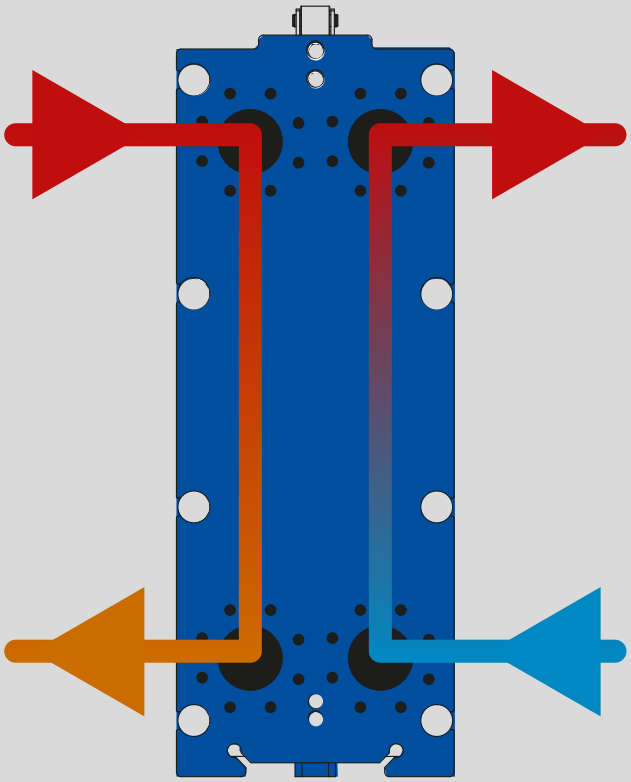
# Plate heat exchangers
# Installation solutions

