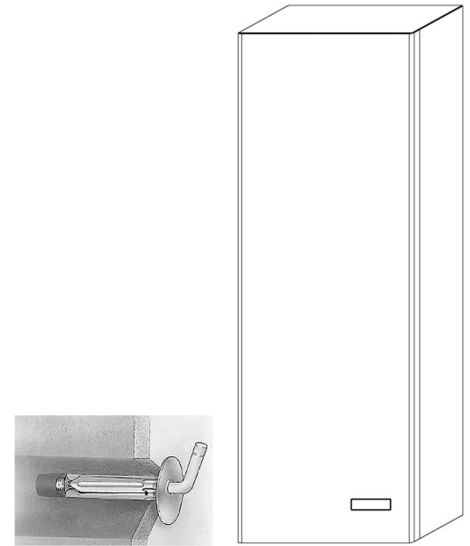
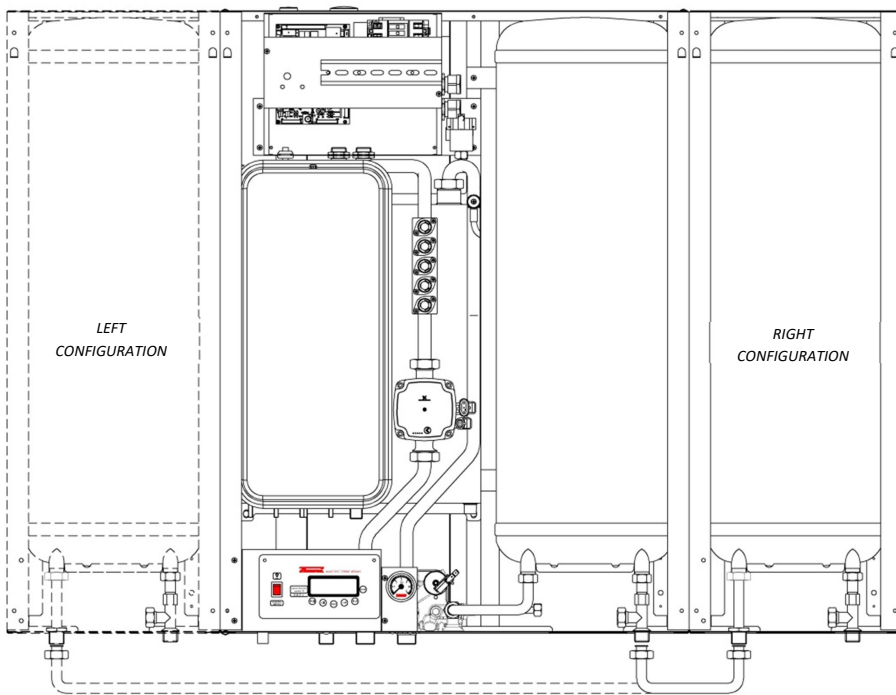




TANK INSTALLATION INSTRUCTIONS FOR ELEKTRA COMPACT BP-L

POSITIONING OF THE TANK MODULE

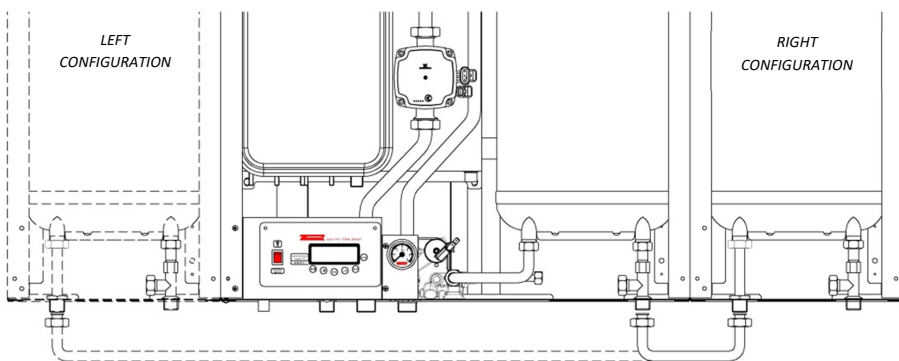
The Tank module can be installed both on the right and on the left of the boiler as shown in the diagram below:



The "Tank" module is hung on the wall (next to the main boiler) by means of 2 hook anchors with diameter of 10 mm.

