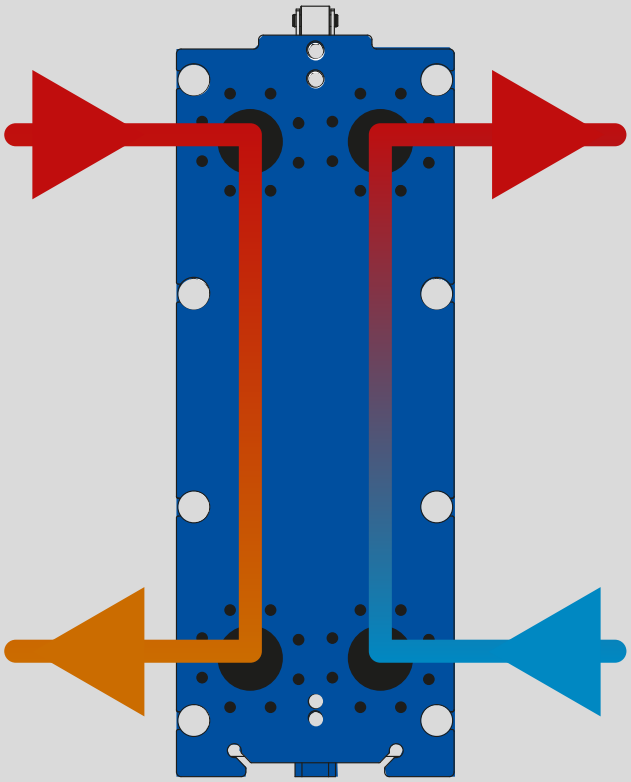
Plate heat exchangers
Installation solutions

