



IMMERGAS

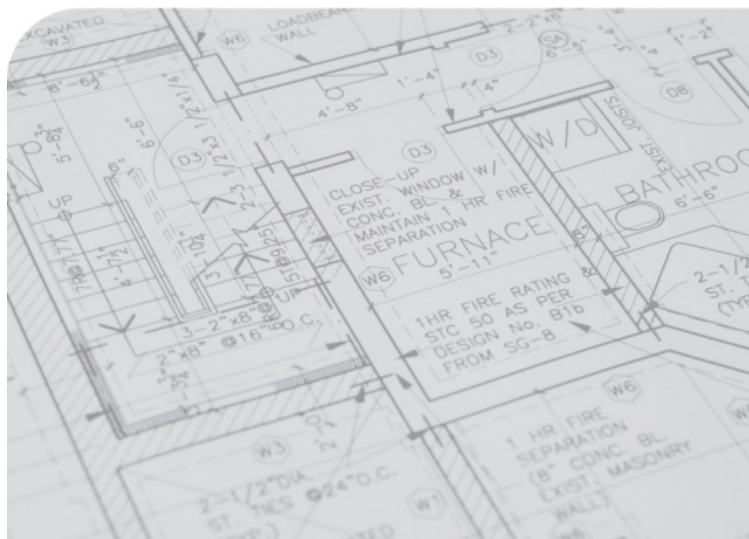
INSTRUCTION MANUAL

DOMINUS

Application Interface Board Kit

TABLET User Manual

Instructions and warnings



Contents [[hide](#)]

[1 DOMINUS Application Interface Board Kit](#)

[2 INSTALLATION.](#)

[3 DOMINUS BOILER ADJUSTMENT \(EXCLUDING VICTRIX MAIOR, EXTRA AND SUPERIOR\).](#)

[4 TABLET CONNECTED TO BOILER \(EXCLUDING VICTRIX MAIOR / EXTRA AND SUPERIOR\).](#)

[5 TABLET CONNECTED TO A SUPERIOR BOILER.](#)

[6 TABLET CONNECTED TO A MAIOR/EXTRA BOILER.](#)

[7 TABLET CONNECTED TO A HYBRID SYSTEM.](#)

[8 Documents / Resources](#)

[8.1 References](#)

DOMINUS Application Interface Board Kit

Dear Customer,

Congratulations for having chosen a top-quality Immergas product, able to assure well-being and safety for a long period of time.

As an Immergas customer you can also count on a qualified after-sales service, prepared and updated to guarantee constant efficiency of its application “Dominus”.

We would like to provide you with some important indications, your observance of which will ensure your satisfaction with the Immergas product:

- Read the following pages carefully: you will find useful suggestions regarding the correct use of the application.
- For assistance and scheduled maintenance, contact “Immergas Authorised After-Sales centres”: they have original spare parts and are specifically trained.

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INSTALLATION.

1.1 APPLICATION DOWNLOAD AND INSTALLATION ON MOBILE DEVICES

(TABLET).

Using the mobile device on which to install the application, connect to the App store of reference: App Store (Apple) or Play Store (Android) and type in “Immergas” in the search field.

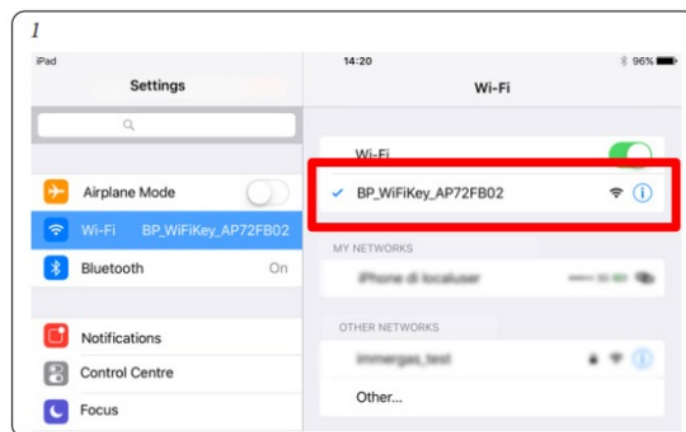
The app works with iPadOS 13.0 operating system or higher (Apple) and Android 7 or higher.

Select the free “Dominus” application and wait for its download and installation on the mobile device used.

1.2 CONTROL SYSTEM CONFIGURATION.

Go in the immediate vicinity of the Wi-Fi module. Enable the mobile device to receive/transmit the Wi-Fi signal.

From the mobile device access the Wi-Fi section and select the signal transmitted by the Wi-Fi module. The name of the signal transmitted by the Wi-Fi module is: BP_WiFi_xxxxxxxx BP_WiFiK03_xxxxxxxx Below is an explanatory picture (Fig. 1).



Start the “Dominus” application.

The following message appears on the screen when my application starts:

Configurations not present

For the application to work properly you must download the updated configurations.

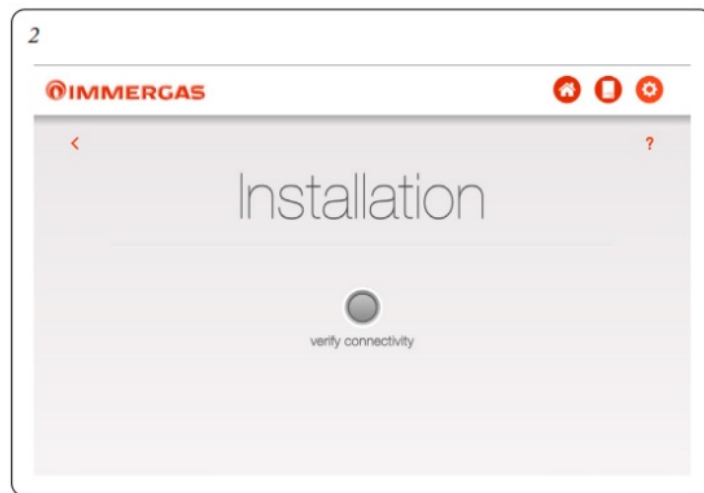
Download now?

Cancel Confirm

In case of first installation, when the application is started you are asked to proceed to a new installation. Confirm the request.

In case of subsequent installation, enter the “configuration” menu and press on “setup wizard”.

The application will start the installation, verifying connectivity with the Wi-Fi module (Fig. 2).



Upon detection of the Wi-Fi module, the screen “Identification device” appears where to enter the following data:

- Device name: enter the device name (chosen by the user);
- Password: enter the password chosen by the user.

N.B.: remember the password used to install the device on other mobile device.

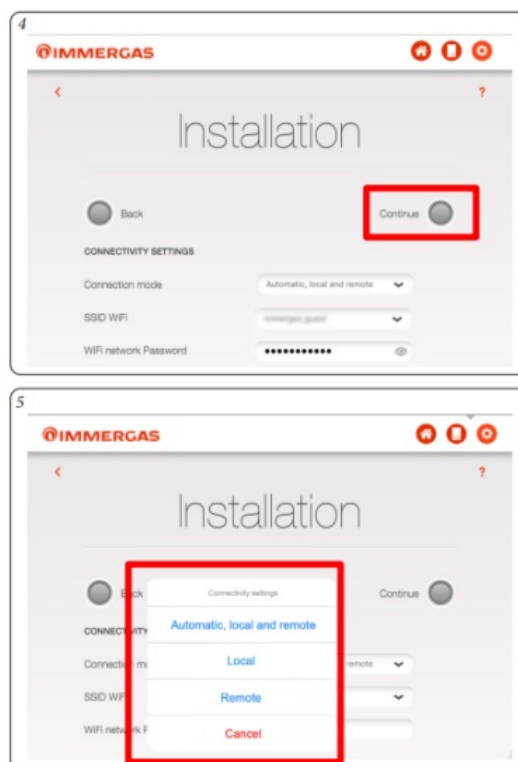


After entering the device name and password, press “Continue” (Fig. 3) to access the “Connectivity Settings” screen (Fig. 4). From the screen below, enter the following data:

- Connection mode (Fig. 5). Choose from the indicated options:
 - Automatic local and remote: the application will choose the best available connection mode;
 - Local only: you can only connect to the device in local, therefore, the device cannot be reached outside the Wi-Fi network in which it is installed;
 - Remote only: you can only connect to the device through a connection to Internet;
 - SSID WiFi network: choose the Wi-Fi network name to which you want to connect

the device;

– WiFi network password: enter the password of the selected network.



After entering the above data, press “Continue” (Fig. 5). The “System Configuration” screen will appear (Fig. 6).



Select the appliance model from the proposed list (Fig. 7). The name is shown on the appliance control panel (see example Fig. 8).

