

# Hydro-split EASYIN

WiSAN-YME 1 S + HQCN-NEE 1 IC A

WiSAN-PME 1 S + HQCN-NEE 1 IC

Can be combined with EDGE EVO 2.0 and EDGE F

Uncased indoor unit for Hydro-split systems

## ENERGY SAVING



Solar integration (optional)



€-Switch



Hot Cold



DHW



Silent

## RELIABILITY



Backup heater (optional)

## HEALTH



Energy renewable (Full electric version)

## CONVENIENCE



Weekley Timer



Integrated DHW tank



Contemporaneity (Hybrid Version)



Instant DHW (Hybrid Version)

## MANAGEMENT AND CONNECTIVITY



Input ON/OFF



MOD Port Modbus



Control via App



ELFOControl management



Clivet Eye monitoring



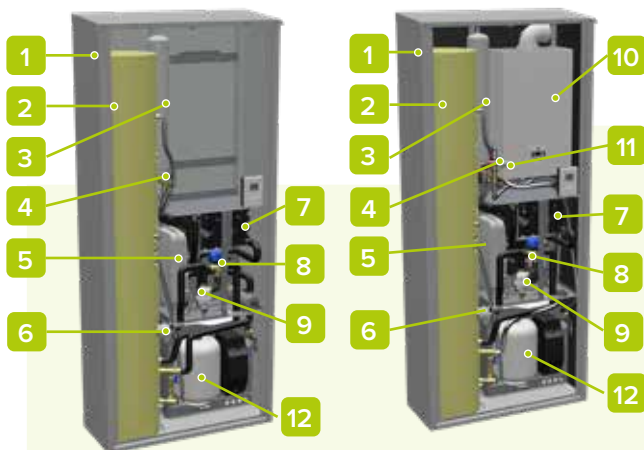
User interface / thermostat



- ✓ Ultra thin only 35 cm
- ✓ Complete (deflector filter - expansion vessel - anti-scalding - 15 l inertia)
- ✓ Versatile with a wide range of accessories
- ✓ Simple

## Installation also visible

EASYIN is the uncased hydronic module, which makes it possible to have the complete heating and DHW production system inside the wall, without occupying any surface area in the building


















1. Visible cabinet
2. Domestic hot water storage tank
3. Sanitary expansion tank
4. Thermostatic anti-scald valve
5. Plant expansion tank
6. Backup electric heater
7. Inertial tank
8. 3-way valve for DHW
9. Magnetic deflector filter+safety valve
10. Condensation boiler with instantaneous DHW
11. Thermostated boiler bypass valve
12. Solar kit (control unit-expansion tank-pump unit)

## configurations

Hybrid version in combination with FE 24.4 and FE 33.4 boiler  
(see the relevant paragraph for boiler data)

## internal accessories

	<b>ADIX</b>	Main uncased cabinet (Std)		<b>SICGX</b>	Intermediate exchanger for glycol circuit <sup>(NEW)</sup>
	<b>ACS150X</b>	150 l DHW cylinder (Std)		<b>ACSA150X</b>	Additional 150 l DHW storage tank
	<b>ACS50X</b>	Additional 50 l DHW storage tank		<b>ACSA50X</b>	Additional 50 l DHW storage tank
	<b>AENVX</b>	Additional aesthetic practical cabinet for system accessories in full view <sup>(NEW)</sup>		<b>KCI150X</b>	150 l additional cylinder connection kit
	<b>KCIACSX</b>	Storage tank connection kit (Std)		<b>ADIAX</b>	150 l additional DHW storage tank cabinet
	<b>KCSX</b>	Single zone kit		<b>KCVEX</b>	Solar controller module + pump + expansion tank
	<b>KIR2HX</b>	Hydraulic kit for managing two areas with the same temperature		<b>SHWTX</b>	DHW tank with heat exchanger for connection to solar panel
	<b>KIR2HLX</b>	Hydraulic kit for managing two areas with high and mixed temperature		<b>ADI50X</b>	Additional built-in cabinet for storage tank / solar kit
	<b>EH0246X</b>	Additional heater 2 - 4 kW <sup>(NEW)</sup>		<b>KCIBOIX</b>	Boiler connection kit for instantaneous DHW production
	<b>EH9X</b>	Additional heater 6 kW <sup>(NEW)</sup>			