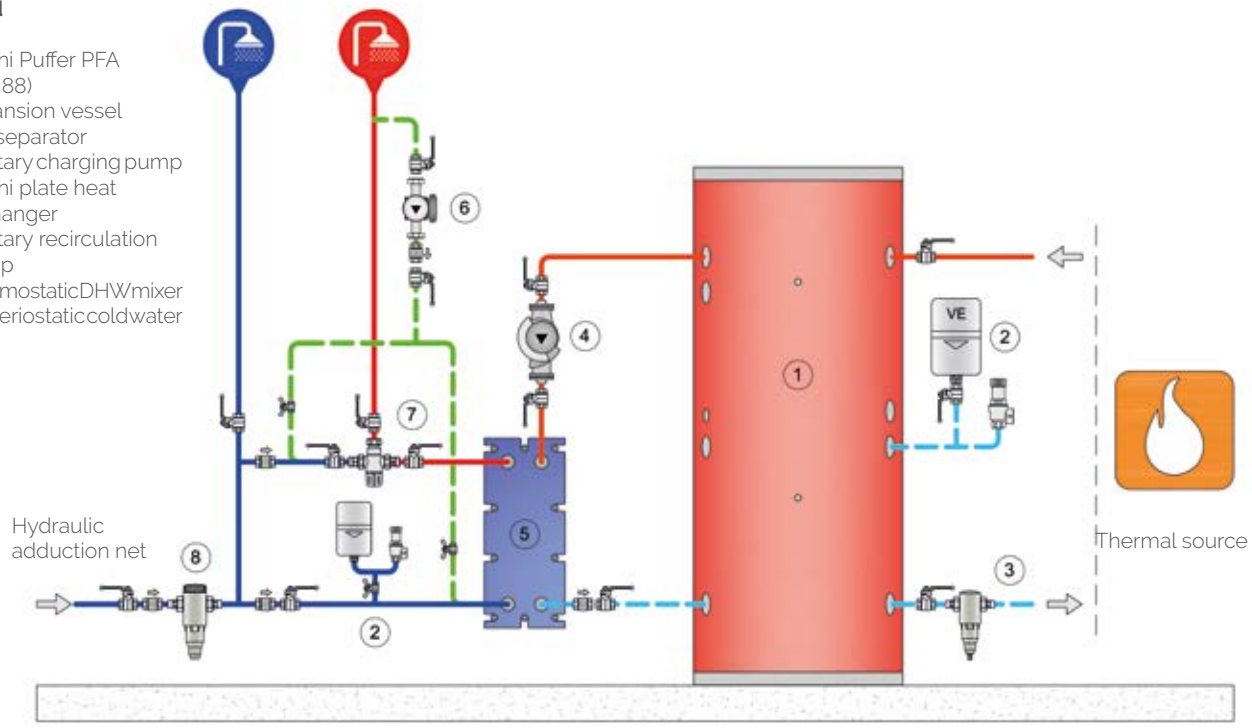


# Plant Solutions

## 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

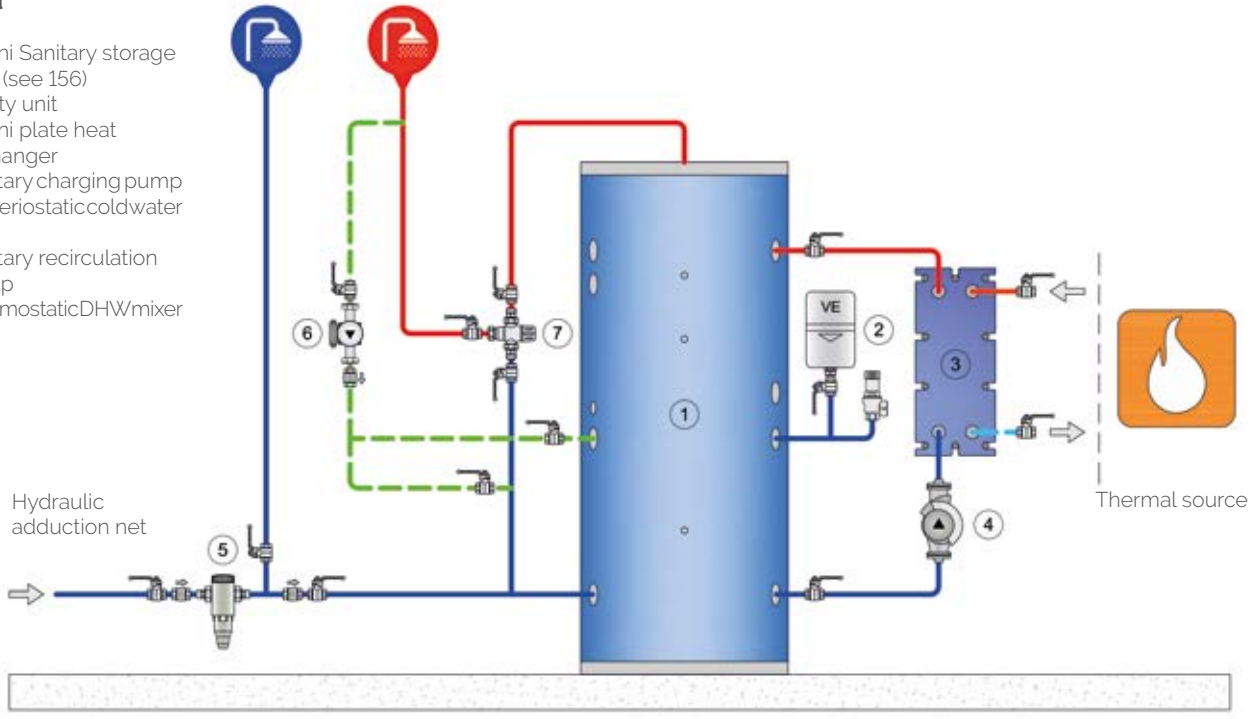



**SET fresh water station see pag. 249**

## 