7

Select the type of system installed

- ☐ VICTRIX Major TT
- ☐ VICTRIX kW TT
- ☐ VICTRIX TT
- ☐ VICTRIX EKA
- ☐ VICTRIX kW 26
- ☒ VICTRIX TERA
- ☐ STAR 24
- ☐ VICTRIX OMNIA
- ☐ VICTRIX ZEUS
- ☐ AVIO 24 ECO
- ☐ NIKE 24 ECO
- ☐ MAGIS PRO
- ☐ MAGIS COMBO
- ☐ MAGIS COMBO PLUS
- ☐ TRIO
- ☐ SUPERIOR
- ☐ MAGIS PRO-COMBO V2
- ☐ MAJOR / EXTRA
- ☐ MAGIS HERCULES
- ☐ GESTORE DI SISTEMA
- ☐ MAGIS HERCULES PRO
- ☐ MAGIS HERCULES PRO MINI
- ☐ TRIO PACK
- ☐ TRIO HYDRO
- ☐ Cancel



At the end press “Setup” (Fig. 6).

When installation is complete the “Installation Completed” pop-up will appear and you will be required to complete the customer identification form (Fig. 9).

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?   

Registration

Identificazione caldaia e dispositivo

Tipo di Impianto*

Codice Matricola Impianto*

Controllo Matricola Impianto*

MAC Address Dispositivo*

Anagrafica cliente

Cognome e Nome*

Indirizzo*

Località*

Provincia*

C.A.P.*

Nazione*

Indirizzo E-mail*

Seslingh Cellular*

Analisi d'uso

Tipo di abitazione*

Metri quadri*

Numero di occupanti*

Numero di bagni*

Accettazioni

Privacy* ☒

I dati personali inseriti possono essere trattati dalla Immergas S.p.A. per finalità di marketing e l'invio di materiale promozionale ed informativo.

Abita l'apposito servizio al Central Assistenza. Autorizzato Immergas per interventi di manutenzione.



B  Thika

Enter the appliance serial number (see warranty booklet Fig. 10)

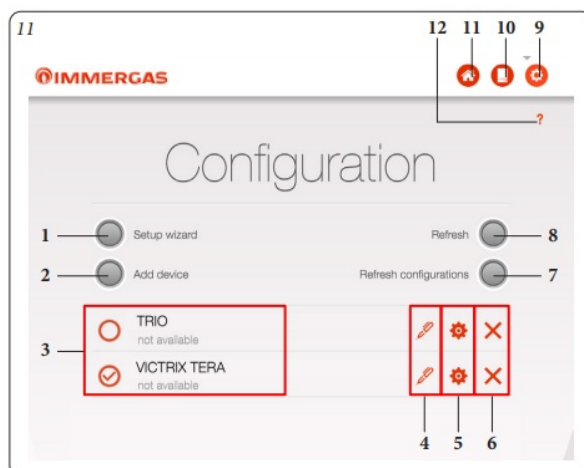
Enter the appliance serial number (see warranty booklet Fig. 10).

- Check system serial number (enter the appliance serial number again, see Fig. 10);
- Then enter the other data required by the registration form;
- At the end press “Send” (Ref. B; Fig. 9).

[illegible]

1.3 CONFIGURATION.

Selecting “Registration (Fig. 4, Fig. 11) on the “Configuration” page (Fig. 11) it will always be possible to edit the data entered upon registration (Fig. 9).



Ret	Description
1	“Setup Wizard” page access button.
2	“Add device” page access button.
3	Display of list of devices connected to the application and type of connection.
4	“Registration” page access button.
5	“Identification device” page access button.
6	Device deletion button.
7	Refresh configurations control button.
8	Device to be connected availability control button.
9	“Configuration” page access button.
10	“Boiler” page access button
11	“Home” button
12	Instructions and warnings manual Download Help

Pressing the “Add device” button (Ref. 2, Fig. 11) allows you to add a device already configured without needing to perform the wizard.

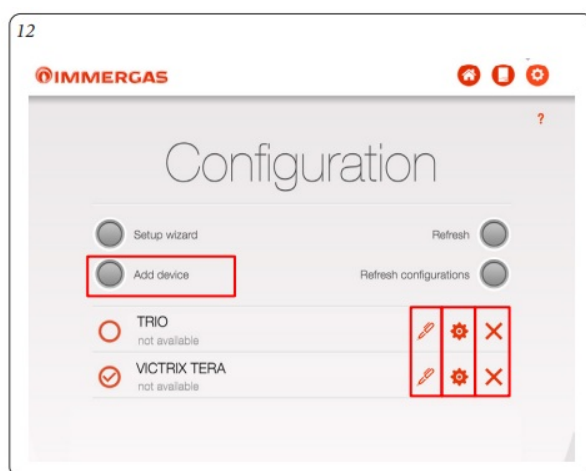
1.4 INSERTING A PREVIOUSLY CONFIGURED DOMINUS APP ON ANOTHER TABLET DEVICE.

To insert a Dominus app, configured according to the procedure in Paragraph 1.2, on another tablet device, the following data are required:

- MAC device;
- login password: password chosen during initial installation (refer to that described on Page 4);
- connection mode: chosen by the user (refer to that described on Page 4);
- system type: select the boiler model (present on the control panel)

The data described above can be found (by clicking the button Ref. 5, Fig. 11).

When the data mentioned above are available, you may access the “Configuration” page of the App with your new Tablet device and click “Add device”.



At this point, the Identification Device page opens, where you must enter the identification data of the Dominus app to be installed as described at the start of this paragraph.

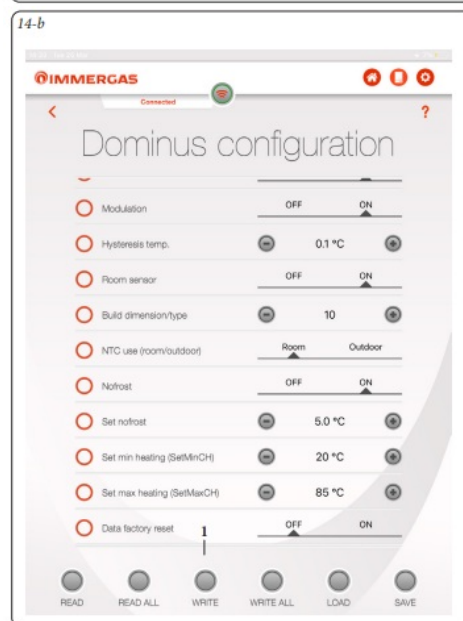
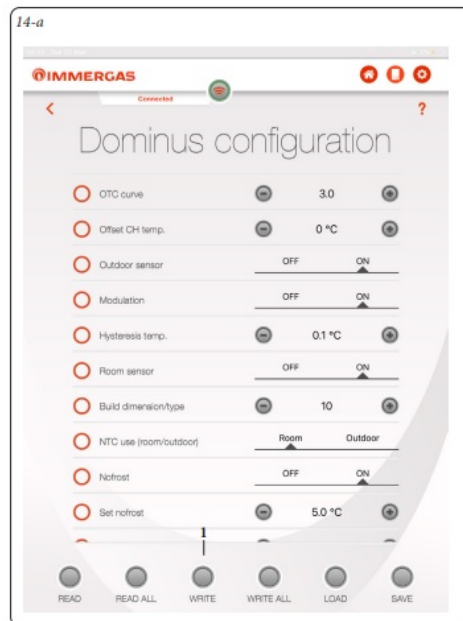


DOMINUS BOILER ADJUSTMENT (EXCLUDING VICTRIX MAIOR, EXTRA AND SUPERIOR).

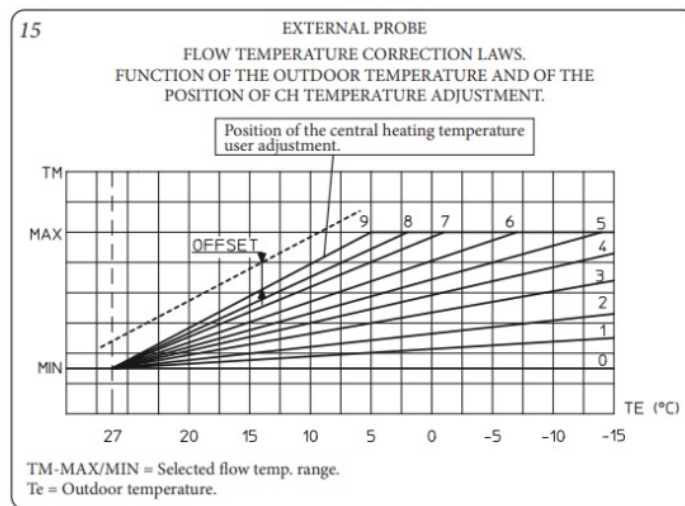
The below-described adjustment functions are always enabled if a Room Thermostat, or similar, is connected to the device; if the Dominus device is connected to a CARV2, the below-described functions are only enabled if the device is activated (see Fig. 19).

