

EXPERIENCE OUR INNOVATION

**Rinnai**  
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A close-up portrait of a woman with striking blue eyes and dark, well-defined eyebrows. She is wearing a vibrant red, textured knit scarf that frames her face. The lighting is soft, highlighting her skin and the texture of the scarf. The overall mood is serene and focused.

Mirai. Vede tutto, vede oltre.

## Introduction of new **MIRAI** range



**MIRAI**

Mirai 未来

is a Japanese word that means Future.

We chose this word for the first boiler entirely designed and built by Rinnai Corporation for the Western market.

To meet the different needs of comfort,  
Mirai comes in a range of 3 models:

**M 24, M 29, M 34**

**M 24 REB-KA2024FF**

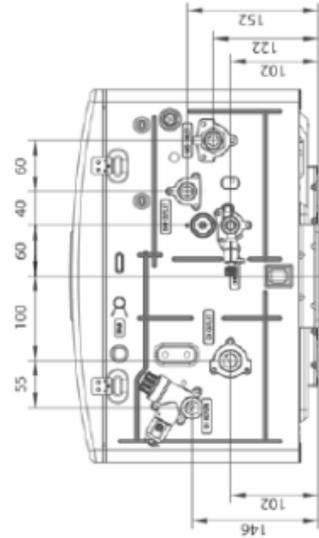
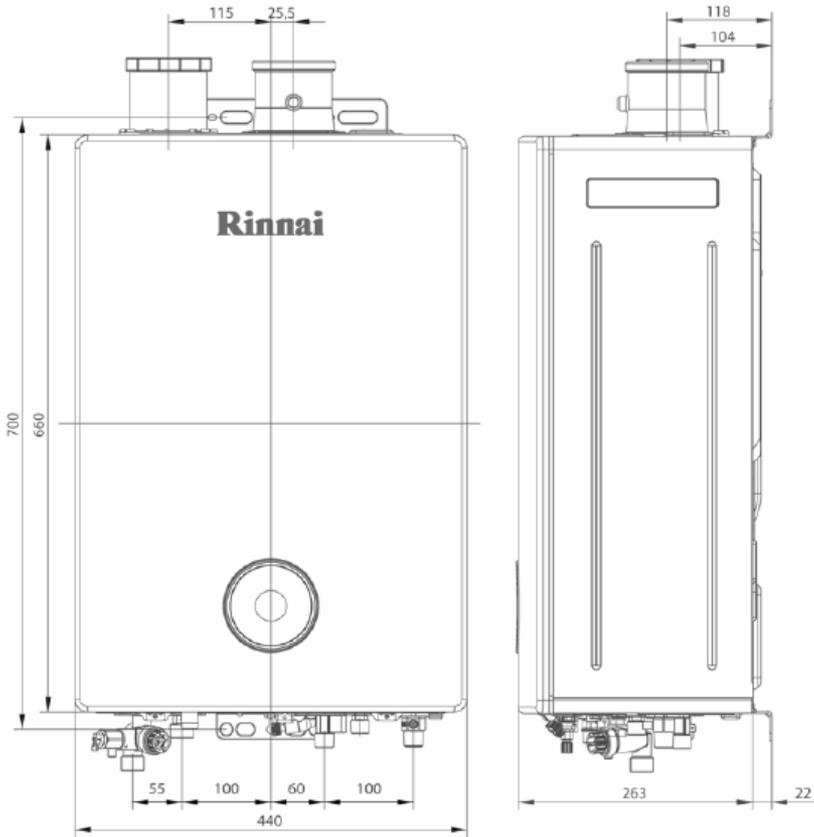
**M 29 REB-KA2529FF**

**M 34 REB-KA3135FF**

Heating power for heating[ kW]

Heating power for hot water [kW]

# Dimensions



It's smaller than a bathroom wall unit!



H x W x D =  
660 x 440 x 285 mm

**IPx5D**

## Indoor climate probe



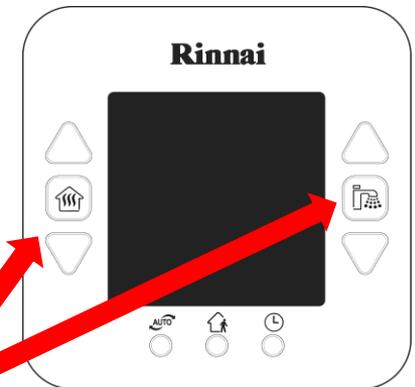
Mirai simplifies the installation because it integrates the climate probe inside

