

AF1-40-00-00-00-43-10

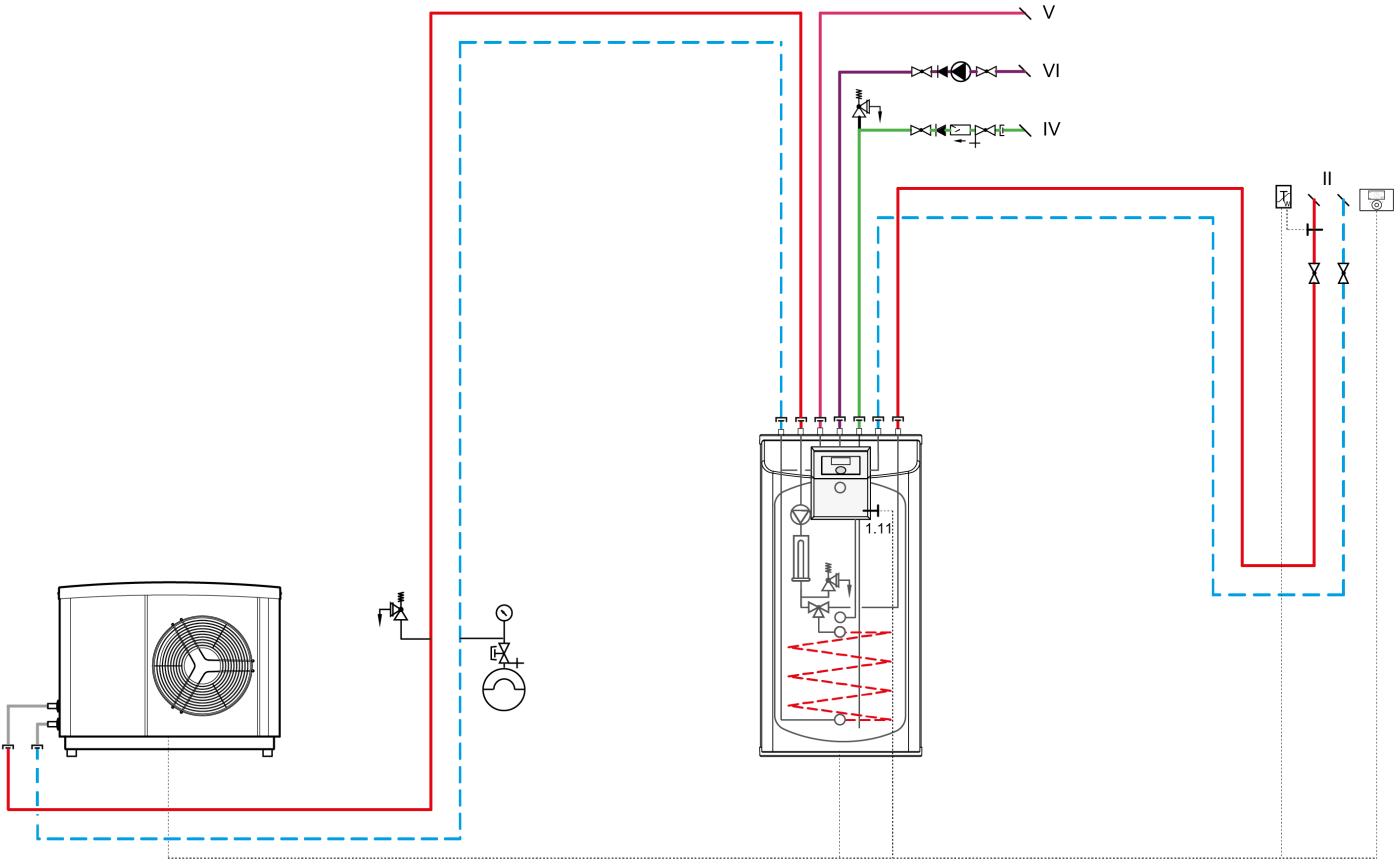
-  Air
-  Outdoor installation
-  HPA-0 3 CS Plus
-  Heat pump 230V
-  Auxiliary heating 400V
-  Without buffer
-  HSBB 180
-  1 heating circuit
-  No 2. heat source
-  Active cooling
-  Without solar
-  Without pool

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The drawing is a system sketch and does not replace the project-specific planning.