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

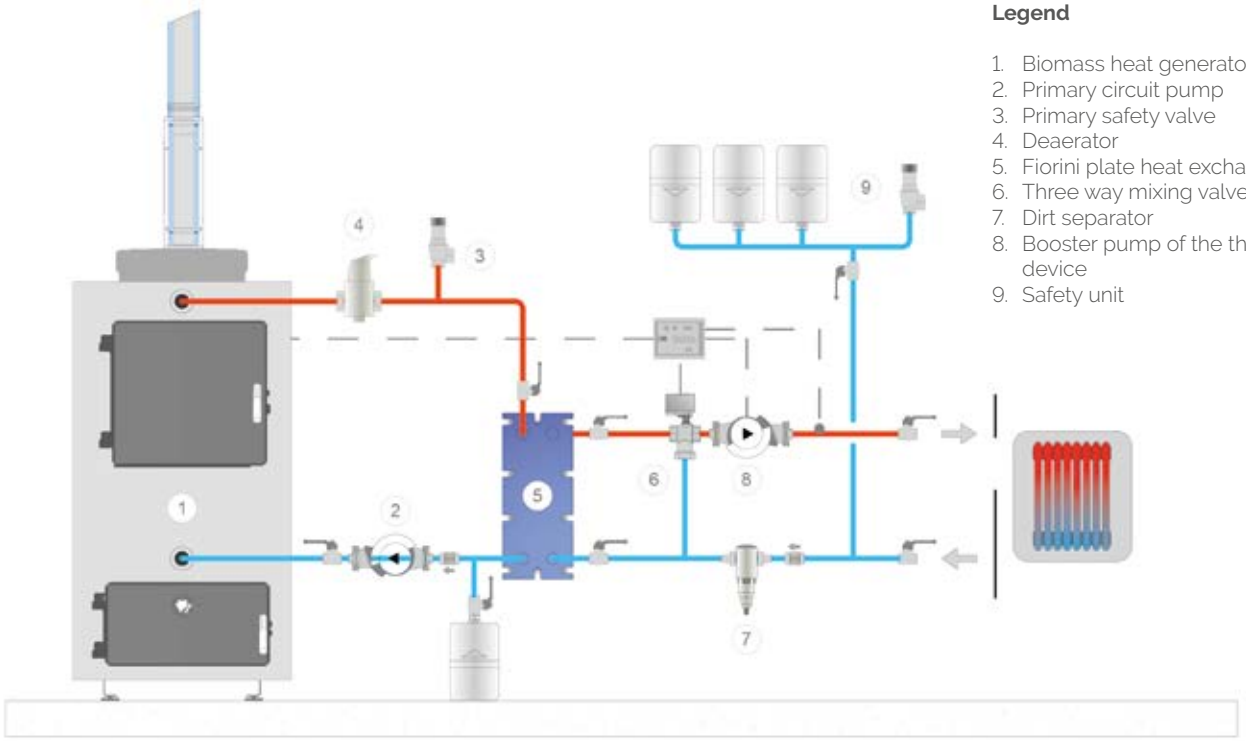



**AQUAFAST fast heater see pag. 212**

# Plant Solutions

## Separation between thermal source and device

(Closed expansion tank)