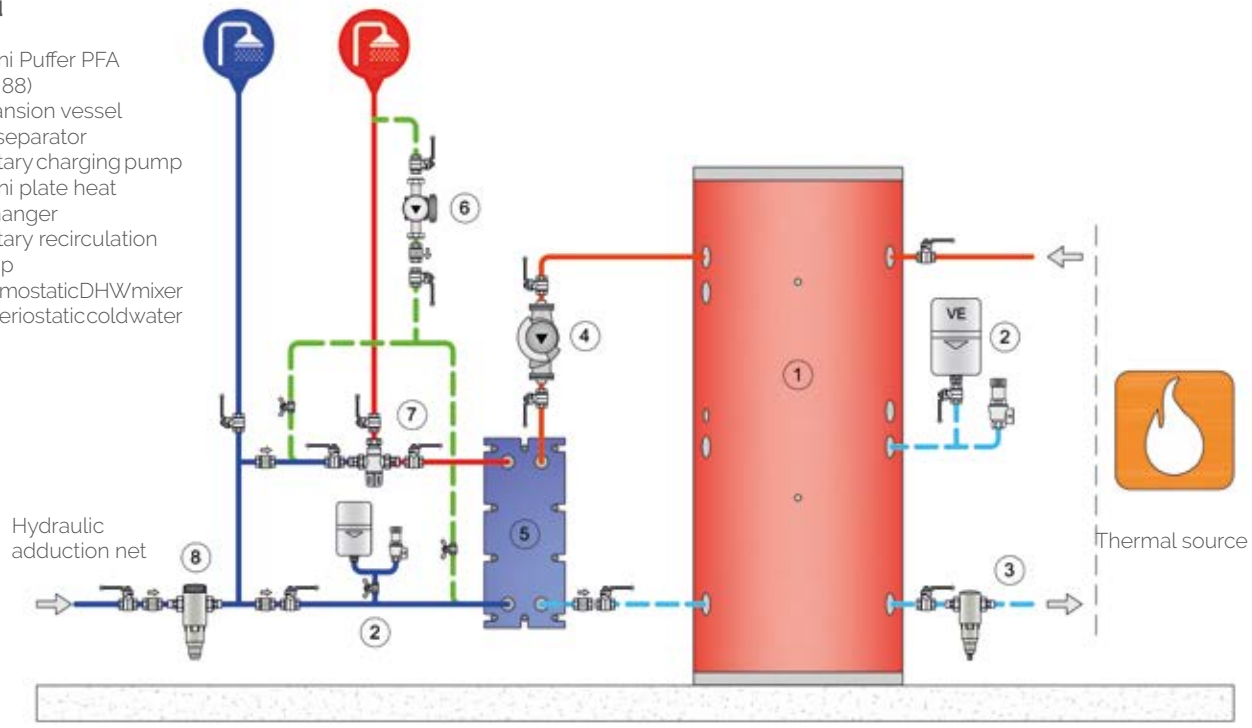


Plant Solutions

Instantaneous DHW (see SET pag. 249)

Legend

1. Fiorini Puffer PFA (see 88)
2. Expansion vessel
3. Dirt separator
4. Sanitary charging pump
5. Fiorini plate heat exchanger
6. Sanitary recirculation pump
7. ThermostaticDHWmixer
8. Bacteriostaticcoldwater filter

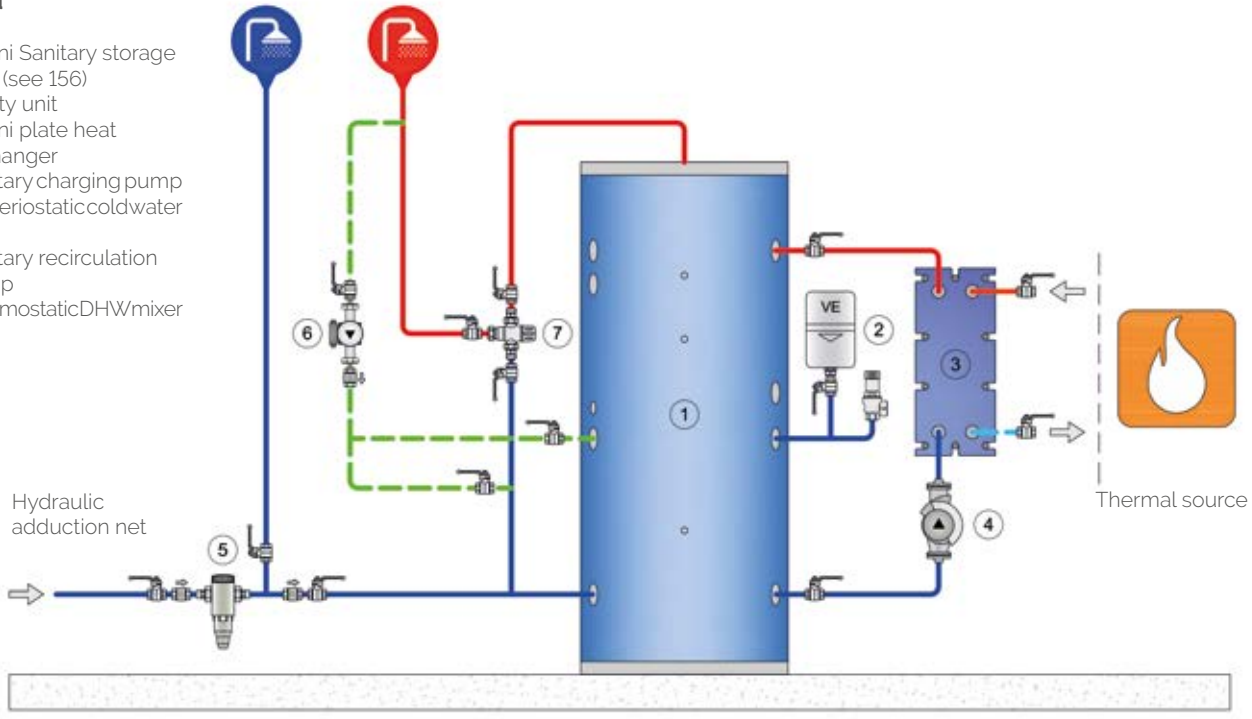


SET fresh water station see pag. 249

DHW with storage tank (see AQUAFAST pag. 212)