2.1 DOMINUS CONFIGURATION.

From the “Boiler” page, pressing the “Config. Dominus” button (Ref.12 Fig. 16) displays the following page from whence you may edit the main parameters set in the device. After making any changes, press the button (Ref.1 Fig.14) to send them and make them active.



- Climatic curve: in the presence of external probe, change the set flow temperature (see fig. 15), as per standard set at 3.
- CH temp. offset: constant that can be regulated from -15°C to +15°C and in the presence of the external probe (optional), modifies the set flow temperature (see fig. 15) set to 0°C as per standard.



- External probe use: enables/disables the operation curve (Fig. 15) if the external probe is present.
- Modulation use: allows enabling (ON) or disabling (OFF) the operation of the flow temperature modulation. Set at ON, the flow temperature will be varied depending on the room temperature set. Set at OFF, the flow temperature will be kept constant until the desired room temperature is reached. (Setting to be made on systems with zones control unit). N.B.: if an outdoor temperature probe is present, the flow temperature will be set depending on the relative functioning curve.
- Hysteresis temperature: with room probe enabled, it indicates the temperature added to the set, above which the request to the generator is removed.
- Room probe use: allows to activate or deactivate the room probe. On the basis of the parameter setting, it will be possible to regulate the following options: – ON (standard value); it is possible to select a correction factor of the room probe reading and change the modulating function. – OFF, the system will not function, regulating the room temperature but only depending on the time program set. In this case the room anti-freeze function is not assured.
- Building size/type: adjustable from 1 to 20, standard set at 10. It establishes the system reaction speed according to the type of system present. For example:

Value	System type
5	System with little heat inertia
10	System with normal dimensions with radiators
20	System with heat inertia (e.g. floor-standing system)

- NTC use (room/outdoor temp.): allows selecting the use of the room sensor or of the

external probe.

- Room antifreeze use: allows enabling/disabling the antifreeze function.
- Room antifreeze temperature set: allows setting the room temperature for activation of the anti-freeze function. Can be regulated from 0°C to 10°C and is set at 5°C as standard.
- Set minimum central heating (SetMinCH): allows to regulate the central heating flow minimum temperature value. Moreover, this value is used to calculate the curves used for the external probe. Values that are too high can cause flow temperatures that are too high on average for room central heating.
- Set maximum central heating (SetMaxCH): allows to regulate the maximum CH flow temperature value.
- Factory data reset.

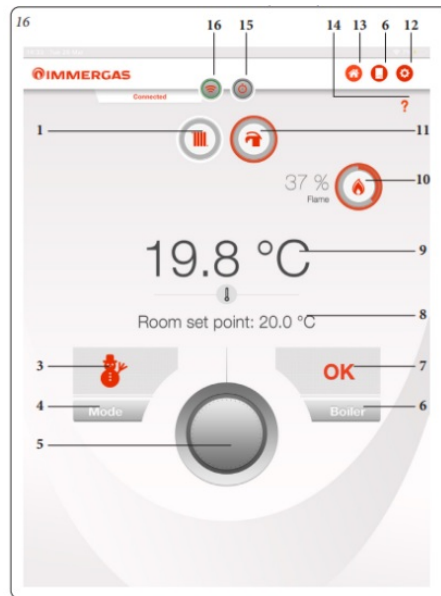
2.2 CONFIGURATIONS MANAGEMENT.

Device connected to Dominus	Parameters management with Dominus connection	Dominus activation via APP
Room Thermostat or similar system.	The mode, the flow and DHW set, must be set within the app. The boiler will be activated in the presence of request of the connected Room Thermostat.	<p>The forcing is only enabled with the consent of the room thermostat at inlet; use the Dominus relay to enable the consent, see the diagram.</p> <p>The flow set is the same calculated before the activation.</p>

Room Ther- m ostat or similar system room s ensor connecte d to Dominus.	The mode, the flow and DHW se t, must be set within the app; als o, the desired values must be se t in the Dominus parameters me nu for enabling the boiler flow m odulation. The boiler will be activ ated in the presence of request of the connected Room Thermost at and according to the room se tpoint set by the app.	The forcing is only enabled with t he consent of the room thermost at inlet; use the Dominus relay to enable the consent, see the diag ram. The flow set is the same ca lculated before the activation.
Room Ther- m ost at or similar sys- tem + roo m sensor conn ected to Domin us in error	The mode must be set within the app while the flow set is set to m inimum with room mod- ulation p resent. The boiler will be activate d in the presence of request of t he connected Room Thermostat.	The setpoint is set to mini- mum by Dominus with re- quest in pro gress.
CAR connected to D ominus.	The boiler is entirely managed b y the CAR system.	The boiler is entirely managed b y Dominus according to the para meters set on the App.

TABLET CONNECTED TO BOILER (EXCLUDING VICTRIX MAIOR / EXTRA AND SUPERIOR).

3.1 DESCRIPTION OF “HOME” PAGE (FIG. 16).

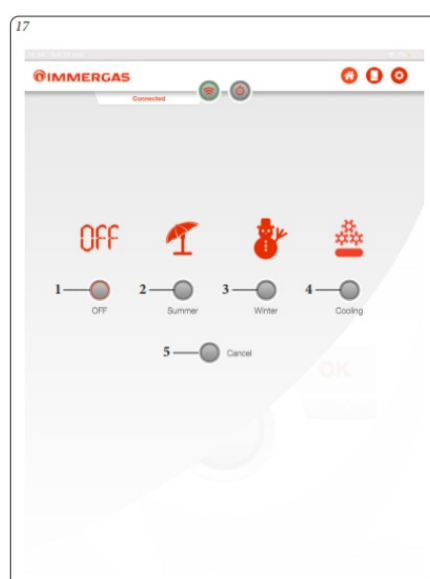


Ref	Description
1	Display current boiler operation (central heating).
2	Outdoor temperature display.
3	Operating mode display.
4	Operation mode access button.
5	“Set Room” temperature adjustment knob.
6	“Boiler” page access button
7	Display boiler status.
8	Display room temperature set.
9	Measured room temperature display.
10	Flame modulation percentage display.
11	Display current boiler operation (domestic hot water).
12	“Configuration” page access button.
13	“Home” button

14	Instructions and warnings manual Download Help
15	“Enable device” page access button.
16	Wi-Fi connection with boiler enabling button (flashes to indicate active connection).

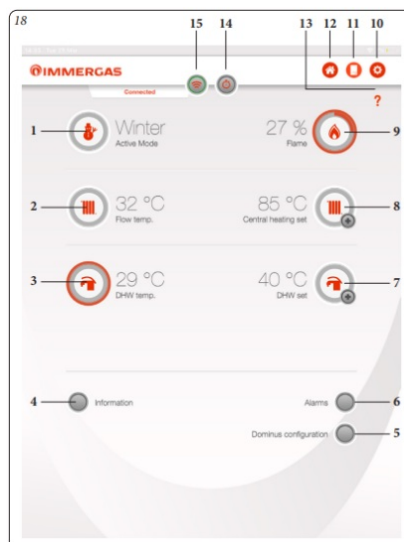
N.B: the parameters displayed depend on the type of boiler to which the Wi-Fi module is connected.

3.2 DESCRIPTION OF “OPERATING MODE” PAGE (FIG. 17).



Ref	Description
1	OFF – Boiler off.
2	Summer – Only the DHW heating function is enabled.
3	Winter – DHW heating and room central heating buttons are enabled.
4	Cooling – The cooling and DHW central heating function is enabled.
5	Cancel – Pressing this returns to the “Home” page (Fig. 16).

3.3 DESCRIPTION OF “BOILER” PAGE (FIG. 18).



Ref	Description
1	Operating mode display.
2	CH water temperature display.
3	DHW temperature display.
4	“Information” page access button.
5	“Dominus Configuration” page access button.
6	“Alarms” page access button.
7	Set DHW temperature display. Pressing the button () allows access to the DHW temperature adjustment page.
8	Set CH water temperature display. Pressing the button () allows access to the CH water temperature adjustment page.
9	Flame modulation percentage display.
10	“Configuration” page access button.
11	“Boiler” page access button
12	“Home” button
13	Instructions and warnings manual Download Help

14	“Enable device” page access button.
15	Wi-Fi connection with boiler enabling button (flashes to indicate active connection).

