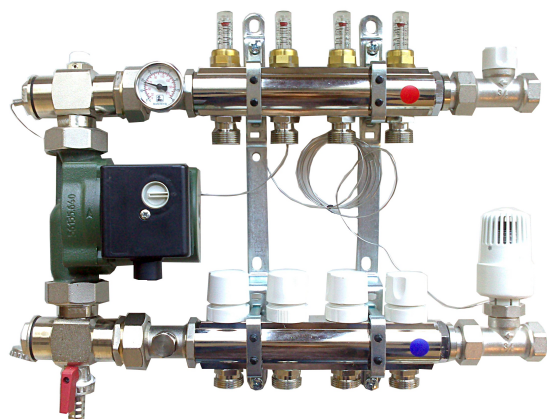




**BIANCHI F.Lli**  
Rubinetteria

# Fixed point thermostatic regulation kit XXXX



## Technical features

Monoblocks	brass UNI EN 12165 CW617N
Pump connection	brass UNI EN 12165 CW617N
Body valve and lockshield-valve	brass UNI EN 12165 CW617N
Valve and lockshield-valve components	brass UNI EN 12165 CW617N
Seals	EPDM
Fluid	Water/glycol solution
Max % glicole	30%
Regulation field	20-55°C
Max exercise pressure	6 bar
Max inlet temperature	95°C
Thermometer scale	0-80°C
Temperature range	20-70°C
Max temperature probe	80°C
Probe length	66 mm
Probe diameter	12 mm
Capillary length	2 m
Pump connection	1 1/2"

## Use and working

The goal of the fixed point regulation kit XXXX is to feed panels and heating elements at low temperature (just heating).

The temperature of the fluid sent to the panels is regulated through a thermostatic valve that suitably adjust the hot fluid coming from the heat generator with those with low temperature returning from the panels.

The probe of the thermostatic valve is placed after the pump on the supply to the panels.

The security thermostat has the goal to block the pump of the kit in case the supply temperature to the panels is higher of the fixed safety valve (normally 50-55°C).

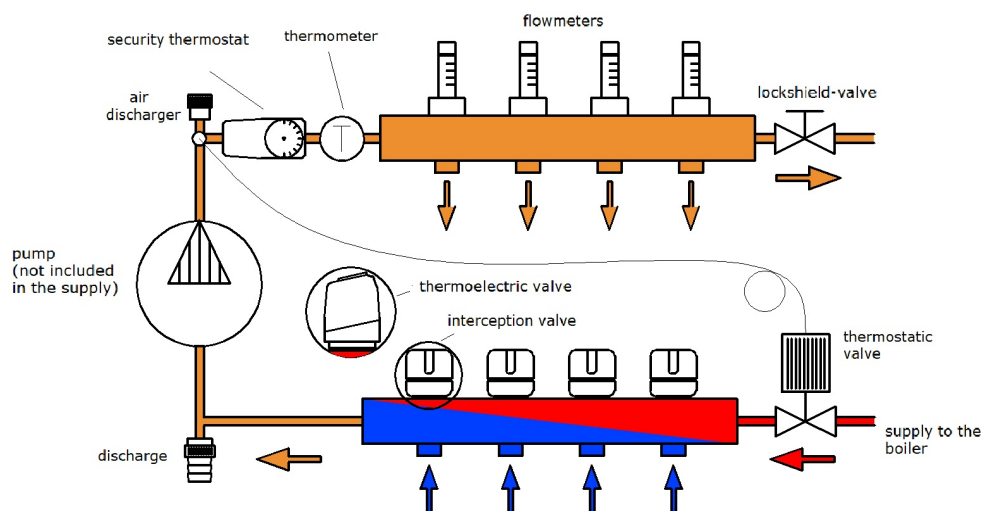
A thermostat placed on the supply of the kit allows to verify the temperature of the fluid sent to the panels.

Appropriate flowmeters, graduated from 0 to 6 l/m, allow to adjust and to intercept the flow of every panel.

Each return of the panels could have thermoelectric heads combined with appropriate thermostats.

For the correct and economic working of these groups the use of electronic pumps is requested. These pumps can in fact vary automatically their speed and keep constantly the prevalence to the connection to the panels. The regulation of the environment temperature can be obtained enslaving the pump of the kit to a environment thermostat placed in a pilot area. Otherwise thermoelectric heads driven by proper thermostats can be installed on the returns of the panels.