Legend

1. Fiorini Sanitary storage tank (see 156)
2. Safety unit
3. Fiorini plate heat exchanger
4. Sanitary charging pump
5. Bacteriostaticcoldwater filter
6. Sanitary recirculation pump
7. ThermostaticDHWmixer

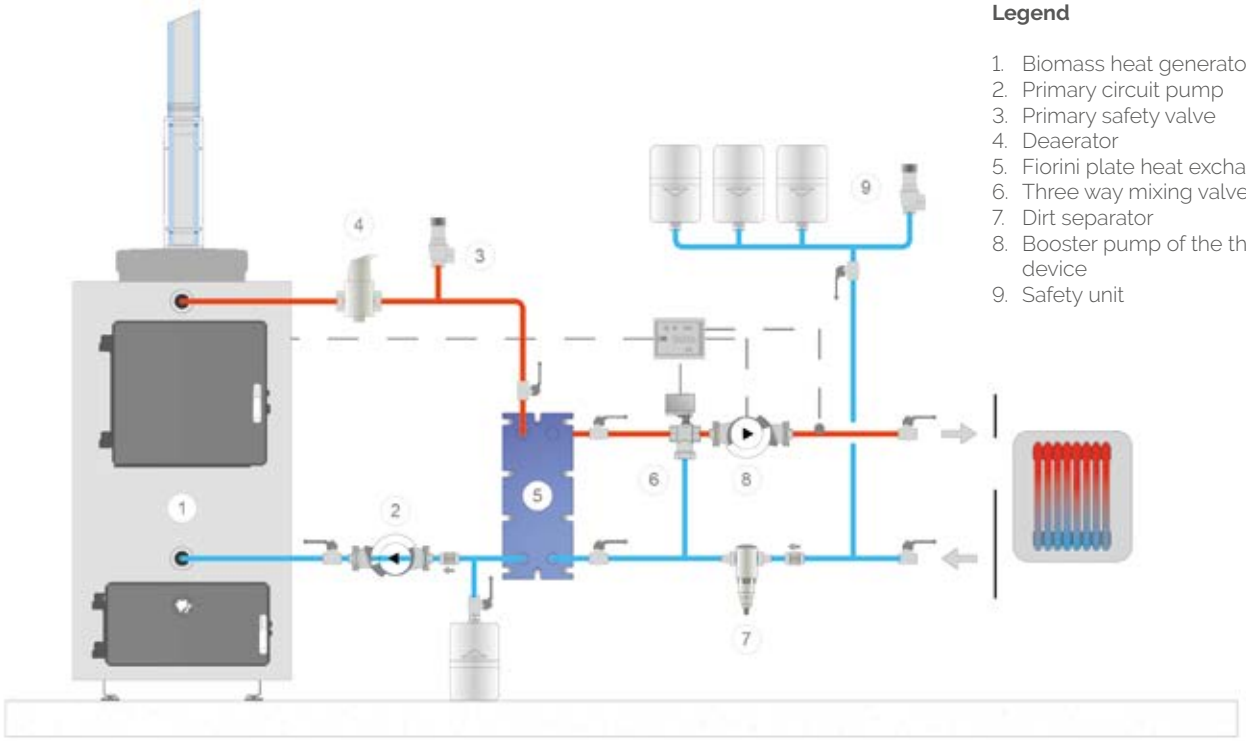


AQUAFAST fast heater see pag. 212

Plant Solutions

Separation between thermal source and device

(Closed expansion tank)

