

7 Symbols

Symbol	Des.	Denomination	Symbol	Des.	Denomination	Symbol	Des.	Denomination
	Vx	Shut-off valve		Gx	Pressure sensor		Px	Pump
	Dx	Non return valve, flow direction >		Gx	Differential pressure switch		VL	Air vent (automatical)
	Vx	Adjusting valve		CC	Accumulator tank		Sx	Filter valve
	Fx	Safety valve, outlet >		CW	Coil tank		OW	Domestic hot water
	Vx	Control valve with motor, arrows indicates regulating gates		EE	Electrical boiler			Inlet/ outlet
	Mx	Thermal valve		EM	Oil-fired boiler			Duct (arrow indicates flow direction)
	Gx	Thermometer			Heat pump			Intersecting duct
	Tx	Temperature sensor		Cx	Expansion vessel			T-branch
	Gx	Pressure gauge		Sx	Filter/Screen			
				Ex	Heat exchanger			

Symbols according to ISO/FDIS 14617
This is a principal drawing

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Fig. 2

8 Designations

Des.	Denominations
Sensors	
T0	Flow temperature sensor
TC2	Temperature sensor in buffer cylinder
TL1	Outdoor temperature sensor
TW1	DHW temperature sensor
Heat pump	
	When cascade, use Z1, Z2... as prefix
TB0	Temperature sensor collector circuit in
TB1	Temperature sensor collector circuit out
TC0	Temperature sensor heat transfer fluid in
TC1	Temperature sensor heat transfer out
TC3	Temperature sensor heat transfer out
PB3	Circulation pump collector circuit
PC0	Circulation pump heat transfer fluid
VW1	Three way valve
FC1	Safety valve
SC21	Filter
Heating circuit	
	When more than one heating circuit, use C1, C2... as prefix
PC1	Circulation pump heating circuit
VC11-12	Shut-off valve PC1
VC10	Three way valve
VC13-14	Shut-off valves
SC11	Filter
GC11-	Thermometers
Heating circuit primary	
	When cascade, use Z1, Z2... as prefix
DC21-	Non return valves
VC21-	Shut-off valves
CC1	Accumulator tank
VA21-	Draining valve
Cooling circuit	
	When cascade, use Z1, Z2... as prefix
FB31-	Safety valve
VB31-33	Filling unit
VB34	Shut-off valve expansion vessel
CB31	Expansion vessel deairing
CB32	Expansion vessel
GB31	Pressure gauge
SB31	Filter
VB35	Shut-off valve
DB31	Non return valve
VL35	De-airing valve
DHW primary	
	When cascade, use Z1, Z2... as prefix
CW1-	Coil cylinder or accumulator cylinder
VC41-	Valves DHW
VA41-	Draining valve
VL41-	De-airing valve
DHW	
	When cascade, use Z1, Z2... as prefix
FW41	Safety valve
VW41-	Valves DHW
MW41	Thermal mixing valve
PW2	Circulation pump
GW41-	Thermometers

Table 5

Des.	Denominations
DW41-	Non return valves
Additional heat	
EE	Electrical boiler
EM71	Oil or gas boiler
FM71	Safety valve
VL71	De-airing valve
TC1	Temperature sensor
VM71-	Shut-off and balancing valves
VM0	Three way valve
GM71-	Thermometers
PM1	Circulation pump
PM2	Circulation pump
DC11	Non return valve
Safety circuit	
CC91-	Expansion vessel
FC91-	Safety valve
GC91-	Pressure gauge
VL91-	De-airing valve
Filling unit system water	
VW95-	Shut-off valves
VL95-	De-airing valves

Table 5