N.B: the parameters displayed depend on the type of boiler to which the Wi-Fi module is connected.

3.4 DESCRIPTION OF THE “ENABLE DEVICE” PAGE (FIG.19).



Ref	Description
1	Enable Device – The “Dominus” application takes control of the boiler until it is disabled or until the Wi-Fi connection is lost. As soon as the device is disabled, control returns to the device present on site.
2	Timing Device – The boiler is controlled by the “Dominus” application until the time set during the setting selection ends. At the end of the set time, control returns to the device on site. N.B.: In case of timed activation, to disable the device you must reset the remaining time.
3	Cancel – Pressing this returns to the “Home” page (Fig. 16).

3.5 BOILER INFORMATION (FIG. 20).

From the “Boiler”, page, pressing the “Information” button (Ref. 4, Fig. 18) displays the following screen.



Ref	Description
1	Page selection button
2	Indication of active page
3	Wi-Fi connection with boiler enabling button (flashes to indicate active connection).
4	Button to go back to the “Boiler” page

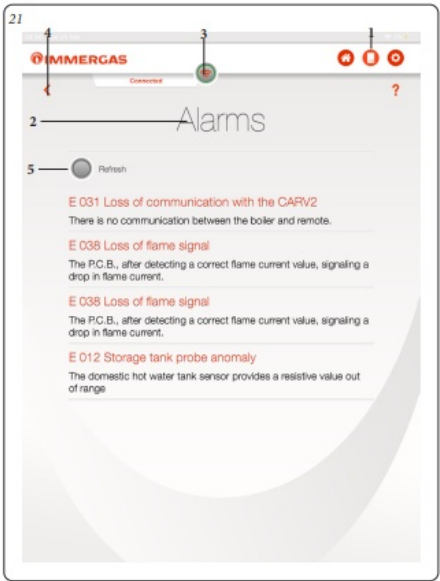
3.6 DIAGNOSTICS AND ERRORS (FIG. 21).

The “Dominus” application continually controls the functioning status of the boiler and signals any Alarmss, stating the corresponding error code on the display.

The error codes have meaning depending on the boiler to which the “Dominus” application is connected. Therefore, refer to the boiler instruction book for a complete list of error codes and their relative meaning.

In the case of a fault that cannot be reset, contact a qualified technician (e.g. the Immergas After-Sales Technical Assistance Service). “Exxx” appears on the display of the “Alarms” page in the event of an error, where “xxx” stands for the number that

identifies the error code. The following page is an example.



Ref	Description
1	Page selection button
2	Indication of active page
3	Wi-Fi connection with boiler enabling button (flashes to indicate active connection).
4	Button to go back to the “Boiler” page
5	Alarm list update button



3.7 SELECTION OF OPERATING MODE.

You may select the following functions by pressing the “Operating mode” button (Ref. 4 Fig. 16) and (Ref. 1 Fig. 18): OFF, Summer, Winter, Cooling.



Note: the room antifreeze function is active in the modes: summer, winter.

- Off mode. The room anti-freeze function is not guaranteed in this mode (the boiler anti-freeze function remains active).
- Summer mode (☀️ 🔌). In this mode the system is enabled for producing domestic hot water excluding space central heating.
- Winter mode (❄️ 🔌). In winter mode the system is enabled for producing domestic hot

water and for space central heating.


- Cooling mode  . In cooling mode the system is enabled for DHW production and to control an outdoor condensing unit (only for models set-up) for space cooling.


3.8 SUMMER MODE FUNCTIONS.

With the “Dominus” application in summer mode   only the production of DHW is enabled.



The system produces hot water according to the DHW temperature set.

3.9 DHW TEMPERATURE SETTING.

Pressing the button () on the “boiler” page (ref. 7, Fig. 14) for versions connected to boiler and “Home” (Ref. 6, Fig. 24) for versions connected to a hybrid system, allows you to set the domestic hot water temperature.



The temperature is memorised after the button  is pressed.

3.10 WINTER MODE FUNCTIONS.

With the system in winter mode   the production of DHW and space central heating are enabled.





The room temperature is maintained constant at the value set by the user when the room temperature value is available; otherwise, the flow temperature set in the system is maintained.

3.11 TEMPERATURE SETTING.

Pressing the button () on the “boiler” page (ref. 12, Fig. 18) for versions connected to boiler allows you to set the DHW temperature. The temperature is memorised after the button  is pressed.

To set the desired room temperature with the device connected to the boiler, simply turn the knob (Ref. 5, Fig. 16) on the “Home” page. The display will show, in real time, the room temperature set (ref. 8, Fig. 18). The display will show, in real time, the room temperature set (ref. 9, Fig.16).


Any room temperature from +10°C to +35°C can be selected, which will be kept constant until new adjustments are made or a different mode is selected.

From the winter function mode   it is possible to regulate the boiler flow temperature. The adjustment is made by pressing the button () on the boiler page (ref. 8, Fig. 18). The temperature is memorised after the button  is pressed.

N.B.: an excessively low boiler flow temperature adjustment (below 60°C for traditional systems) may not allow to reach the desired room temperature. The system flow

temperature during normal operation is anyhow managed automatically by the system itself based on the settings made. Therefore, it is not certain that the boiler works at the temperature set but functions at a lower flow temperature, but correct to obtain the desired room temperature.


3.12 COOLING MODE FUNCTIONS.

With the system in cooling mode  , both DHW and room cooling functions are enabled.

Attention: this function can only be used with Immergas appliances that manage the cooling mode.

The room temperature is maintained constant at the value set by the user when the room temperature value is available; otherwise, the flow temperature set in the system is maintained.



3.13 TEMPERATURE SETTINGS.

Pressing the button () on the “boiler” page (ref. 7, Fig. 18) for versions connected to boiler and “Home” (Ref. 6, Fig. 24) for versions connected to a hybrid system, allows you to set the domestic hot water temperature.

The temperature is memorised after the button  is pressed.

To set the desired room temperature with the device connected to the boiler, simply turn the knob (Ref. 5, Fig. 16) on the “Home” page. The display will show, in real time, the room temperature set (ref. 8, Fig. 18). The display will show, in real time, the room temperature set (ref. 9, Fig.16).

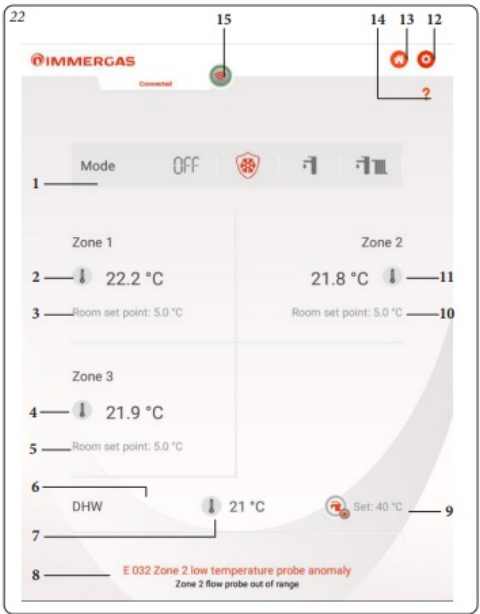
Any room temperature from +10°C to +35°C can be selected, which will be kept constant until new adjustments are made or a different mode is selected.

From the cooling function  you may adjust the flow temperature of the system. When the system is connected to the boiler, the adjustment is made based on the settings of the parameters on the boiler. The temperature is memorised after the button  is pressed.

The system flow temperature during normal operation is anyhow managed automatically by the system itself based on the settings made. Therefore, it is not certain that the system works at the temperature set but runs at a higher flow temperature, but correct to obtain the desired room temperature.

TABLET CONNECTED TO A SUPERIOR BOILER.