The climate probe is in fact installed in the air intake

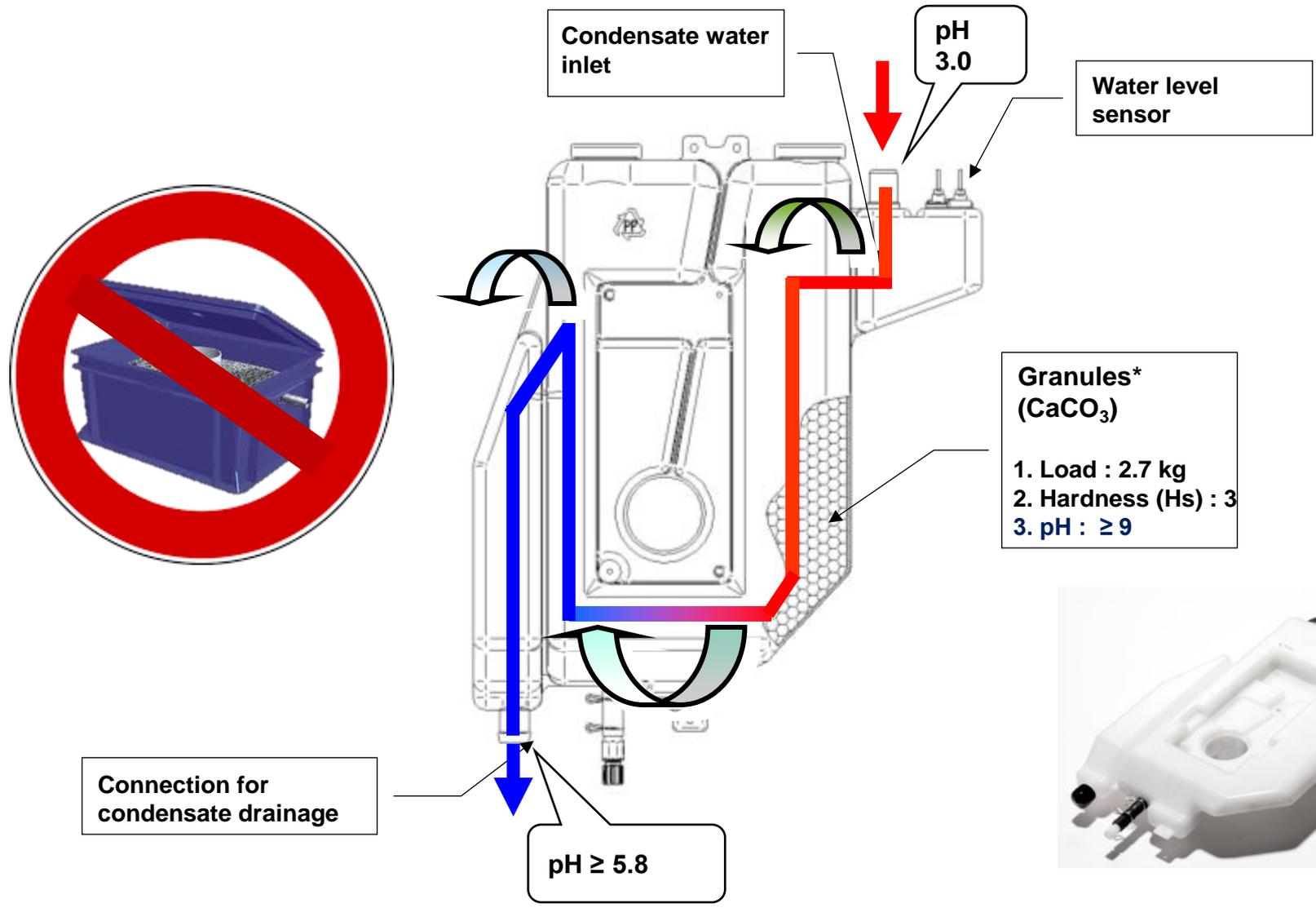
selecting the AUTO function, while the probe detects the external temperature and the temperature **sensor on the control panel does the same with the internal temperature**, Mirai receives both inputs and, with the due electronic processing, takes them into account to adjust its operation and operate in climate control with sliding temperature, thus ensuring the desired comfort.



