

Detail of connection scheme of stoves and fireplaces with accumulation tank

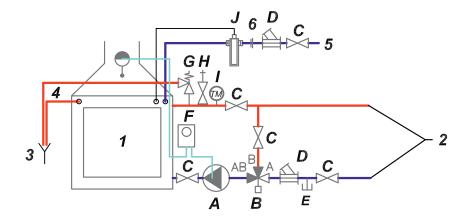


Table of descriptions:

1	Stove/fireplace with hot water exchanger
2	Connection to accumulation tank
3	Connection to drain
4	Drain pipe
5	Connection to cold water – central house piping
6	Transition from polypropylene to copper piping

Table of fittings:

Α	Circulation pump - fireplace
В	TSV3B valve - thermostatic mixing valve 65°C
С	Ball valve
D	Filter
Е	Dump valve
F	Capillary thermostat
G	Safety valve – 2 bar
Н	Automatic air vent valve
I	Thermomanometer
J	BVST - Thermostatic safety valve - with capillary

Detail of connection scheme of stoves and fireplaces directly to heating circuit

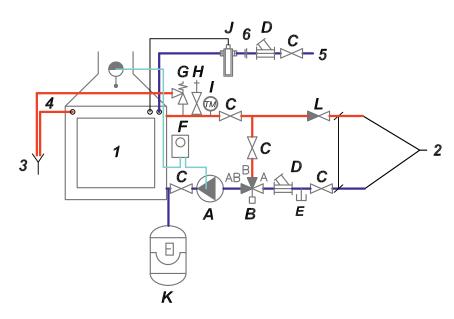


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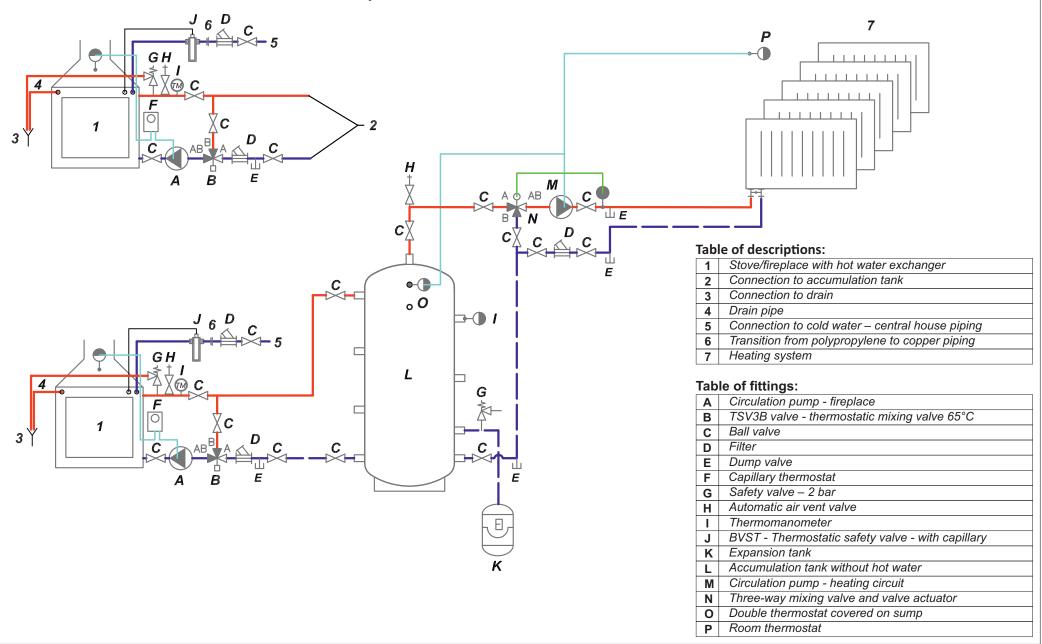
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K	Expansion tank
L	Reverse throttle valve or flap
	B C D E F G H I

Ideological scheme of heating:

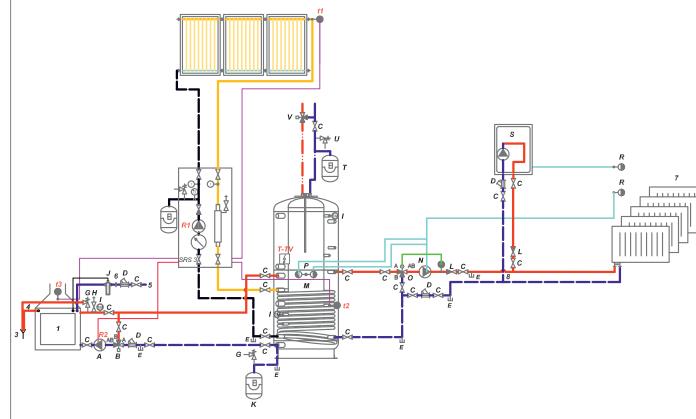


<u>Detail of connection scheme of stoves and fireplaces with accumulation tank</u>





3x Solar panels KPG1 - ALC



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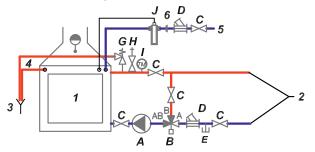


Table of wiring:

R1	Relay - circulation pump - solar panels
R2	Relay - circulation pump - fireplace inserts / stoves
t1	Temperature sensor - solar panels
t2	Temperature sensor - storage - lower part
t3	Temperature sensors - fireplace inserts / stoves
T-T	₩ Heating element - storage - HW

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1	Stove/fireplace with hot water exchanger
2	Connection to accumulation tank
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6	Transition from polypropylene to copper piping
7	Heating system
8	Connection of the gas condensing boiler to the heating system

Table of fittings: A Circulation pump - fireplace

B TSV3B valve - thermostatic mixing valve 65°C C Ball valve D Filter E Dump valve F Capillary thermostat G Safety valve - 2 bar H Automatic air vent valve I Thermomanometer J BVST - Thermostatic safety valve - with capillary K Expansion tank L Check valve or check valve M Storage tank with built-in boiler HW N Circulation pump - heating circuit O Three-way mixing valve and valve actuator P Double thermostat covered on sump R Room thermostat S Condensing gas boiler T Expansion tank for HW	A	Circulation pump - Tireplace
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R Room thermostat S Condensing gas boiler T Expansion tank for HW	0	Three-way mixing valve and valve actuator
S Condensing gas boiler T Expansion tank for HW	Р	Double thermostat covered on sump
T Expansion tank for HW	R	Room thermostat
	S	Condensing gas boiler
	Т	·
U Safety valve HW	U	Safety valve HW
V Thermostatic valve HW	V	Thermostatic valve HW