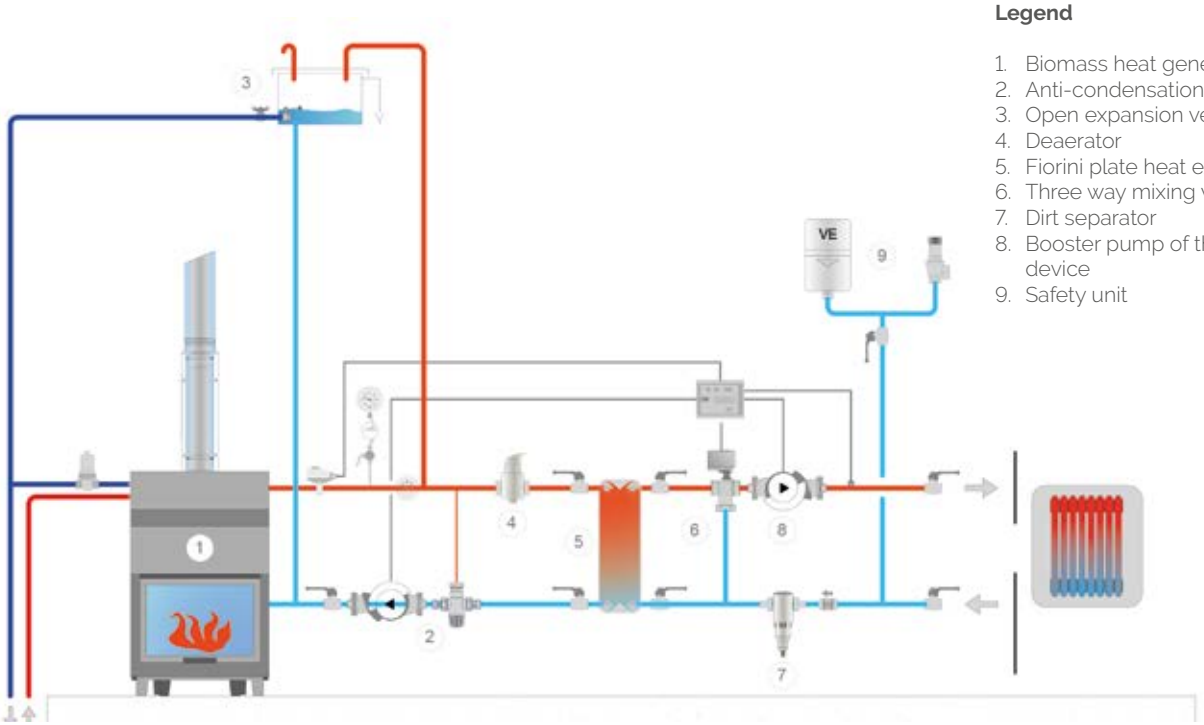


Legend

1. Biomass heat generator
2. Primary circuit pump
3. Primary safety valve
4. Deaerator
5. Fiorini plate heat exchanger
6. Three way mixing valve
7. Dirt separator
8. Booster pump of the thermal device
9. Safety unit