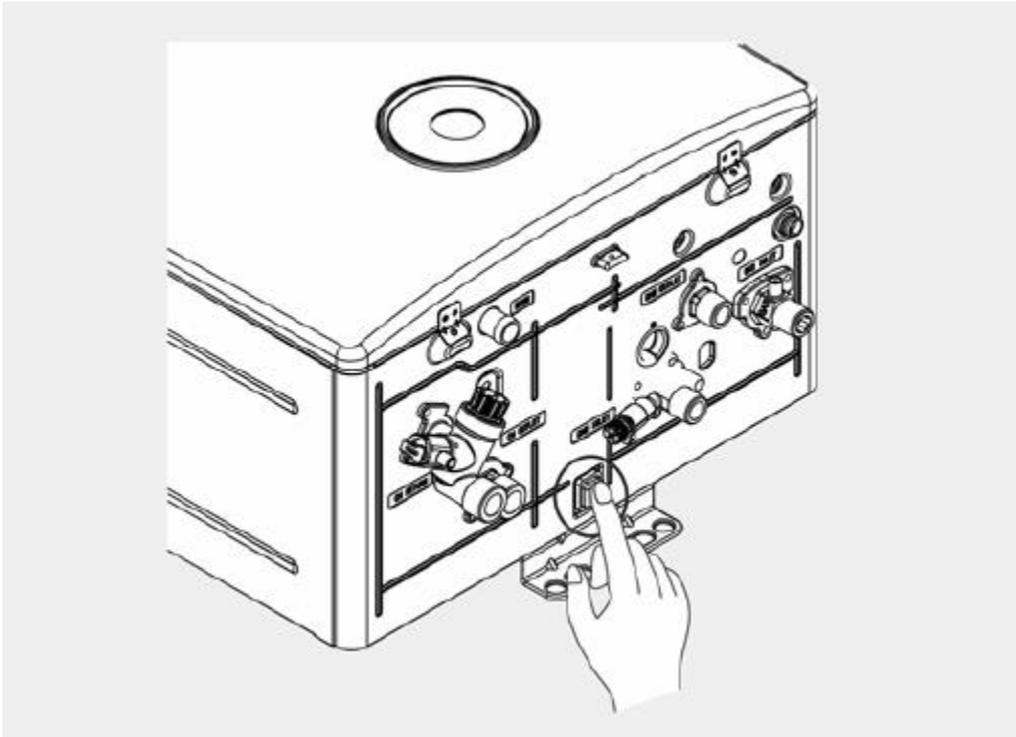
To deactivate the AUTO mode, simply press one of the heating or ACS activation buttons.



# Integrated condenser neutralizer



\* opzionale



- This device allows the boiler to be used when the Rinnai remote control has failed
  - temperature delivery temperature of the heating system = 52 °C
  - domestic hot water temperature = 40 °C



## COMANDO REMOTO



The colored LCD panel makes the functions even more intuitive and easy to use



The commands for RC and ACS are separated



The display on the left shows Heating  
The display on the right shows the domestic hot water



# Wi-Fi accessory control and dedicated APP



Comfort has never been so simple

## Wi-Fi accessory thermostat and dedicated APP



**4 ANNI  
GARANZIA**

- Available in white or black at the user's discretion
- List price of € 300.00 + VAT
- In case of domestic use, with the purchase of the wi-fi command, **Rinnai offers a 4-year warranty extension on the Mirai boiler\***
- The wi-fi command can take advantage of the **Ecobonus home automation fee deduction 65% remote home control**

\*L'estensione di garanzia è relativa ai soli ricambi, no manodopera, su caldaie nel periodo di garanzia. Per le condizioni dell'iniziativa si veda il manuale d'uso a corredo del prodotto.

# Wi-Fi accessory control and dedicated APP



- Maintenance of the functions present on the standard control (with the exception of the mode <reservation> which provides for turning on and off cycles, replaced by time programming).
- Three selectable preset modes:
  - 1) **«AUTO»**: the boiler self-regulates heating and sanitary water based on the internal and external temperatures detected
  - 2) **«SAVE»**: limits the maximum operating temperature and manages the pump to reduce consumption
  - 3) **«SLEEP»**: of a total duration of 6 hours, in which the activity of the boiler varies according to the waking-sleeping rhythm, optimizing night-time operation
- **Daily chronothermostat**
  - 3 non-editable preset modes
  - 2 modifiable modes
- WiFi connection for «APP Mirai» dedicated



## Wi-Fi accessory control and dedicated APP

With the APP you can:

- turn on or turn on the boiler from any distance,
- reset it in case of malfunction,
- change settings for unexpected plan changes (such as a last-minute scheduled dinner out),
- set the alarm that can (if the user wishes), synchronize with that of the smartphone and activate the boiler 10 minutes before waking up, to have the shower immediately hot

• Boiler status notifications:

- at fixed times
- depending on the distance from the WiFi command (from 2 to 10 km), with a view to checking the status
- if other users act on the boiler
- if a frost risk temperature is reached
- in the event of anomalies

• Daily and weekly chronothermostat (day by day)

• Direct connection to the manuals

• Possibility to register up to 3 Mirai boilers, each control accepts up to 10 control APPs.

• The same APP can manage for example its own boiler and that of the elderly parents or of the house in the mountains and enable more members of the family to control the same boiler.



