly recommended.

Il libretto istruzioni è realizzato in carta ecologica.

The instruction manual is printed on environmentally-friendly paper.

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Per richiedere ulteriori approfondimenti specifici, i Professionisti del settore possono anche avvalersi dell'indirizzo e-mail: **consulenza@immergas.com**
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