HYDRAULIC CONNECTION

Connect the module as hydraulic diagram below:



Attacks legend:

M: Central Heating Delivery

R: Central Heating Return

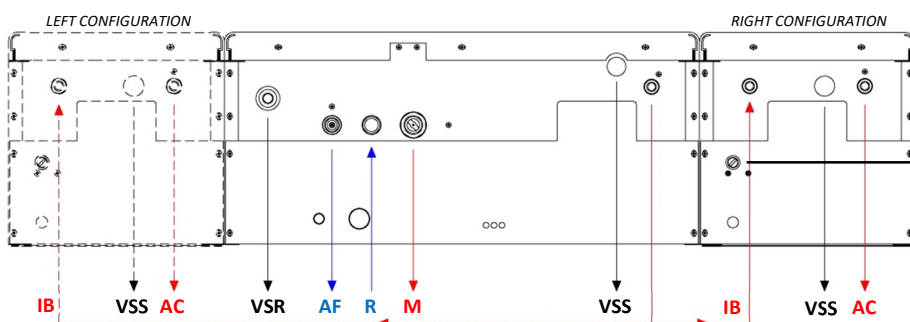
AC: Sanitary Hot Water

AF: Sanitary Cold Water

IB: Kettle Inlet

VSR: Central Heating Safety Valve (3 bar)

VSS: Sanitary Water Safety Valve (6,5 bar)

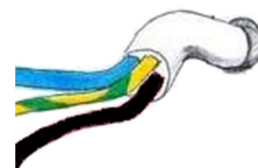
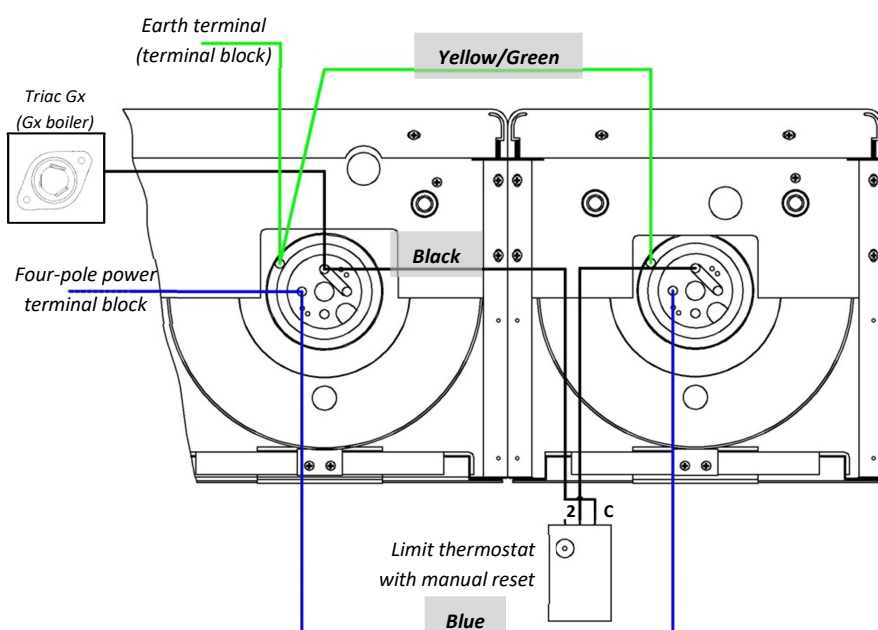


Limit thermostat with manual reset



ELECTRICAL CONNECTION

Connect the module as the wiring diagram below:



- Connect the **Blue** wire coming out of the “Tank” module to the heating element of the water storage tank of the main boiler.
- Connect the **Yellow/Green** wire of the “Tank” module together with the “Earth” of the water storage tank of the main boiler.
- Connect the **Black** wire of the “Tank” module to the heating element of the water storage tank of the main boiler.