4.1 DESCRIPTION OF “HOME” PAGE (FIG. 22).

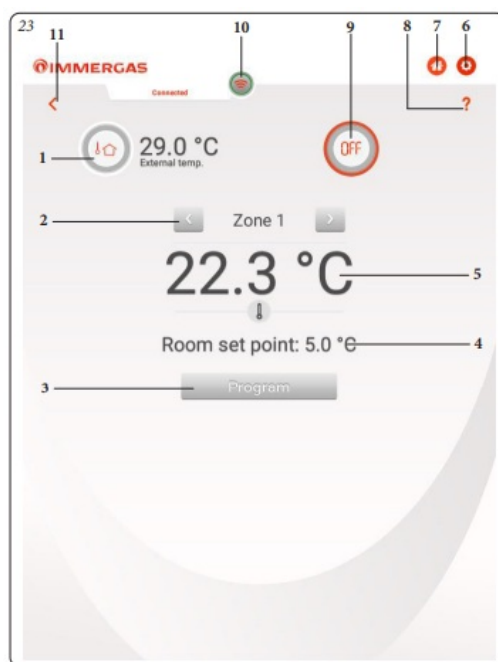


Ref	Description
1	Operating mode (OFF / STAND-BY / DHW / DHW + CH
2	Measured room temperature of Zone 1 display
3	Zone 1 room temperature set
4	Measured room temperature of Zone 3 display
5	Zone 3 room temperature set
6	DHW schedule button
7	DHW temperature display
8	Alarmss display
9	DHW temperature set
10	Zone 2 room temperature set
11	Measured room temperature of Zone 2 display
12	“Configuration” page access button

13	“Home” button
14	Instructions and warnings manual Download Help
15	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)

N.B: the display of the value for Ref. “2”, “11” and “4” depends on the configuration of the system. Clicking the box including one of the Zones (Ref. “2”, “11” or “4”) opens a page displaying further information, such as: – external temperature; – operating mode (OFF/MANUAL/AUTO); – any request by the system. The screen allows you to access a series of functions to define the main Setpoints and operation time slots of the system in the different days of the week by pressing the “Programming” key.

4.2 DESCRIPTION OF “ZONE MANAGEMENT” PAGE (FIG. 23).

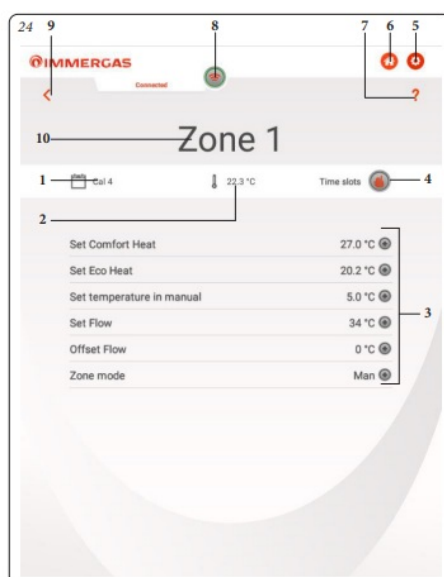


Ref	Description
1	Outdoor temperature display
2	Button to go to other zones
3	Button to go to Set/Programming screen

4	Room temperature set display
5	Measured room temperature display
6	“Configuration” page access button
7	“Home” button
8	Instructions and warnings manual Download Help
9	Indication of room Set used: – AUTO, follows the schedule set by the user; – Manual, follows a fixed adjustment of the temperature set by the user without schedule
10	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
11	Cancel – Pressing this returns to the “Home” page (Fig. 22).

Clicking “Programming” opens a screen displaying the main setpoints (editable by clicking the + key next to each Set) (Ref. 3, Fig. 22), the current calendar of reference (Ref. 1, Fig. 22), the room temperature (Ref. 2, Fig. 22) the key to access the area for defining the time slots (Ref. 4, Fig. 22).

4.3 DESCRIPTION OF “SET / PROGRAMMING” PAGE (FIG. 24).



Ref	Description
1	Indicates the active calendar
2	Indicates the measured room temperature
3	Set editable with the “+” key
4	Schedule button
5	“Configuration” page access button
6	“Home” button
7	Instructions and warnings manual Download Help
8	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
9	Press to go back to the previous page
10	Displays the Zone being defined

On the “Programming” page, you may define up to 4 calendars (Ref. 4, Fig. 24) to set the switch on and switch off time of the system throughout the day (Fig. 27) then usable to perform weekly programming (Fig. 25 and 26).

4.4 DESCRIPTION OF “WEEKLY PROGRAMMING” PAGE (FIG. 25).

Clock and programs.

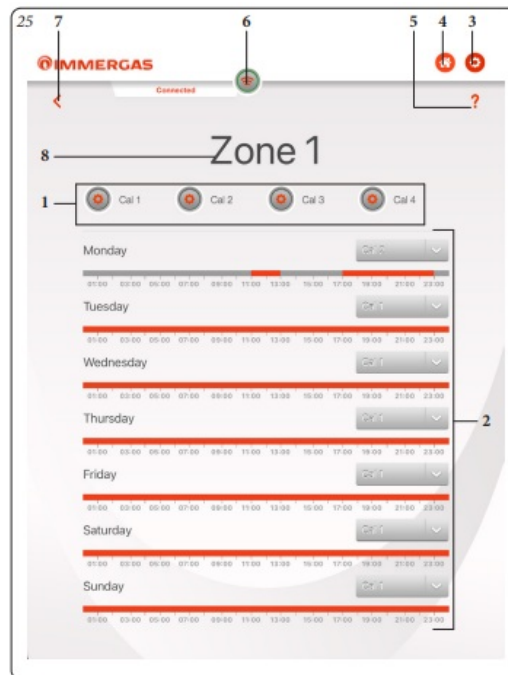
From this menu, it is possible to set the time slots for operation in Comfort and Economy mode.

– Time slots. The Dominus enables you to set 4 calendars with 4 time operating slots in system comfort mode. The system will operate in economy mode during out-of-range time of these 4 time slots.

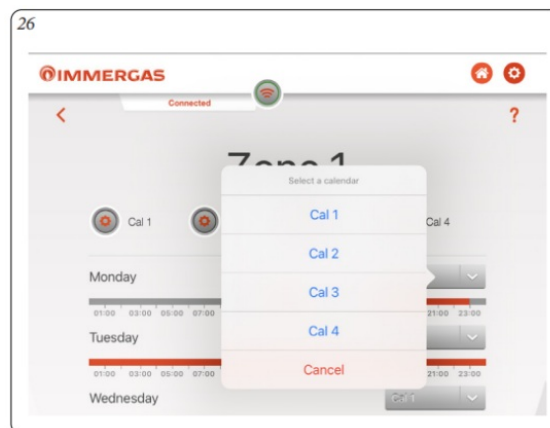
After setting these 4 calendars it is possible to associate them to the various days of the week (Ref. 2, Fig. 25).

– Having entered the menu by pressing “Cal. n.” (Ref. 1, Fig. 25) you go to the screen to define the switch on/off intervals.

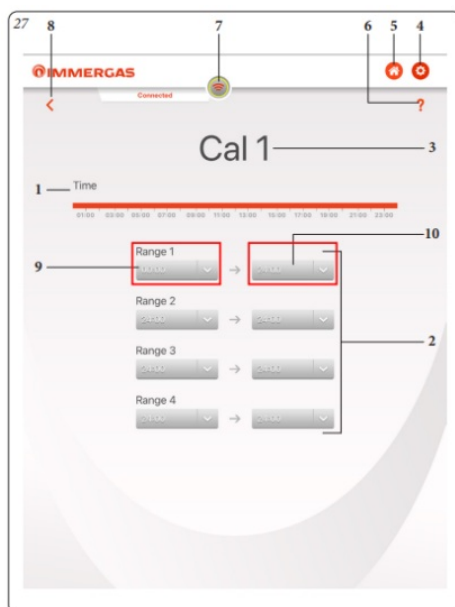
– When you’ve finished programming a calendar, pressing the go back to previous page button allows you to program any other available calendars.



Clicking the button “Calendar assignment” (Ref. 2, Fig. 25) allows you to set the calendar for each day of the week (Fig. 18).



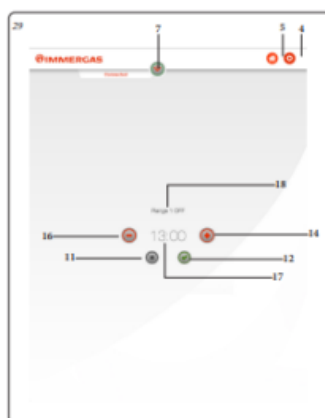
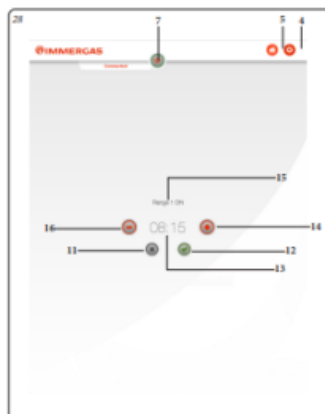
4.5 DESCRIPTION OF “CALENDAR DEFINITION” PAGE (FIG. 27 / 28 / 29).



Pressing the button “Definition of interval start time” (Ref. 9, Fig. 27) or “Definition of interval end time” (Ref. 10, Fig 27) allows you to access the screen where you may define the start time ON and end time OFF using the “+” and “-” buttons.