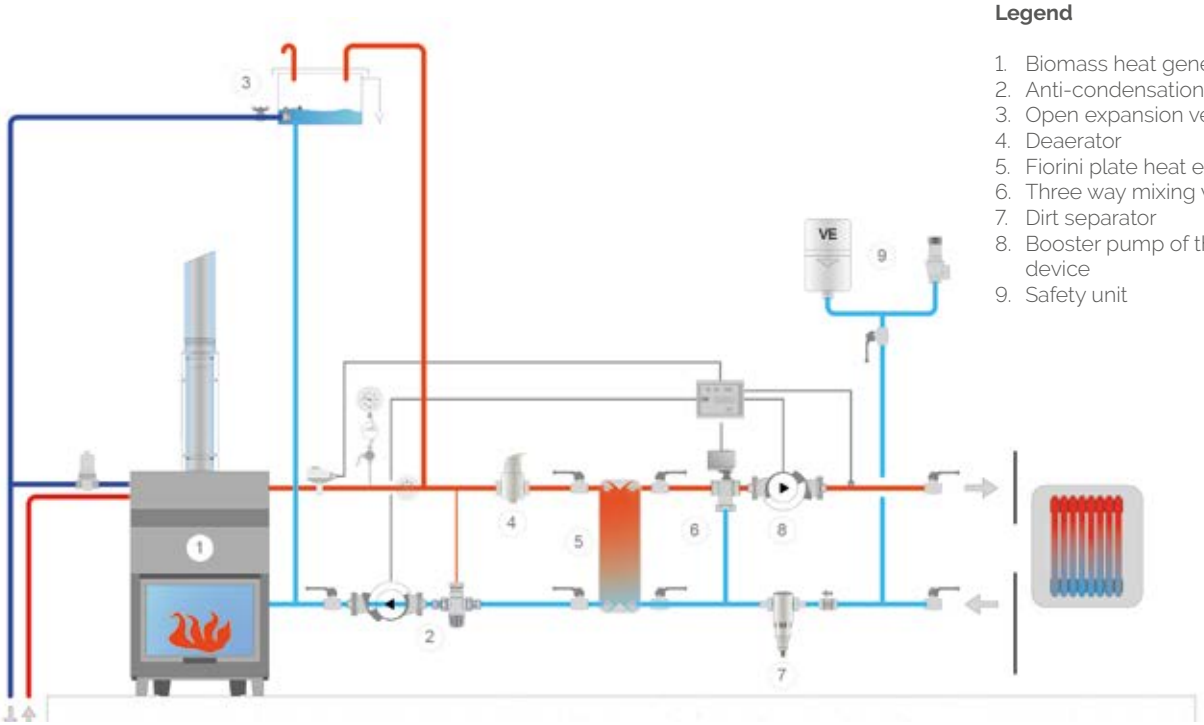



**Legend**

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

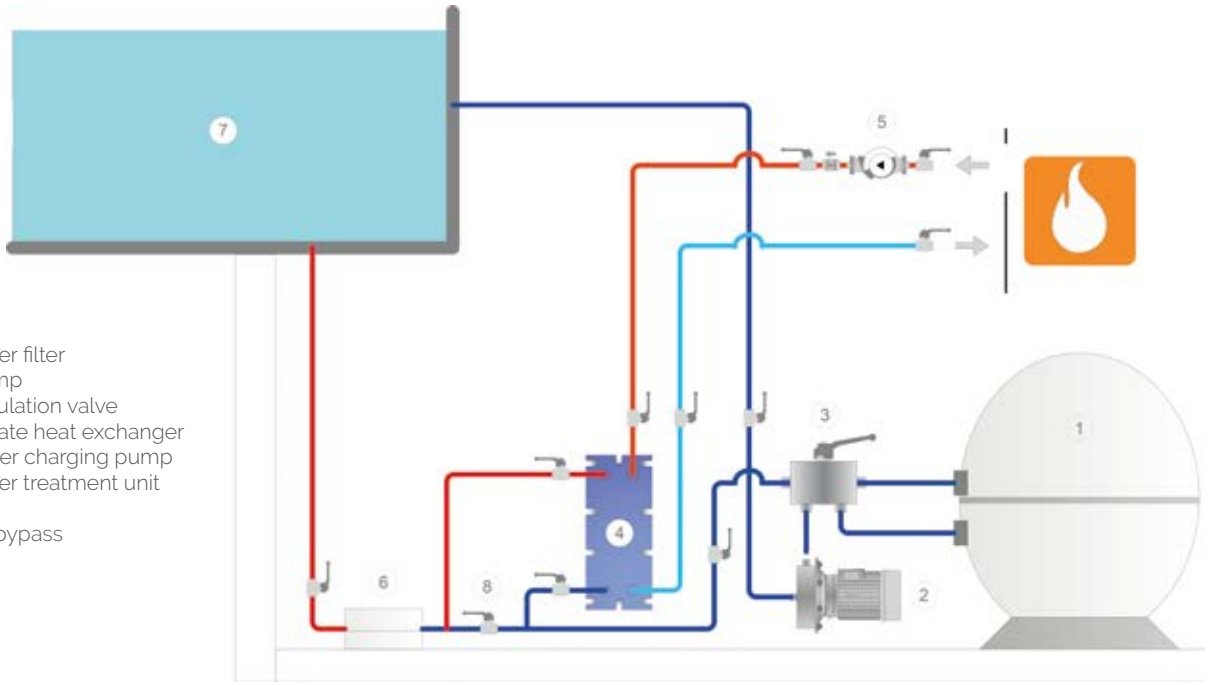
(Open expansion tank)