In this case it would be suitable to prevent of the block of the pump when all the heads are closed.



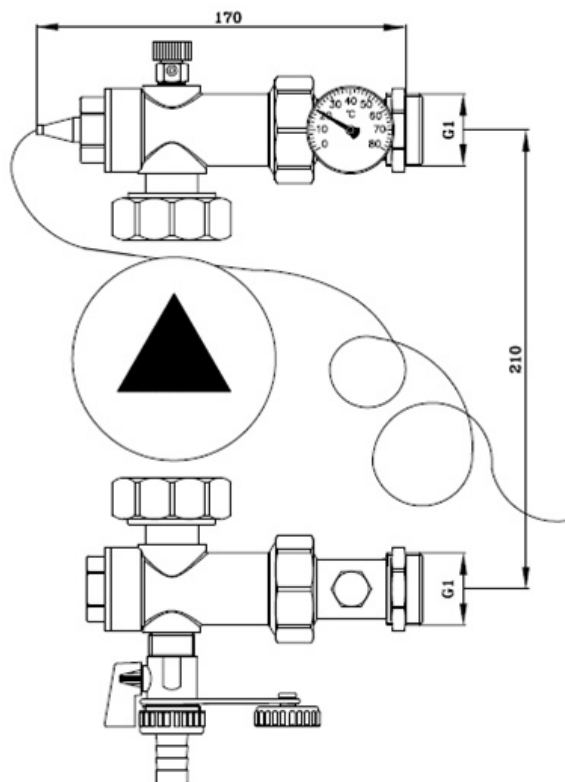
MADE IN ITALY

**bianchifratelli.it**

**BIANCHI F.LLI S.P.A.**






VIA VALDORO 5—P.O. BOX 66—25065 LUMEZZANE (BRESCIA) — ITALY

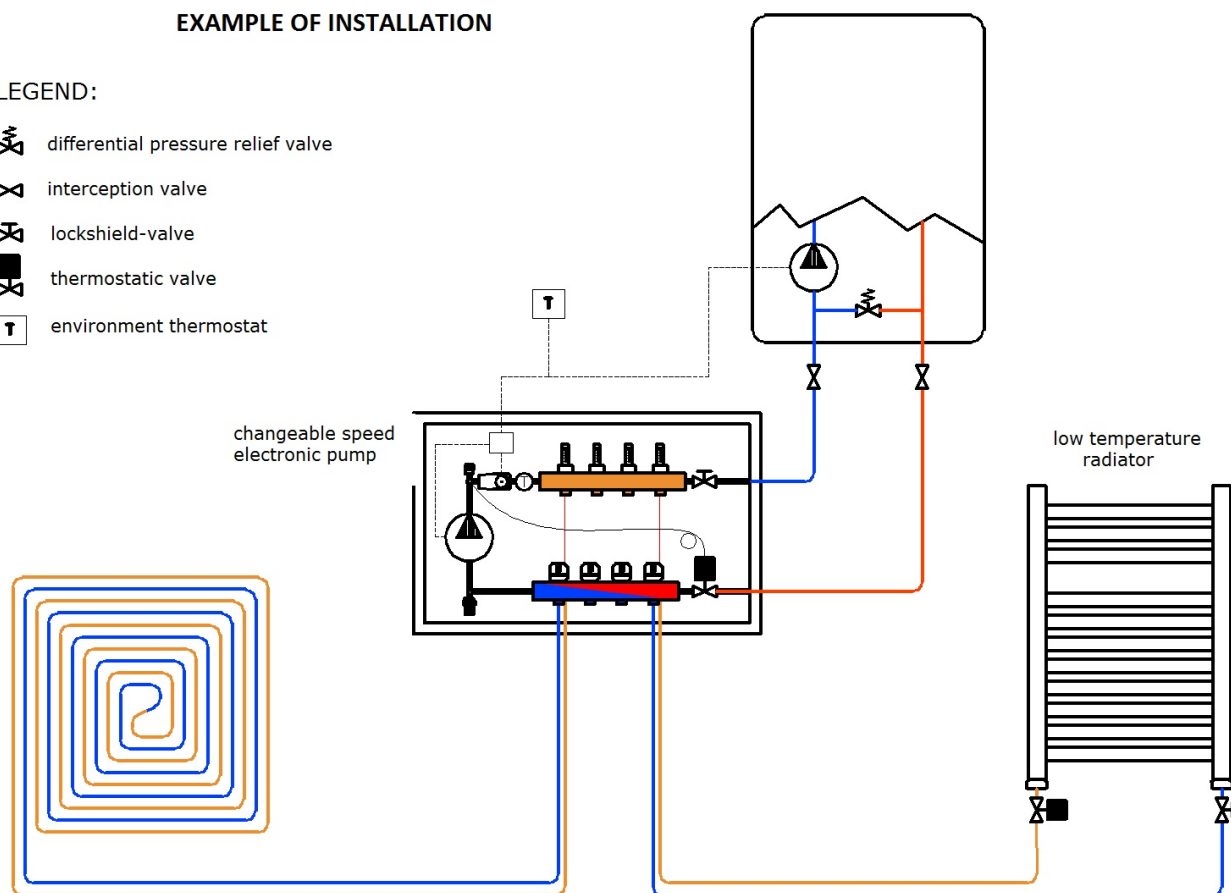
PHONE: +39 030 8920386—FAX: +39 030 8922518 / WWW.BIANCHIFRATELLI.IT - INFO@BIANCHIFRATELLI.IT