Ref	Description
1	Timeline
2	Ignition intervals
3	Displays the calendar being defined
4	“Configuration” page access button
5	“Home” button
6	Instructions and warnings manual Download Help
7	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
8	Button to go back to previous page/screen
9	ON – definition of interval starting time 1
10	OFF – definition of interval end time 1

11	Close screen button (without saving settings)
12	Set parameters confirmation button
13	Displays the ON starting time set for the selected interval
14	“+” button to increase the set time
15	Displays the interval selected from 1 to 4 for the ON starting time
16	“-” button to decrease the set time
17	Displays the OFF end time set for the selected interval
18	Displays the interval selected from 1 to 4 for the OFF end time



4.6 SELECTION OF OPERATING MODE.

You may select the following functions by pressing the “Operating mode” button (Ref. 1 Fig. 22): Standby, Summer, Winter.

Note: the room antifreeze function is active in the modes: summer, winter.

- Off mode. In this mode, the room antifreeze function is not active (it can only be activated and deactivated from the panel on the boiler).
- Standby Mode (❄️). This mode only guarantees the room antifreeze and boiler function.
- Summer mode (☀️). In this mode the system is enabled for producing domestic hot water excluding space central heating.
- Winter mode (❄️🔥). In winter mode the system is enabled for producing domestic hot water and for space central heating.

4.7 SUMMER MODE FUNCTIONS.

With the “Dominus” application in summer mode (☀️), only the production of DHW is enabled.

The system produces hot water according to the DHW temperature set.

4.8 DHW TEMPERATURE SETTING.

Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 22) allows you to set the domestic hot water temperature.

The temperature is memorised after the button ⏵ is pressed.

4.9 WINTER MODE FUNCTIONS.

With the system in winter mode (❄️🔥), the production of DHW and space central heating are enabled.

The room temperature is maintained constant at the value set by the user when a room probe is available for the selected zone; otherwise, the flow temperature set in the system is maintained.

4.10 TEMPERATURE SETTING.

Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 22) allows you to set the domestic hot water temperature. The temperature is memorised after the button ⏵ is pressed.

To set the desired room temperature with the zone set in automatic (“Zone mode” = Auto) you must change the “Heat Comfort Set” temperature to adjust the temperature when central heating has been programmed active.

Whereas changing the “Heat Eco Set” temperature adjusts the temperature when heating has not been programmed active.

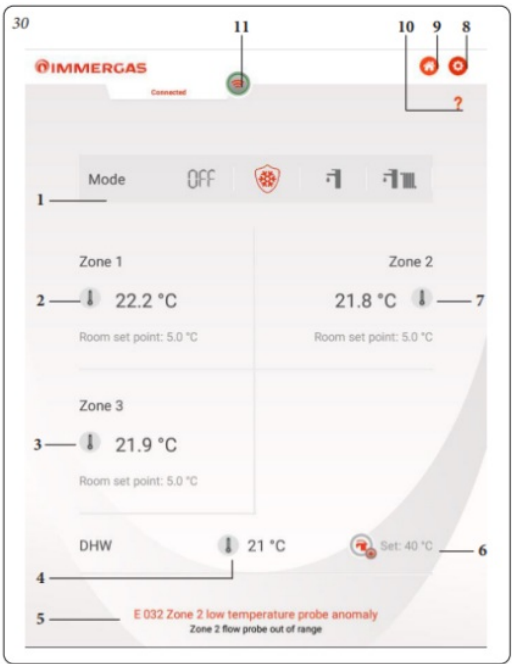
If the zone is set in manual mode (“Zone mode” = Man) the room temperature is adjusted by changing the Set temperature value in manual and this value will be

maintained regardless of the schedule Any room temperature from +10°C to +35°C can be selected, which will be kept constant until new adjustments are made or a different mode is selected. If there are no room probes, the flow temperature can be adjusted by changing the “Set Flow” value. This value will be maintained when the calendar has been programmed active if the zone mode was set at Auto, while it will be maintained regardless of the schedule if the zone mode was set at Man.

N.B.: an excessively low boiler flow temperature adjustment (below 60°C for traditional systems) may not allow to reach the desired room temperature. The system flow temperature during normal operation is anyhow managed automatically by the system itself based on the settings made.

TABLET CONNECTED TO A MAIOR/EXTRA BOILER.

5.1 DESCRIPTION OF “HOME” PAGE (FIG. 30).



Ref	Description
1	Operating mode (OFF / STAND-BY / DHW / DHW + CH
2	Measured room temperature of Zone 1 display
3	Measured flow temperature of Zone 3 display
4	DHW temperature display

5	Alarmss display
6	DHW temperature set
7	Measured flow temperature of Zone 2 display
8	“Configuration” page access button
9	“Home” button
10	Instructions and warnings manual Download Help
11	Enable Wi-Fi connection button (flashes to view the active connection)

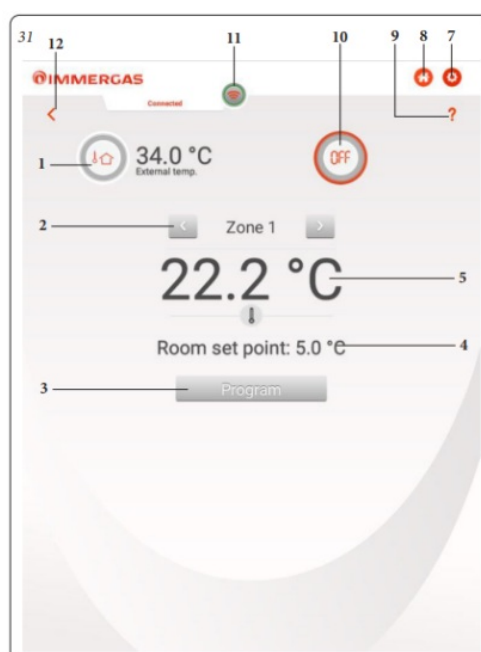
N.B: the display of the value for Ref. “2”, “3” and “7” depends on the configuration of the system.

Clicking the box including one of the Zones (Ref. “2”, “3” or “7”) opens a page displaying further information, such as:

- external temperature;
- operating mode;
- any request by the system.

The screen allows you to access a series of functions to define the main Setpoints by pressing the “Programming” key.

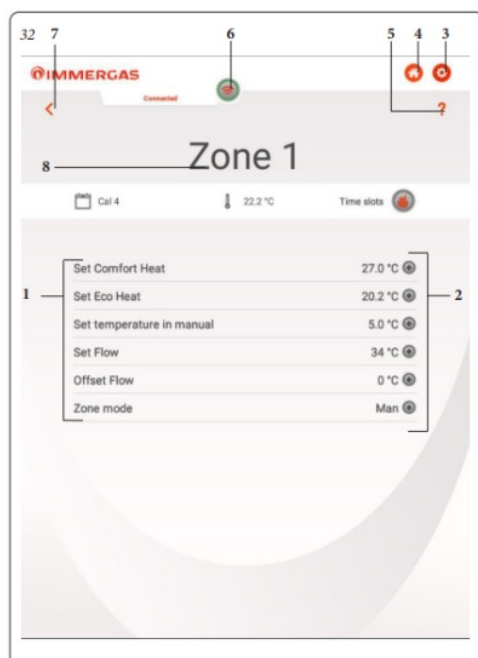
5.2 DESCRIPTION OF “ZONE INFORMATION” PAGE (FIG. 31).



Ref	Description
1	Outdoor temperature display
2	Possibility of changing the concerned Zone
3	Button to go to Set/Programming screen
4	Set flow temperature display
5	Measured flow temperature display
6	Current boiler operation display
7	“Configuration” page access button
8	“Home” button
9	Instructions and warnings manual Download Help
10	Indication of flow Set used
11	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
12	Cancel – Pressing this returns to the “Home” page (Fig. 30)

Clicking “Programming” opens a screen displaying the main setpoints (editable by clicking the + key next to each Set) (Ref. 2, Fig. 32).

5.3 DESCRIPTION OF “SET / PROGRAMMING” PAGE (FIG. 32).



Ref	Description
1	Indicates the enabled Setpoint
2	Set editable with the “+” key
3	“Configuration” page access button
4	“Home” button
5	Instructions and warnings manual Download Help
6	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
7	Press to go back to the previous page
8	Displays the Zone being defined

5.4 SELECTION OF OPERATING MODE.

You may select the following functions by pressing the “Operating mode” button (Ref. 1 Fig. 30): Standby, Summer, Winter.

- Off mode. In this mode, the room antifreeze function is not active (it can only be activated and deactivated from the panel on the boiler).

- Standby Mode (❄️). This mode only guarantees the boiler antifreeze function.
- Summer mode (☀️). In this mode the system is enabled for producing domestic hot water excluding space central heating.
- Winter mode (❄️🔥). In winter mode the system is enabled for producing domestic hot water and for space central heating.