Separation between thermal source and device

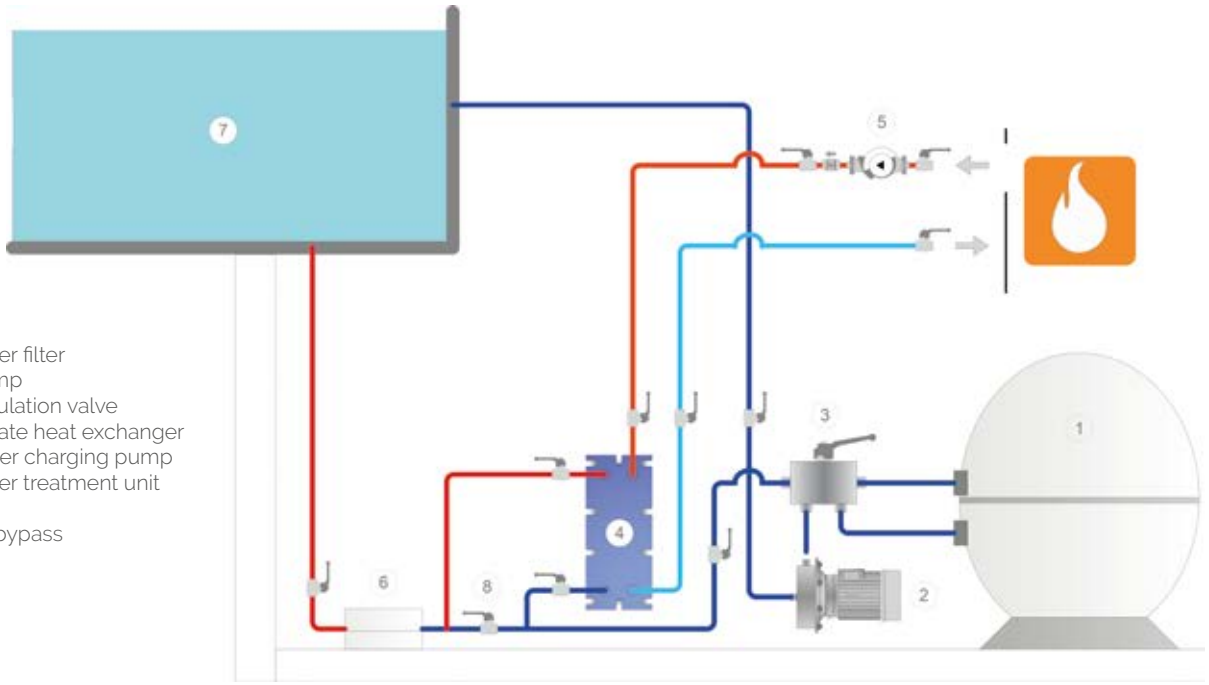
(Open expansion tank)



Legend

1. Biomass heat generator
2. Anti-condensation return unit
3. Open expansion vessel
4. Deaerator
5. Fiorini plate heat exchanger
6. Three way mixing valve
7. Dirt separator
8. Booster pump of the thermal device
9. Safety unit