### EXAMPLE OF INSTALLATION

#### LEGEND:

-  differential pressure relief valve
-  interception valve
-  lockshield-valve
-  thermostatic valve
-  environment thermostat



If the boiler is not equipped with a differential pressure, place one between the supply and the return.

MADE IN ITALY  
bianchifratelli.it

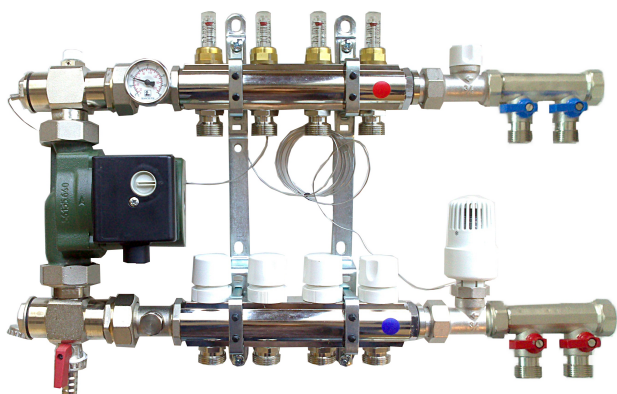
BIANCHI F.LLI S.p.A.

VIA VALDORO 5— P.O. BOX 66—25065 LUMEZZANE (BRESCIA) — ITALY  
PHONE: +39 030 8920386—FAX: +39 030 8922518 / WWW.BIANCHIFRATELLI.IT - INFO@BIANCHIFRATELLI.IT



**BIANCHI F.lli**  
Rubinetteria

# Fixed point thermostatic regulation kit YYYY



## Technical features

Monoblocks	brass UNI EN 12165 CW617N
Pump connection	brass UNI EN 12165 CW617N
Body valve and lockshield-valve	brass UNI EN 12165 CW617N
Valve and lockshield-valve components	brass UNI EN 12165 CW617N
Seals	EPDM
Fluid	Water/glycol solution
Max % glicole	30%
Regulation field	20-55°C
Max exercise pressure	6 bar
Max inlet temperature	95°C
Thermometer scale	0-80°C
Temperature range	20-70°C
Max temperature probe	80°C
Probe length	66 mm
Probe diameter	12 mm
Capillary length	2 m
Pump connection	1 1/2"

## Use and working

The goal of the fixed point regulation kit XXXX is to feed radiant panels and radiators at low and high temperature (just heating).

The temperature of the fluid sent to the panels is regulated through a thermostatic valve that suitably adjust the hot fluid coming from the heat generator with those with low temperature returning from the panels.

The probe of the thermostatic valve is placed after the pump on the supply to the panels.

The security thermostat has the goal to block the pump of the kit in case the supply temperature to the panels is higher of the fixed safety valve (normally 50-55°C).