5.5 SUMMER MODE FUNCTIONS.

With the “Dominus” application in summer mode (☀️), only the production of DHW is enabled.

The system produces hot water according to the DHW temperature set.

5.6 DHW TEMPERATURE SETTING.

Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 30) allows you to set the domestic hot water temperature.

The temperature is memorised after the button ⏵ is pressed.

5.7 WINTER MODE FUNCTIONS.

With the system in winter mode (❄️🔥), the production of DHW and space central heating are enabled.

The room temperature is maintained constant at the value set by the user when a room probe is available for the selected zone; otherwise, the flow temperature set in the system is maintained.

5.8 TEMPERATURE SETTING.

Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 30) allows you to set the domestic hot water temperature.

The temperature is memorised after the button ⏵ is pressed.

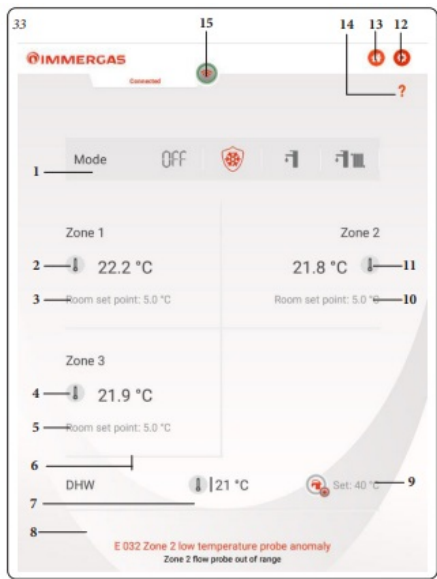
You can change the flow temperature by changing the “Flow Set” value or, if there is an external probe, by acting on the “set K” value to change the flow correction law based on the outdoor temperature.

N.B.: an excessively low boiler flow temperature adjustment (below 60°C for traditional systems) may not allow to reach the desired room temperature.

The system flow temperature during normal operation is anyhow managed automatically by the system itself based on the settings made.

TABLET CONNECTED TO A HYBRID SYSTEM.

6.1 DESCRIPTION OF “HOME” PAGE (FIG. 33).



Ref	Description
1	Operating mode (STAND-BY / DHW / DHW + COOLING / DHW + C.H.)
2	Measured room temperature of Zone 1 display
3	Zone 1 room temperature set
4	Measured room temperature of Zone 3 display
5	Zone 3 room temperature set
6	DHW schedule button
7	DHW temperature display (only for preset models)
8	Alarmss display
9	DHW temperature set (only for preset models)
10	Zone 2 room temperature set
11	Measured room temperature of Zone 2 display
12	“Configuration” page access button

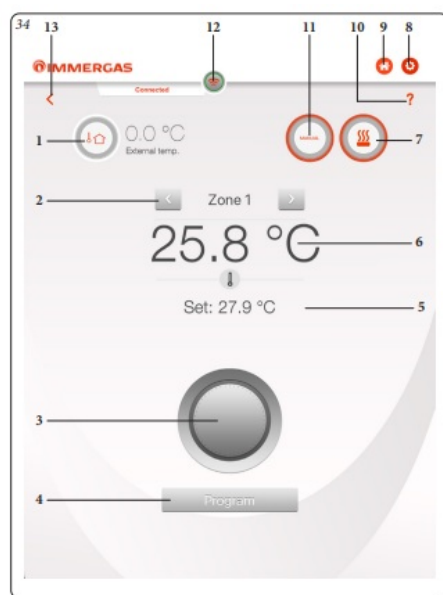
13	“Home” button
14	Instructions and warnings manual Download Help
15	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)

N.B: the display of the value for Ref. “2”, “4” and “11” depends on the configuration of the system. Clicking the box including one of the two Zones (Ref. “2”, “4” or “11”) opens a page displaying further information, such as: – external temperature; – operating mode (MANUAL/ECONOMY/COMFORT);

– any request by the system.

The screen allows you to manually adjust the “Room set” and to access a series of functions to define the main Setpoints and operation time slots of the system in the different days of the week by pressing the “Programming” key.

6.2 DESCRIPTION OF “ZONE MANAGEMENT” PAGE (FIG. 34).

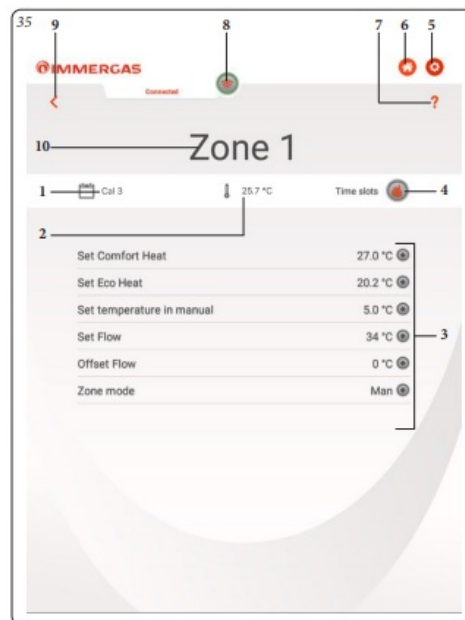


Ref	Description
1	Outdoor temperature display
2	Button to go to other zones
3	“Set Room” temperature adjustment knob

4	Button to go to Set/Programming screen
5	Room temperature set display
6	Measured room temperature display
7	Current boiler / heat pump operation display
8	“Configuration” page access button
9	“Home” button
10	Instructions and warnings manual Download Help
11	Indication of room Set used: – Economy/Comfort, follows the schedule set by the user; – Manual, follows any changes made by pressing the knob (Ref. 3, Fig. 19)
12	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
13	Cancel – Pressing this returns to the “Home” page (Fig. 33).

Clicking “Programming” opens a screen displaying the main setpoints (editable by clicking the + key next to each Set) (Ref. 3, Fig. 33), the current calendar of reference (Ref. 1, Fig. 33), the room temperature (Ref. 2, Fig. 33) the key to access the area for defining the time slots (Ref. 4, Fig. 33).

6.3 DESCRIPTION OF “SET / PROGRAMMING” PAGE (FIG. 35).



Ref	Description
1	Indicates the active calendar
2	Indicates the measured room temperature
3	Set editable with the “+” key
4	Schedule button
5	“Configuration” page access button
6	“Home” button
7	Instructions and warnings manual Download Help
8	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
9	Press to go back to the previous page
10	Displays the Zone being defined

On the “Programming” page, you may define up to 4 calendars (Ref. 4, Fig. 33) for the switch on and switch off schedule of the system throughout the day (Fig. 38) then usable to perform weekly programming (Fig. 36 and 37).

6.4 DESCRIPTION OF “WEEKLY PROGRAMMING” PAGE (FIG. 36).

Clock and programs.

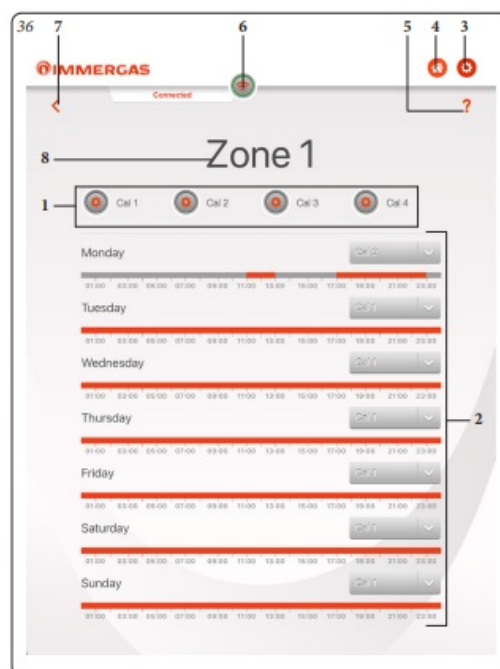
From this menu, it is possible to set the time slots for operation in Comfort and Economy mode.

– Time slots. The Dominus enables you to set 4 calendars with 4 time operating slots in system comfort mode. The system will operate in economy mode during out-of-range time of these 4 time slots.