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**ZEN**  
Condensing Boiler



**REB-KBI2424FF - Zen I24 - Condensing ZI24**  
**REB-KBI2929FF - Zen I29 - Condensing ZI29**  
**REB-KBI3535FF - Zen I34 - Condensing ZI34**

## **MIRAI and ZEN: (some) product plus of RINNAI condensing boilers**

**IPX5D**

**Expansion vessel of high capacity**

**Pre-installed climate probe**

**Condensate / neutralizer trap (10 years life)**

**Components entirely designed and produced by Rinnai**

**PCB protected by silicone bath**

**Remote control with advanced adjustment functions / chrono thermostat / WiFi / App**

**Rinnai heat exchanger resistant to thermal shocks**

## **...and with ZEN BECOME STANDARD**

**Weather probe extendable to the outside (up to 15m, with optional kit)**

**Condensate siphon with integrated neutralizer (granulate supplied as standard)**

**WiFi / APP remote control on all boilers (no longer optional)**

## **ZEN: THE NEWS**

**"Full-condensing" stainless steel heat exchanger**

**Reverse flame burner in low NOx metal fiber**

**Gas valve of the "zero-governor" type**

**Range-rated boiler (electronically limited heating power)**

**Flow temperature min 35 ° C (max 80 ° C)**

**Hydraulic connections to DIN standard**

**Flue: 60 / 100mm coaxial - 80-80mm split (can be reduced to 60-60mm)**

**Flue: maximum distance 30m / 50m (coaxial or split)**

**Control panel (Body controller) installed on the front panel**

**AUTO function (with climatic probe) with independently adjustable ACS**

**Earthquake sensor**

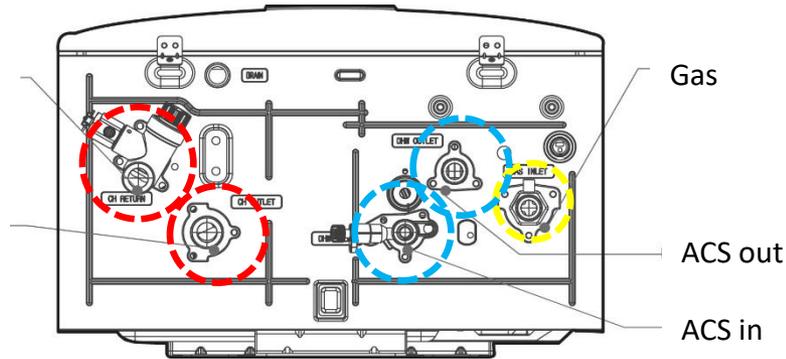