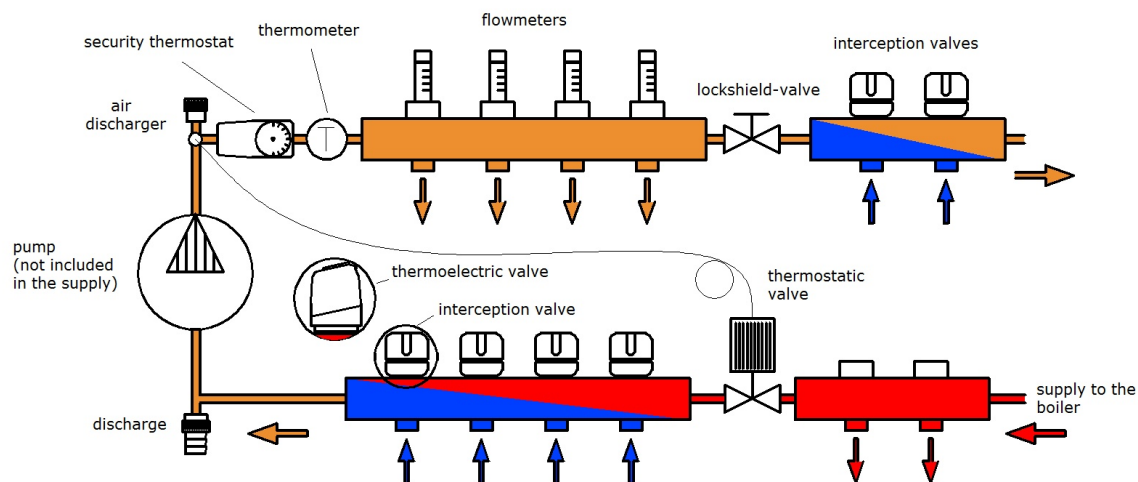
A thermostat placed on the supply of the kit allows to verify the temperature of the fluid sent to the panels.

Appropriate flowmeters, graduated from 0 to 6 l/m, allow to adjust and to intercept the flow of every panel.

Each return of the panels could have thermoelectric heads combined with appropriate thermostats.

For the correct and economic working of these groups the use of electronic pumps is requested. These pumps can in fact vary automatically their speed and keep constantly the prevalence to the connection to the panels. The regulation of the environment temperature can be obtained enslaving the pump of the kit to a environment thermostat placed in a pilot area. Otherwise thermoelectric heads driven by proper thermostats can be installed on the returns of the panels.

In this case it would be suitable to prevent of the block of the pump when all the heads are closed.



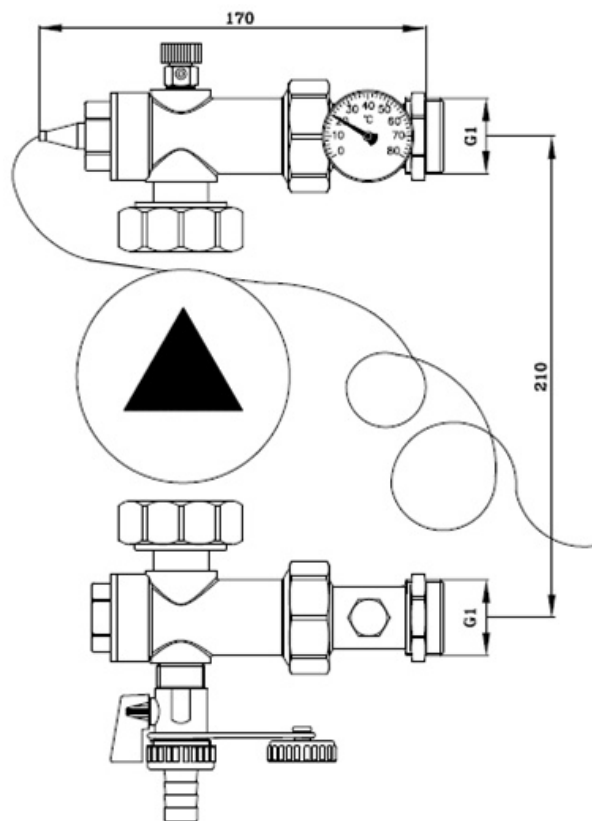
MADE IN ITALY

[bianchifratelli.it](http://bianchifratelli.it)

BIANCHI F.LLI S.p.A.