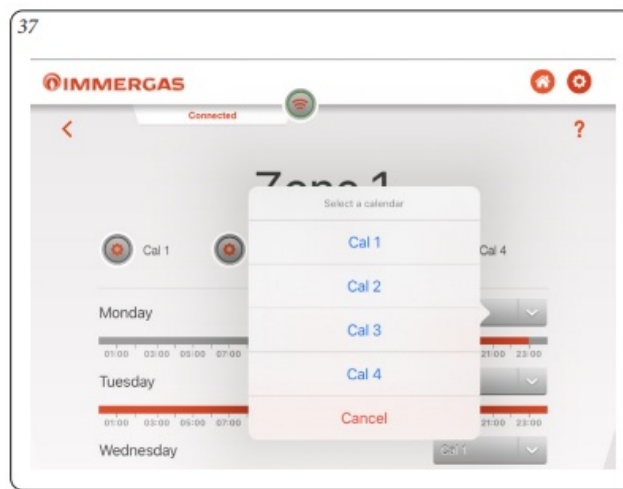
After setting these 4 calendars it is possible to associate them to the various days of the week (Ref. 2, Fig. 36).

– Having entered the menu by pressing “Cal. n.” (Ref. 1, Fig. 36) you go to the screen to define the switch on/off intervals.

– When you’ve finished programming a calendar, pressing the go back to previous page button allows you to program any other available calendars.

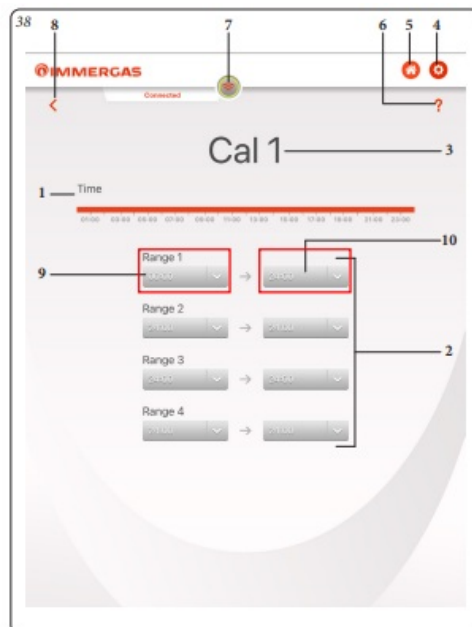


Clicking the button “Calendar assignment” (Ref. 2, Fig. 36) allows you to set the calendar for each day of the week (Fig. 37).



Ref	Description
1	Calendar definition buttons
2	Assignment of calendar to each day of the week
3	“Configuration” page access button
4	“Home” button
5	Instructions and warnings manual Download Help
6	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
7	Button to go back to previous page/screen
8	Displays the Zone being defined

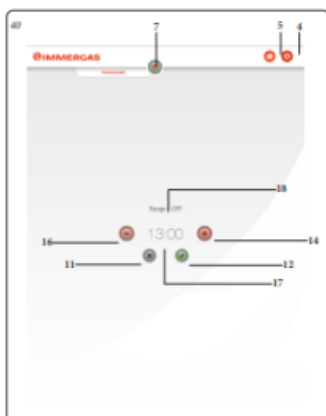
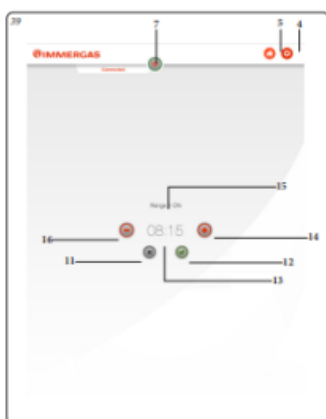
6.5 DESCRIPTION OF “CALENDAR DEFINITION” PAGE (FIG. 38 / 39 / 40).



Pressing the button “Definition of interval start time” (Ref. 9, Fig. 38) or “Definition of interval end time” (Ref. 10, Fig. 39) allows you to access the screen where you may define the start time ON and end time OFF using the “+” and “-” buttons (Fig. 40).

Ref	Description
1	Timeline
2	Ignition intervals
3	Displays the calendar being defined
4	“Configuration” page access button
5	“Home” button
6	Instructions and warnings manual Download Help
7	Enable Wi-Fi connection button (it flashes to display the connection active; red frame =not connected, yellow= connecting, green=connected)
8	Button to go back to previous page/screen
9	ON – definition of interval starting time 1
10	OFF – definition of interval end time 1




11	Close screen button (without saving settings)
12	Set parameters confirmation button
13	Displays the ON starting time set for the selected interval
14	“+” button to increase the set time
15	Displays the interval selected from 1 to 4 for the ON starting time
16	“-” button to decrease the set time
17	Displays the OFF end time set for the selected interval
18	Displays the interval selected from 1 to 4 for the OFF end time




6.6 SELECTION OF OPERATING MODE.

You may select the following functions by pressing the “Operating mode” button (Ref. 1 Fig. 33): OFF, Summer, Winter, Cooling.

Note: the room antifreeze function is active in the modes: summer, winter.

- Off mode. The room anti-freeze function is not guaranteed in this mode (the boiler anti-freeze function remains active).
- Summer mode (). In this mode the system is enabled for producing domestic hot water excluding space central heating.
- Winter mode (). In winter mode the system is enabled for producing domestic hot water and for space central heating.
- Cooling mode (). In cooling mode, the system is enabled for the production of domestic hot water for cooling rooms.

6.7 SUMMER MODE FUNCTIONS.

With the “Dominus” application in summer mode (), only the production of DHW is enabled.


The system produces hot water according to the DHW temperature set.

6.8 DHW TEMPERATURE SETTING.

Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 33) allows you to set the domestic hot water temperature.

The temperature is memorised after the button  is pressed.

6.9 WINTER MODE FUNCTIONS.

With the system in winter mode (), the production of DHW and space central heating are enabled.

The room temperature is maintained constant at the value set by the user when the room temperature value is available; otherwise, the flow temperature set in the system is maintained.


6.10 TEMPERATURE SETTING.


Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 20) allows you to set the domestic hot water temperature.

The temperature is memorised after the button  is pressed.

To set the desired room temperature, simply rotate the knob (Ref. 3, Fig. 34) on the “Zone management” page. The display will show, in real time, the room temperature set (Ref. 5, Fig. 34).

Any room temperature from +10°C to +35°C can be selected, which will be kept constant until new adjustments are made or a different mode is selected.


From the winter function () you may adjust the flow temperature by pressing the button “+” on the “Set / Programming” page (Ref. 3, Fig. 35). The temperature is

memorised after the button  is pressed.

N.B.: an excessively low boiler flow temperature adjustment (below 60°C for traditional systems) may not allow to reach the desired room temperature.

The system flow temperature during normal operation is anyhow managed automatically by the system itself based on the settings made.

6.11 COOLING MODE FUNCTIONS.

With the system in cooling mode (), both DHW and room cooling functions are enabled.

Attention: this function can only be used with Immergas appliances that manage the cooling mode.

The room temperature is maintained constant at the value set by the user when the room temperature value is available; otherwise, the flow temperature set in the system is maintained.



6.12 TEMPERATURE SETTINGS.

Pressing the button “DHW temperature set” on the “Home” page (Ref. 9, Fig. 33) allows you to set the domestic hot water temperature.

The temperature is memorised after the button  is pressed.

To set the desired room temperature, simply rotate the knob (Ref. 3, Fig. 34) on the “Zone management” page. The display will show, in real time, the room temperature set (Ref. 5, Fig. 34).

Any room temperature from +10°C to +35°C can be selected, which will be kept constant until new adjustments are made or a different mode is selected.

From the cooling function () you may adjust the flow temperature of the system. Press the “+” button of the “Set / Programming” page (Ref. 3, Fig. 22). The temperature is memorised after the button  is pressed. The system flow temperature during normal operation is anyhow managed automatically by the system itself based on the settings made.

Immergas S.p.A.

42041 Brescello (RE) – Italy







Tel. 0522.689011


immergas.com

To request further specific details, sector Professionals can also use the following e-mail address: consulenza@immergas.com

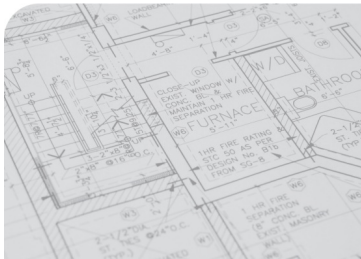
During the useful life of the products, performance is affected by external factors, e.g.

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.

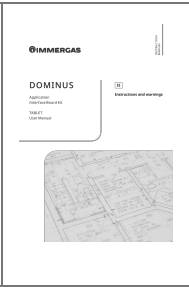




The instruction manual is printed on eco-friendly paper.



Documents / Resources

	IMMERGAS DOMINUS Application Interface Board Kit [pdf] Instruction Manual DOMINUS Application Interface Board Kit, DOMINUS, Application Interface Board Kit, Interface Board Kit, Board Kit
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References

- [User Manual](#)

IMMERGAS

Application Interface Board Kit, Board Kit, Dominus, DOMINUS Application Interface Board Kit, IMMERGAS, Interface Board Kit

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