**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



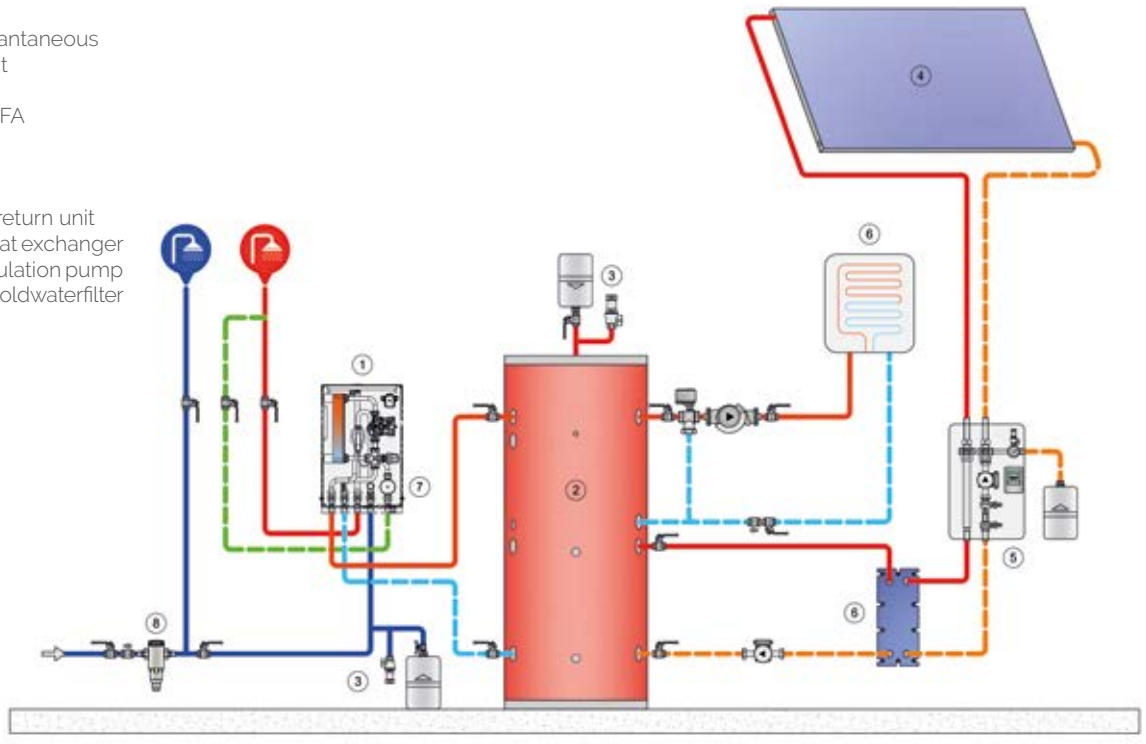

**Legend**

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:

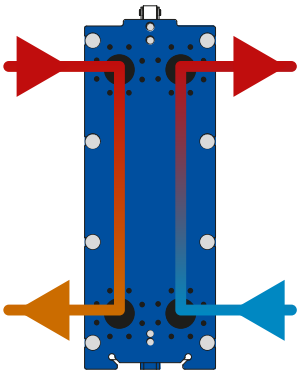
- T.IN HOT > T.OUT COLD
- T.IN COLD < T.OUT HOT
- Temperatures and flow rates consistent with thermal power

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.



## Download additional content

go.fiorinigroup.it/eng/content

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