[Parts list & documents](#)



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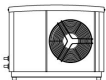
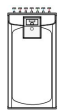
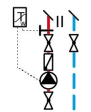
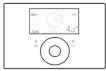
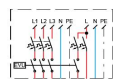
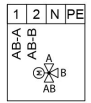
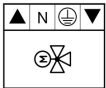
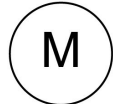
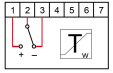
[illegible]

WPMsystem | LWZ

1.1	CAN A	2.1	Power supply	3.1	CAN A	4.1	Power supply	I	Heat source
1.2	CAN B	2.2	Pump L	3.2	CAN B	4.2	Pump L	II	Heating circuit radiator
1.3	Sensor outside temperature	2.3	Heating circulation pump 1	3.3	Sensor Buffer 2	4.3	Heating circulation pump 4	III	Heating circuit underfloor heating
1.4	Sensor Buffer or heating circuit 1	2.4	Heating circulation pump 2	3.4	Primary pool sensor	4.4	Heating circulation pump 5	IV	Cold water inlet
1.5	Sensor forward flow	2.5	Heating circulation pump 3	3.5	Secondary pool sensor	4.5	DHW loading pump 2	V	DHW outlet
1.6	Sensor heating circuit 2	2.6	Buffer loading pump 1	3.6	Sensor heating circuit 4	4.6	Buffer loading pump 3	VI	DHW circulation
1.7	Sensor heating circuit 3	2.7	Buffer loading pump 2	3.7	Sensor heating circuit 5	4.7	Buffer loading pump 4	VII	Swimming pool
1.8	Sensor DHW cylinder	2.8	DHW loading pump	3.8	Sensor DHW cylinder 2	4.8	Buffer loading pump 5	VIII	Solar panel
1.9	Sensor heat source	2.9	Heat source pump / Defrost	3.9	Differential sensor 1.1	4.9	Buffer loading pump 6	IX	Differential controller
1.10	Sensor second heat source	2.10	Error output	3.10	Differential sensor 1.2	4.10	Differential controller output 1		
1.11	Sensor Forward flow cooling	2.11	Circulation pump / Second heat source DHW	3.11	Differential sensor 2.1	4.11	Differential controller output 2	MFA	Multi functional output for
1.12	Sensor Circulation / Buffer 2	2.12	2nd heat source heating	3.12	Differential sensor 2.2	4.12	Primary swimming pool pump		Solarpump /
1.13	Remote control FE 7	2.13	Cooling	3.13	Sensor Reserve	4.13	Secondary swimming pool pump		2nd heat source / Cooling /
1.14	Analog input 1 (0...10V / 4...20mA)	2.14	Mixer heating circuit 2	3.14	Analog input 3 (0...10V / 4...20mA)	4.14	Mixer heating circuit 4		Circulation pump /
1.15	Analog input 2 (0...10V / 4...20mA)	2.15	Mixer heating circuit 3	3.15	Analog input 4 (0...10V / 4...20mA)	4.15	Mixer heating circuit 5		2nd heat source DHW
1.16	PWM Output 1			3.16	PWM Output 3				
1.17	PWM Output 2			3.17	PWM Output 4				
1.18	CAN B			3.18	CAN B				
1.19	CAN A			3.19	CAN A				

WPM3 | WPMi

1	Heat pump	2a	Temperature sensor: Outside temperature	2f	Temperature sensor: Heat source 2	3	Circulation pump: Heat pump - heat source	3e	Circulation pump: Swimming pool
2	Control unit: WPM	2b	Temperature sensor: Return temperature	2g	Temperature sensor: Heat source	3a	Circulation pump: Heat pump - heating side	3f	Circulation pump: Solar DHE heating
2-1	Swimming pool module: MSM	2c	Temperature sensor: Flow temperature	2h	Temperature sensor: Swimming pool water heating	3b	Circulation pump: DHW heating	3g	Circulation pump: Solid fuel boiler
		2d	Sensor DHW	2k	Temperature sensor: Solar panel	3c	Circulation pump: Heating circuit 1		
		2e	Temperature sensor: Mixer control	2s	Temperature sensor: Storage tank - solar system/ Cooling	3d	Circulation pump: Heating circuit 2		

	WPL ACS classic Heat pump		HSBB 180 Water heating		WPKI-HK E Heating circuit radiator
	FET/FEK remote Control		House connection Electrical wiring diagram		switching valve Electrical wiring diagram
	mixer Electrical wiring diagram		circulating pump Electrical wiring diagram		Protection thermostat Electrical wiring diagram

	Expansion vessel		Circulation pump		Mixing valve		Changeover valve		Filter
	Safety valve		Vent		Gravity brake		Shut-off		Filling and drain cock
	Contact thermostat		Flow sensor		Pressure indicator		Brine pressure limiter		Central Thermostat ZTA
	Heat exchanger		Vibration damper		Booster heating DHC		Screw-in radiator BGC		Electric heating flange FCR