**Gas leak sensor (optional kit)**

## A - INSTALLATION, FIRST IGNITION, TECHNICAL DATA

MIRAI

HEATING  
delivery

HEATING  
return



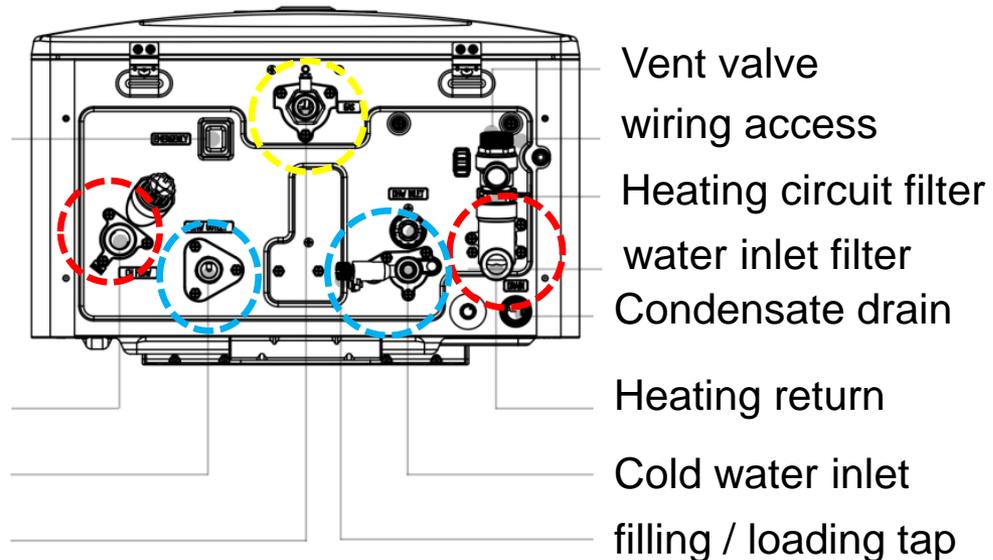
ZEN

Emergency  
switch

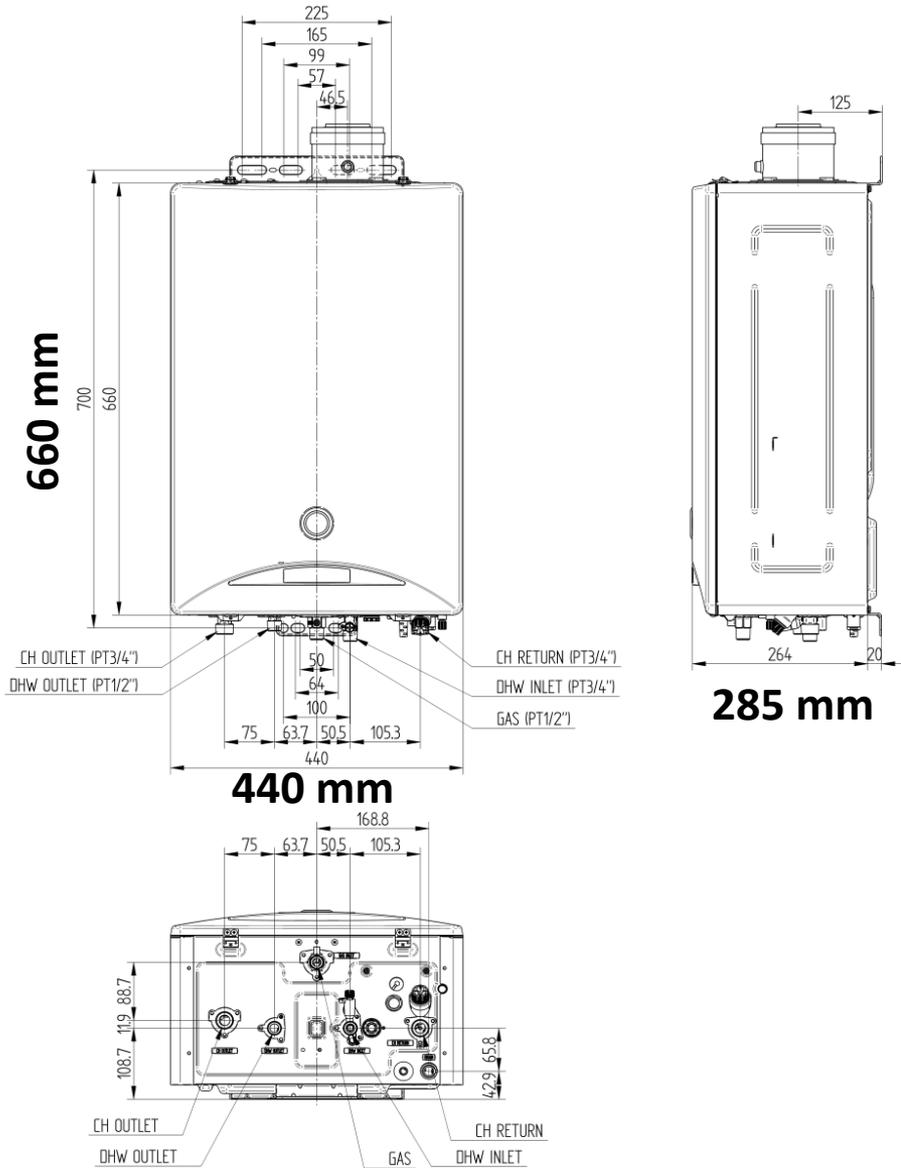
HEATING delivery

Hot water outlet

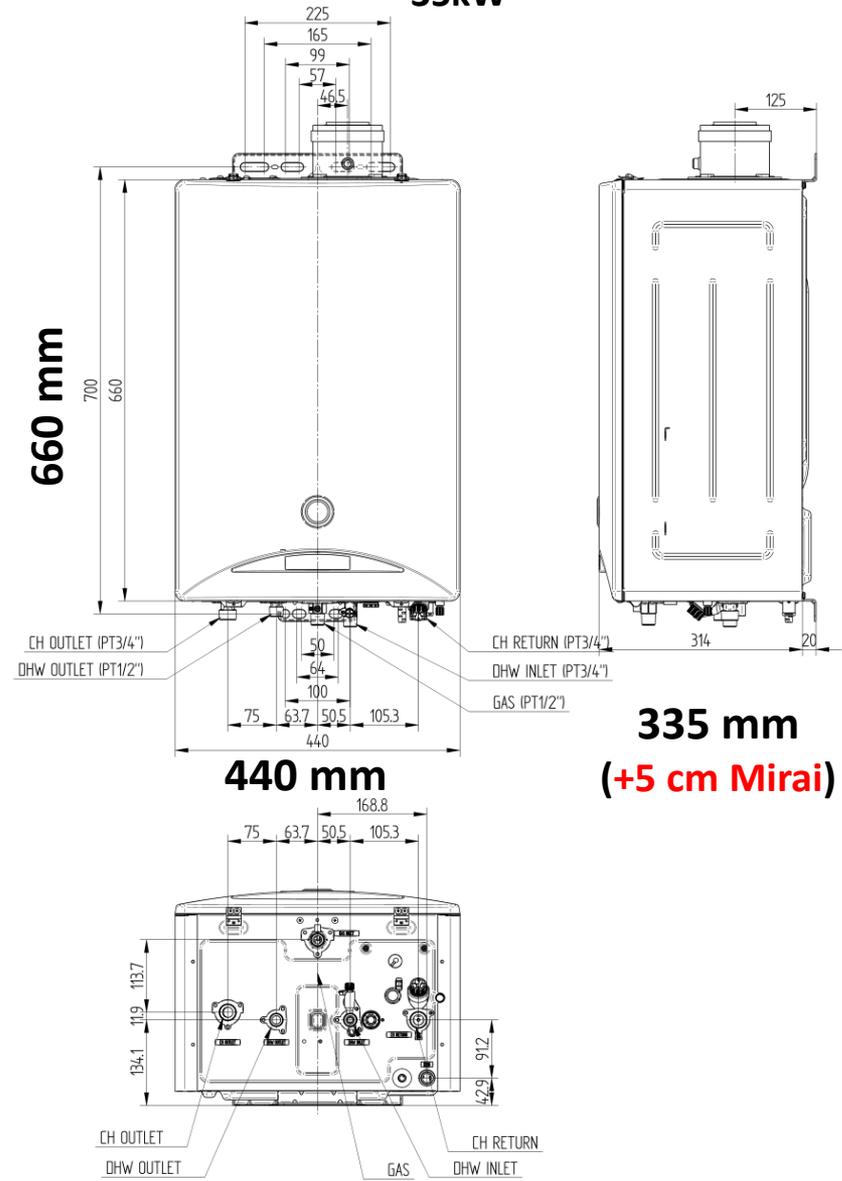
Gas inlet

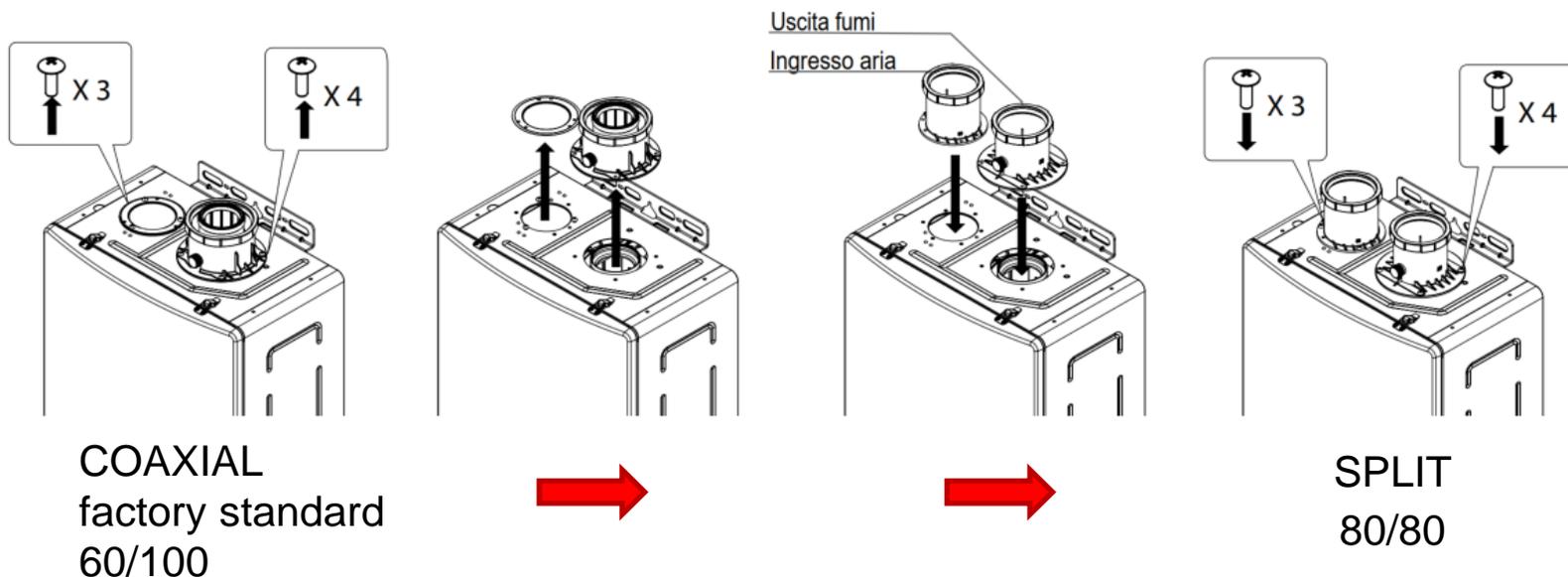


**24kW & 29kW**



**35kW**



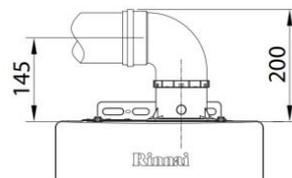


COAXIAL FUMISTERY: maximum equivalent length allowed **30m**

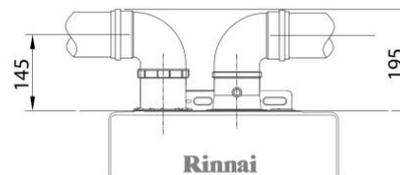
\*Curve 90 = -2m / Curve 45 = -1m / max 3 curves 90 or 6 curves 45

DOUBLE SMOKE: **10m** max suction - **50m** max discharge with 60/60 !!!

