Module position:

1.1 On the heat/cooling source

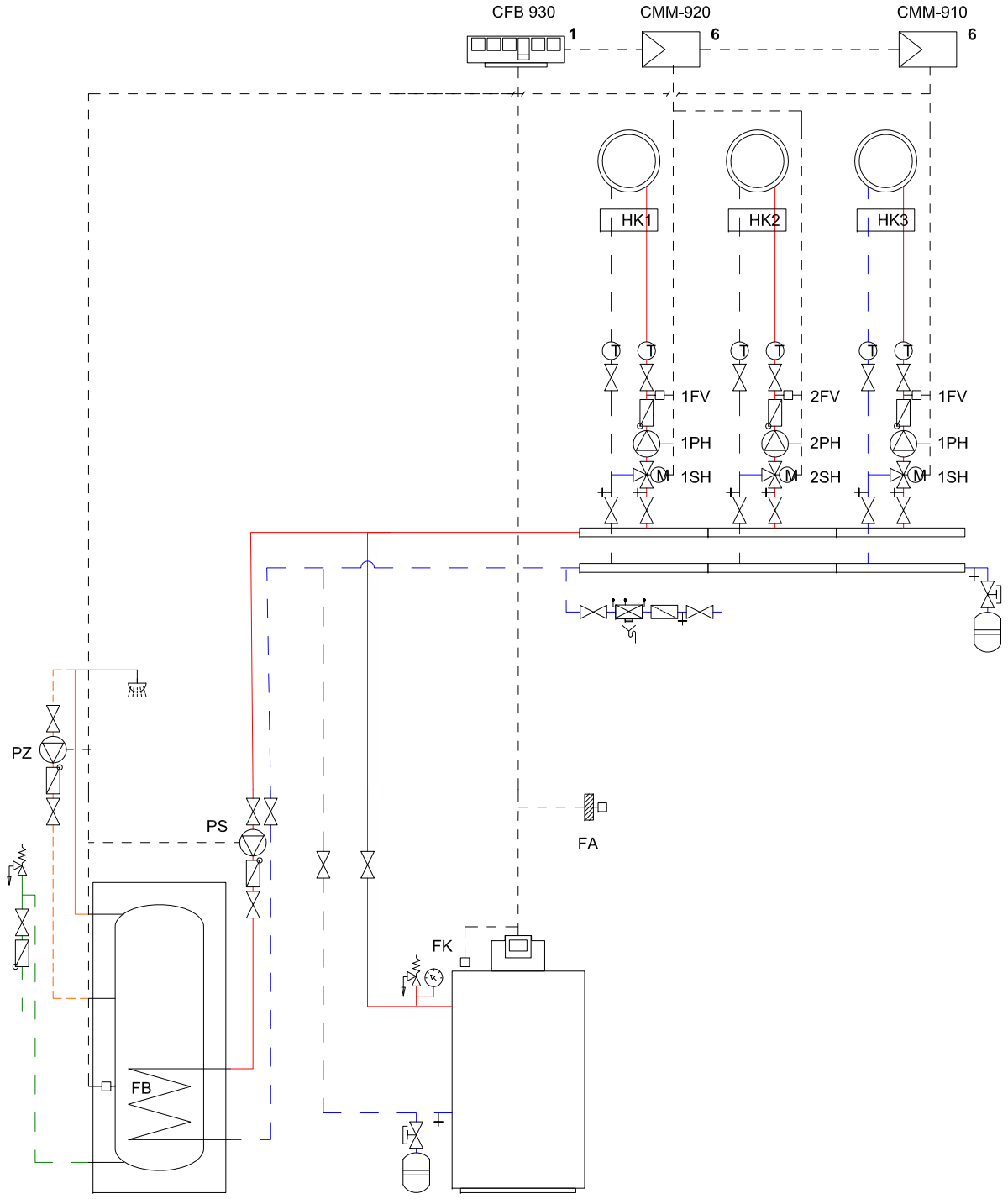
2 On the heat/cooling source or on the wall

3 In the station

4 In the station or on the wall

5 On the wall6 In the controller

The system schematic shown is a non−binding schematic diagram.The circuit diagram/connection diagram contains details on the electrical wiring. Observe national and regional regulations, techical rules and guidelines.



UC8000F 50-115/ 145-640/ 800-1200

No.	6721836183
State	17.03.2021

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Explanation of symbols

Symbol	Name	Symbol	Name	Symbol	Name
Pipework/cables					
	Flow - heating/solar		Brine return		DHW circulation
	Return - heating/solar		Potable water		Electrical wiring
	Brine flow		DHW		Electrical wiring with break
Mixing valves/valves/temperature sensors/pumps					
	Valve		Pressure differential controller		Pump
	Inspection bypass		Pressure relief valve		Non-return valve
	Flow regulating valve		Safety assembly		Temperature sensor/switch
	Pressure relief valve		3-way mixing valve (mixing/distribution)		Safety temperature limiter
	Filter shut-off valve		DHW mixer, thermostatic		Flue gas temperature sensor/switch
	Cap valve		3-way mixing valve (changeover)		Flue gas temperature limiter
	Valve, mechanically controlled		3-way mixing valve (change over, de-energised when closed to II)		Outside temperature sensor
	Valve, thermally controlled		3-way mixing valve (change over, de-energised when closed to A)		Wireless outside temperature sensor
	Shut-off valve, magnetically controlled		4-way mixing valve		...wireless...
Miscellaneous					
	Thermometers		Drain outlet with siphon		Low loss header with sensor
	Manometer		System separation according to EN1717		Heat exchanger
	Drain & fill valve		Expansion vessel with cap valve		Flow rate measuring device
	Water filter		Magnetite separator		Tundish
	Heat meter		Air separator		Heating circuit
	DHW outlet		Automatic air vent		Underfloor heating circuit
	Relay		Expansion joint		Low loss header
	Immersion heater				

Descriptions

KR Flow-check valve
PK Boiler circuit pump
RK Return
VK Flow
VSL Safety flow
SR Actuator, return temperature raising facility
SV Pressure relief valve
SK Boiler circuit actuator
SH Heating circuit actuator
VHK Heating circuit flowrate
VPK Boiler circuit pump flow rate
TWH Flow temperature limiter
DV Throttle valve
FA Outside temperature sensor
FK Boiler temperature sensor
FV Flow temperature sensor
FB DHW temperature sensor
FZ Auxiliary temperature sensor
FVS Strategy sensor
FR Return temperature sensor
PK Boiler circuit pump
PH Heating circuit actuator
PS Cylinder primary pump
PZ DHW circulation pump