VIA VALDORO 5— P.O. BOX 66—25065 LUMEZZANE (BRESCIA) — ITALY

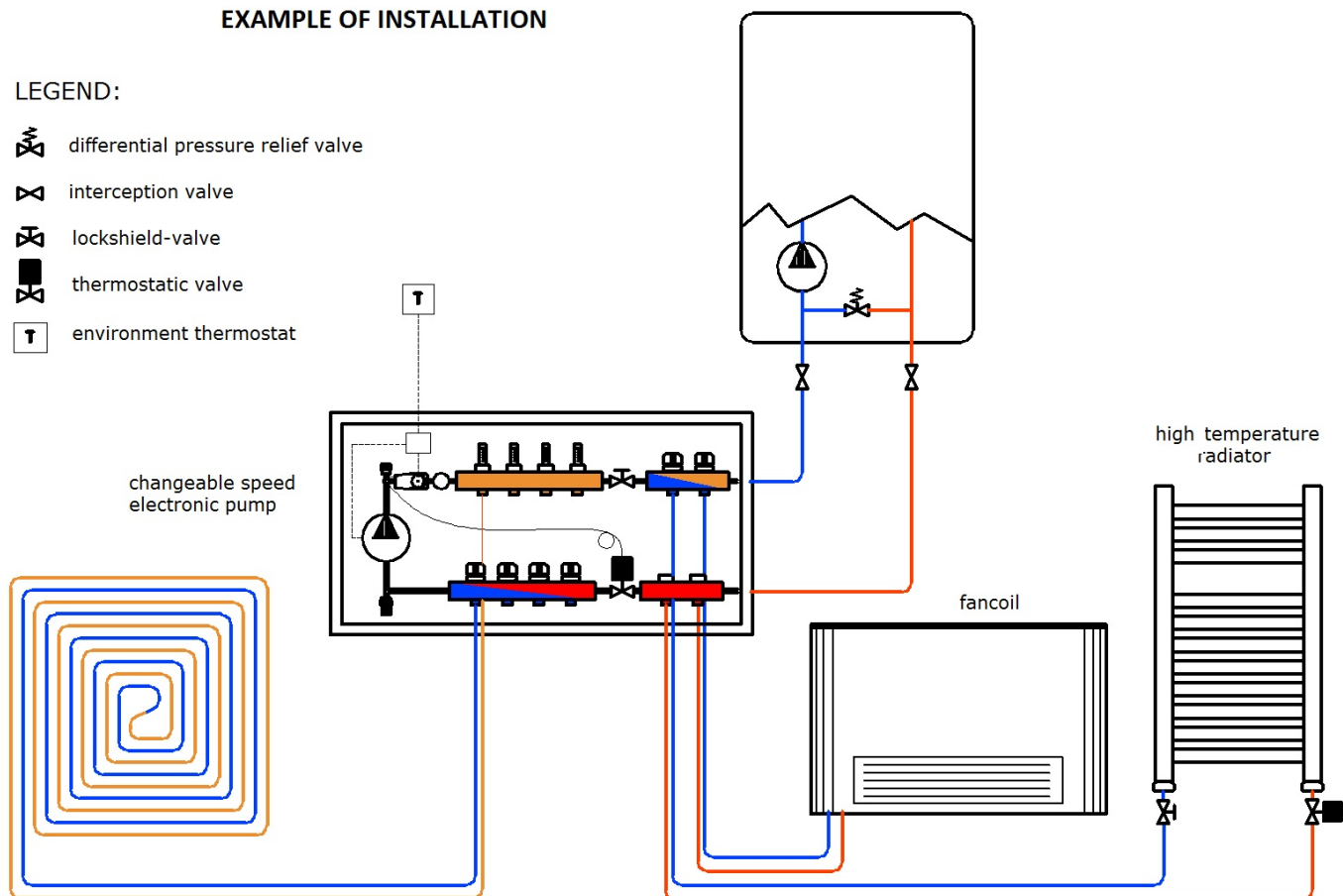
PHONE: +39 030 8920386—FAX: +39 030 8922518 / [WWW.BIANCHIFRATELLI.IT](http://WWW.BIANCHIFRATELLI.IT) - [INFO@BIANCHIFRATELLI.IT](mailto:INFO@BIANCHIFRATELLI.IT)



### EXAMPLE OF INSTALLATION

#### LEGEND:

-  differential pressure relief valve
-  interception valve
-  lockshield-valve
-  thermostatic valve
-  environment thermostat



If the boiler is not equipped with a differential pressure, place one between the supply and the return.

MADE IN ITALY  
bianchifratelli.it

BIANCHI F.LLI S.p.A.

VIA VALDORO 5—P.O. BOX 66—25065 LUMEZZANE (BRESCIA) — ITALY  
PHONE: +39 030 8920386—FAX: +39 030 8922518 / WWW.BIANCHIFRATELLI.IT - INFO@BIANCHIFRATELLI.IT