Plant Solutions
Systems for swimming pools



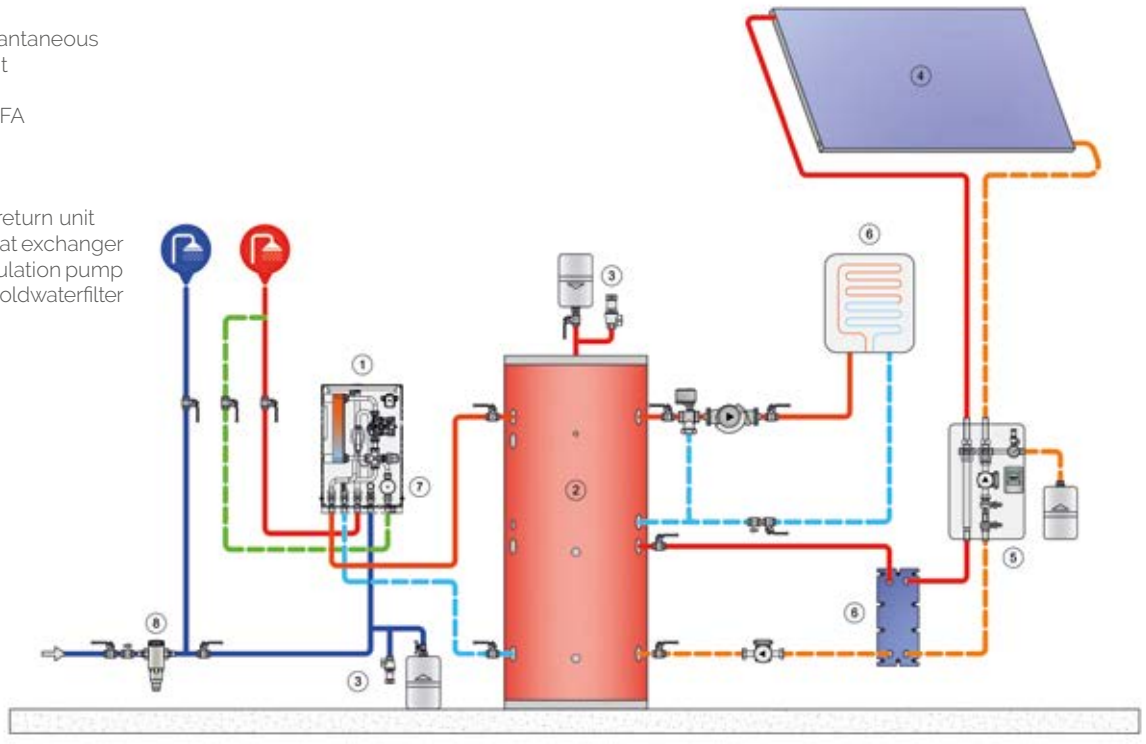
Legend

1. Pool water filter
2. Pool pump
3. Pool regulation valve
4. Fiorini plate heat exchanger
5. Exchanger charging pump
6. Pool water treatment unit
7. Pool
8. Copper bypass

Systems for solar thermal

Legend

1. SET DHW Instantaneous production unit (see 244)
2. Fiorini Puffer PFA (see 88)
3. Safety unit
4. Solar thermal
5. Solar thermal return unit
6. Fiorini plate heat exchanger
7. Sanitary recirculation pump
8. Bacteriostaticcoldwaterfilter



DATA COLLECTION FOR EXCHANGER SELECTION

For the correct dimensioning of an exchanger, at least 5 data on 7 * are mandatory and meet the following conditions:

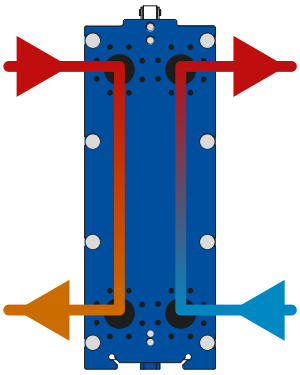
- T.IN HOT > T.OUT COLD
- T.IN COLD < T.OUT HOT
- Temperatures and flow rates consistent with thermal power

If you do not know all the required data, describe the type of application in the appropriate field below.

CONTACT			
Applicant		Data	
Company		Ph.	
Email		Ref.	

GENERAL DATA		
Exchanger type	❑ Gasketed	❑ Brazed
Power*		(specify u.m. kW or kcal/h)
Nominal pressure		(specify u.m. e.g. bar)

HOT SIDE		
Fluid		
T IN* (°C)		
T OUT* (°C)		
FLOW* (specify u.m.)		
MAX loss (kPa)		



COLD SIDE		
Fluid		
T IN* (°C)		
T OUT* (°C)		
FLOW* (specify u.m.)		
MAX loss (kPa)		

ADDITIONAL NOTES			
Type/ Diameter Couplings			
Plates material/ Couplings/Shaft			
Accessories	❑ anti-condensate tub (only for gasketed)	❑ insulation box	❑ feet set (only for gasketed)
Size Limits			
Type of application			

The QR-CODE allows you to access the online form for the dimensioning of exchangers. Following the wizard you can send the completed form directly to our technicians, who will answer you with the sizing required in a short time.

How to use the QR-CODE:

- Use a device like tablet, smartphone, 2 in 1 device.
- Install an application to read QR-CODE (if not already installed)
- Aim the device on QR-CODE
- Access the form online

go.fiorinigroup.it/eng/dimensionamentophe

The personal data included in this form will be processed according to current laws about privacy. Please see the privacy notice, full text is available at **go.fiorinigroup.it/eng/privacy**
Filling this form you agree to the privacy notice and allow data processing.



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