Move the connection of command **G** of the triacs as the table below according to the power of the boiler:

	Before (ex. 12kW single-phase model)	After (ex. 12kW single-phase model)

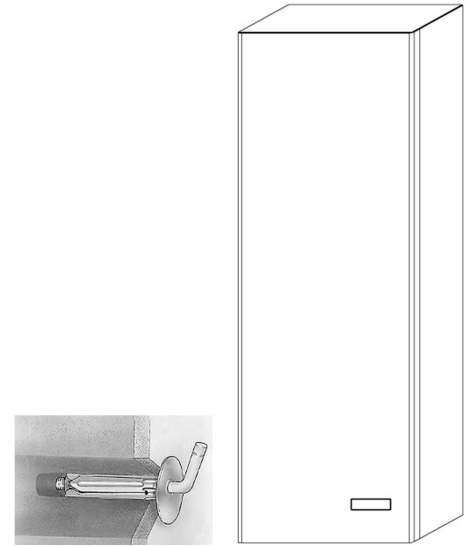
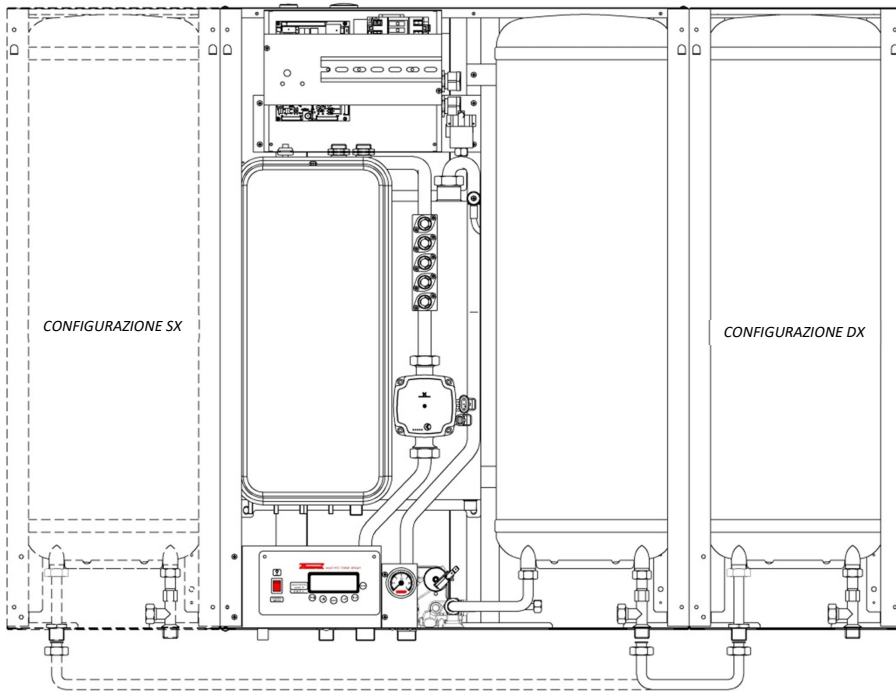
Boiler power (kW)	Current triac connection (to be modified)	Modified triac connection (for tank)
12 kW single-phase	G3 Black – G4 Red (G5 boiler)	G3 Red – G4 Black (G5 boiler)
18 kW single-phase	G2 White – G4 Red (G5 boiler)	G2 Red – G4 White (G5 boiler)
12 kW three-phase	G3 Black – G2 White (G4 boiler)	G3 White – G2 Black (G4 boiler)
18 kW three-phase	G5B Green – G2 White (G4 boiler)	G5B White – G2 Green (G4 boiler)
24 kW three-phase	G5B Green – G2 White (G4 boiler)	G5B White – G2 Green (G4 boiler)



ISTRUZIONI INSTALLAZIONE TANK PER ELEKTRA COMPACT BP-L

POSIZIONAMENTO MODULO TANK

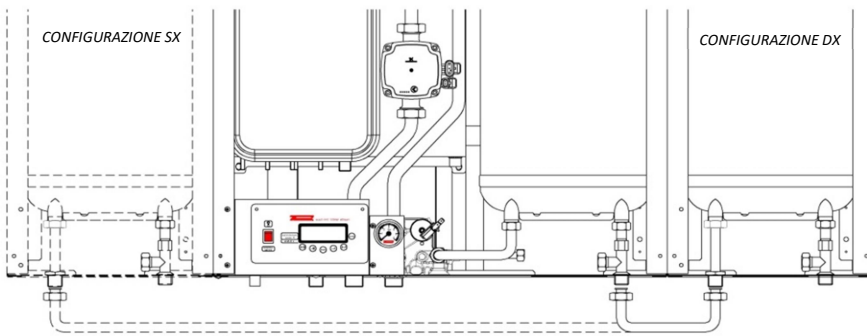
Il modulo Tank si può installare sia a destra che a sinistra della caldaia come da schema sottostante:



Il modulo "Tank" viene appeso al muro (di fianco alla caldaia principale) tramite 2 tasselli a gancio di diametro 10 mm.