\* Curva 90 = -1,5m / Curva 45 = -0,5m / max 3 curve 90 o 6 curve 45



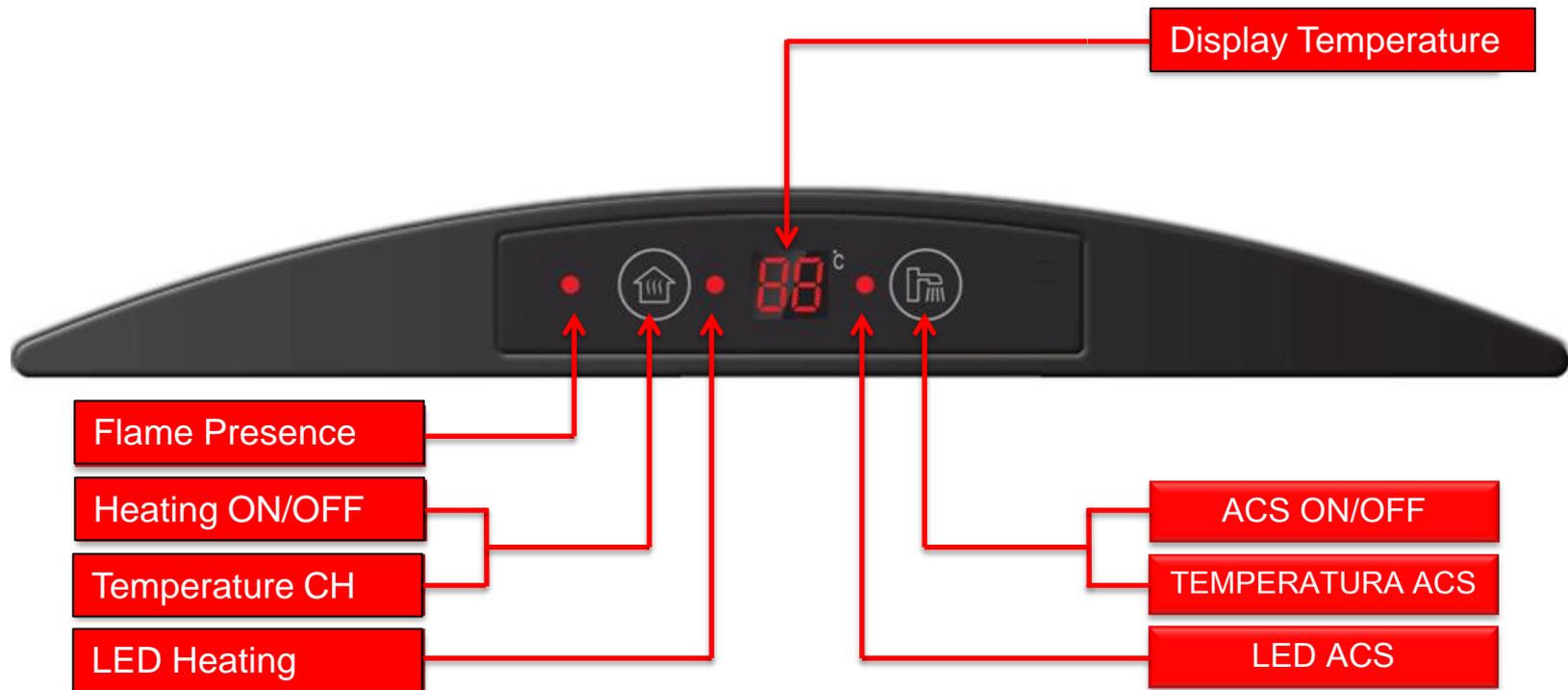
Sistema coassiale  
ø 60/100



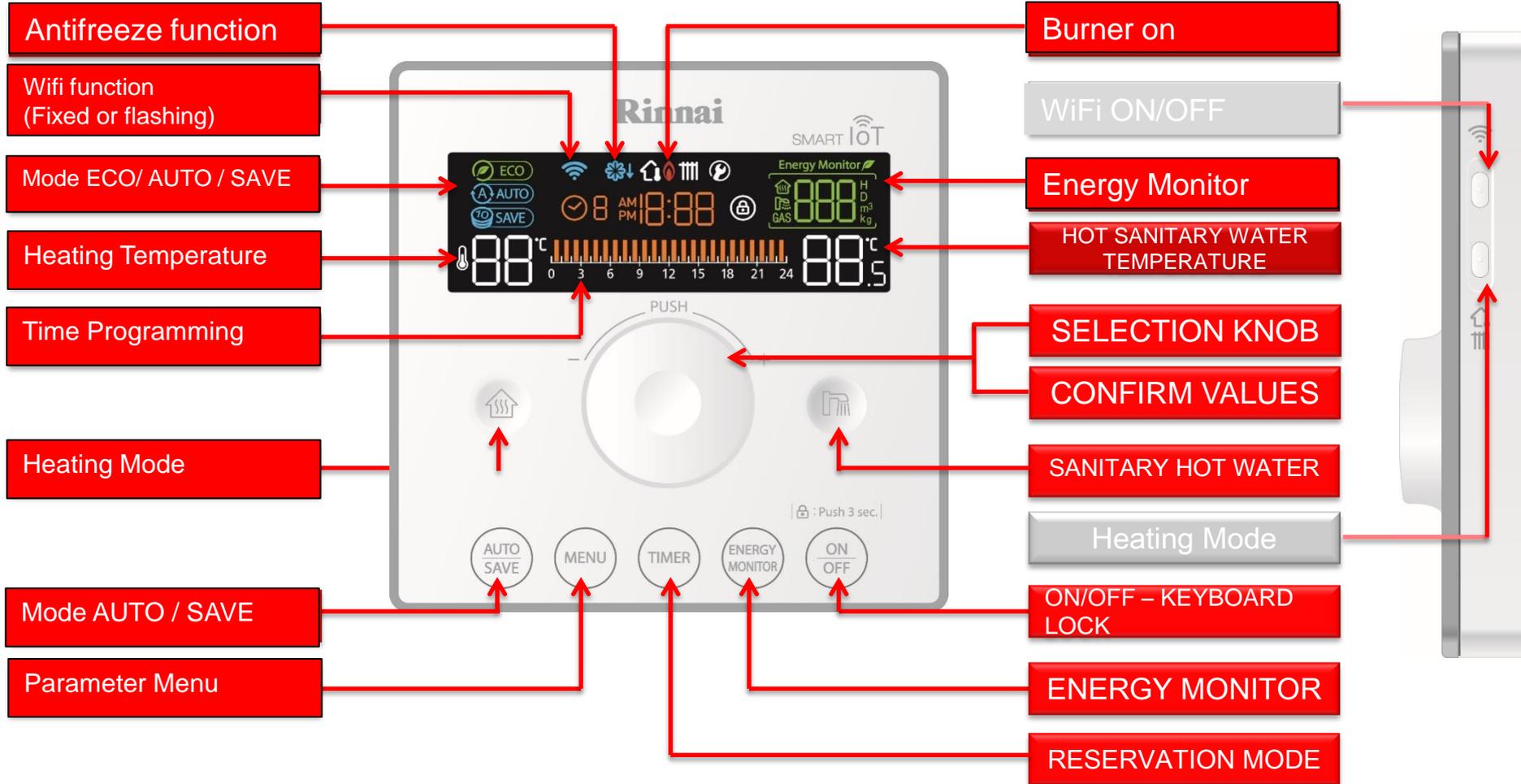
Sistema sdoppiato  
ø 80-80

(Dimensioni in mm)

## D - REMOTE CONTROL / BODY CONTROLLER / PARAMETERS

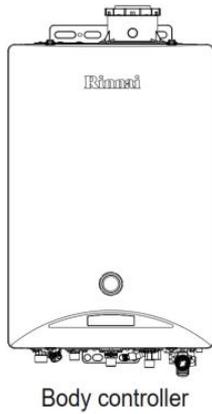




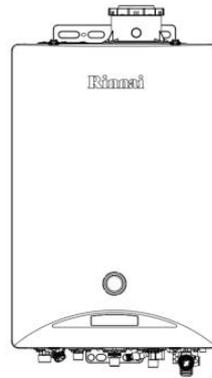


## POSSIBLE CONFIGURATIONS

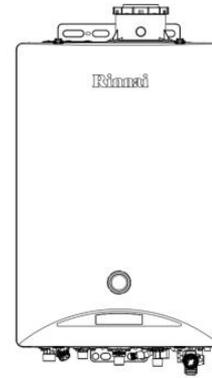
- Body controller
- Standard WiFi remote control with ZEN
- Universal chronothermostat (other brand)
- APP «My Rinnai»



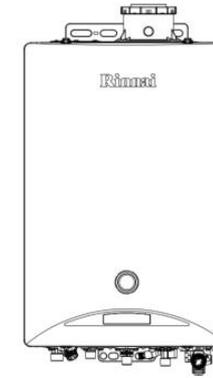
1



2



3



4