COLLEGAMENTO IDRAULICO

Collegare il modulo come da schema idraulico sottostante:



Legenda attacchi:

M: Mandata Impianto

R: Ritorno Impianto

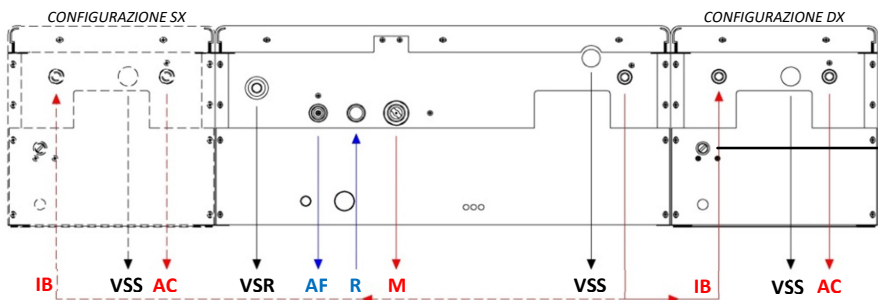
AC: Acqua Calda

AF: Acqua Fredda

IB: Ingresso Bollitore

VSR: Valvola sicurezza riscaldamento (3 bar)

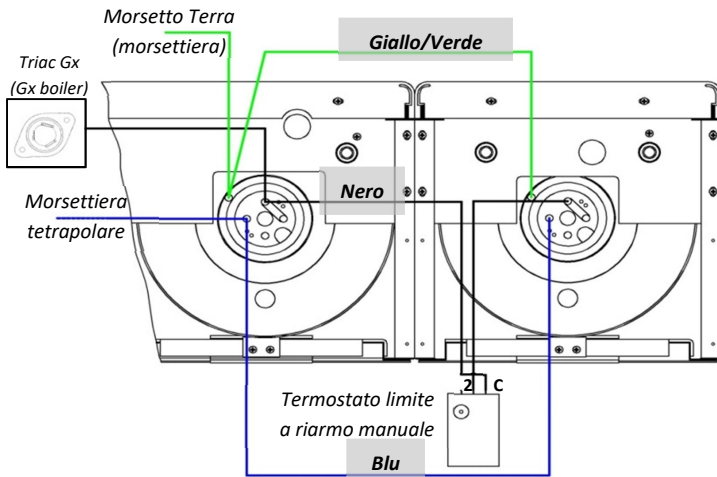
VSS: Valvola sicurezza sanitario (6,5 bar)



Termostato limite a riarmo manuale

COLLEGAMENTO ELETTRICO

Collegare il modulo come da schema elettrico sottostante:



- Collegare il filo **Blu** che esce dal modulo "Tank" alla resistenza del bollitore della caldaia principale.
- Collegare il filo **Giallo/Verde** del modulo "Tank" insieme alla "Terra" del bollitore della caldaia principale.
- Collegare il filo **Nero** del modulo "Tank" alla resistenza del bollitore della caldaia principale.

Spostare il collegamento del comando **G** dei triac come da tabella sottostante a seconda della potenza della caldaia:

	Prima (es. mod.12kW monofase)	Dopo (es. mod.12kW monofase)

Potenza caldaia (kW)	Collegamento triac corrente (da modificare)	Collegamento triac modificato (per tank)
12 kW monofase	G3 filo Nero – G4 filo Rosso (G5 boiler)	G3 filo Rosso – G4 filo Nero (G5 boiler)
18 kW monofase	G2 filo Bianco – G4 filo Rosso (G5 boiler)	G2 filo Rosso – G4 filo Bianco (G5 boiler)
12 kW trifase	G3 filo Nero – G2 filo Bianco (G4 boiler)	G3 filo Bianco – G2 filo Nero (G4 boiler)
18 kW trifase	G5B filo Verde – G2 filo Bianco (G4 boiler)	G5B filo Bianco – G2 filo Verde (G4 boiler)
24 kW trifase	G5B filo Verde – G2 filo Bianco (G4 boiler)	G5B filo Bianco – G2 filo Verde (G4 boiler)

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