# technical data - EASYIn + Edge EVO 2.0 EXC

Size					2.1	3.1	4.1	5.1
Heating	Capacity	Water 35/30 °C	Nominal / Maximum	kW	<b>4,20 / 5,33</b>	<b>6,35 / 7,41</b>	<b>8,40 / 9,11</b>	<b>10,0 / 10,3</b>
	COP	Outdoor air 7 °C	Nominal	-	5,10	4,95	5,15	4,95
	Capacity	Water 35/30 °C	Nominal / Maximum	kW	4,70 / 4,99	6,00 / 6,21	7,00 / 7,27	8,00 / 8,31
	COP	Outdoor air -7 °C	Nominal	-	3,10	3,00	3,20	3,05
	Capacity	Water 45/40 °C	Nominal / Maximum	kW	4,30 / 5,96	6,30 / 7,13	8,10 / 8,98	10,0 / 10,3
	COP	Outdoor air 7 °C	Nominal	-	3,80	3,70	3,85	3,75
Cooling	Capacity	Water 18/23 °C	Nominal / Maximum	kW	<b>4,50 / 7,65</b>	<b>6,50 / 7,65</b>	<b>8,30 / 11,1</b>	<b>9,90 / 12,0</b>
	EER	Outdoor air 35 °C	Nominal	-	5,50	4,80	5,05	4,55
	Capacity	Water 7/12 °C	Nominal / Maximum	kW	4,70 / 6,14	7,00 / 7,11	7,45 / 7,94	8,20 / 8,67
	EER	Outdoor air 35 °C	Nominal	-	3,45	3,00	3,35	3,25
DHW	Net tank capacity			l			143	
	Water mixed at 40 °C (V40) <sup>1</sup>			l			188	
	Heating time			h:min	2:11	2:11	1:47	1:47
Electrical power for meter sizing				kW	2,30	2,70	3,40	3,70
Seasonal efficiency Medium climate	Heating Water 55 °C	Energy class	-	-	<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>
		Annual energy consumption	-	2.749	3.348	4.064	4.541	
		SCOP	-	3,31	3,52	3,37	3,47	
	Heating Water 35 °C	ηs (seasonal output)	%	129	138	131	137	
		Energy class	-	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	
		Annual energy consumption	-	2.354	2.849	3.223	3.649	
	DHW	SCOP	-	4,85	4,95	5,22	5,20	
		ηs (seasonal output)	%	191	195	205	205	
		Energy class	-	<b>A+</b>	<b>A+</b>	<b>A+</b>	<b>A+</b>	
		Withdrawal profile	-	L	L	L	L	
<b>Size - Indoor unit</b>					<b>A</b>			
Power supply	Voltage/Frequency/Phases			V/Hz/n °	220-240/50/1			
Expansion tank capacity				l	12			
Sound power	Nominal			dB(A)	41			
Sound pressure @1m	Nominal			dB(A)	26			
<b>Boiler - Hybrid version</b>					<b>GAS BOILER FE 24.4</b>			
Boiler	Nominal Heating capacity (LHV)	Water 80/60 °C	Nominal	kW	24,0			
	Efficiency		Nominal	%	97,8			
Power supply	Voltage/Frequency/Phases			V/Hz/n °	220-240/50/1			
Power input	Water content			W	82			
Sound power	Nominal			dB(A)	49			
<b>Size - Outdoor unit</b>					<b>2.1</b>	<b>3.1</b>	<b>4.1</b>	<b>5.1</b>
Power supply	Voltage/Frequency/Phases			V/Hz/n °	220-240/50/1			
Water flow-rate	Water 35/30 °C	Nominal	l/s	0,20	0,30	0,40	0,48	
Pump available pressure	Outdoor air 7 °C	Nominal	kPa	85	84	80	71	
Minimum system water content				l	40			
Expansion tank capacity				l	4,8			
Sound power	Minimum / Nominal			dB(A)	53 / 55	55 / 58	54 / 59	55 / 60
Sound pressure @1m	Minimum / Nominal			dB(A)	39 / 41	41 / 44	40 / 45	40 / 46
<b>Operating range</b>								
Water supply temperature	Heating / DHW	Full electric	Minimum / Maximum	°C	25 / 65			
		Hybrid	Minimum / Maximum	°C	25 / 75			
	Cooling	-	Minimum / Maximum	°C	5 / 25			
Operating range (Outdoor air)	Heating / DHW	-	Minimum / Maximum	°C	-25 / 43			
		DHW	-	Minimum / Maximum	°C	-25 / 43		
	Cooling	-	Minimum / Maximum	°C	-5 / 43			

Data according to EN 14511:2018 and EN 14825:2016

The Product complies with the European ErP Directive (EU Regulations 811/2013 - 813/2013 - 2016/2281). Energy classes with Control4 NRG system control

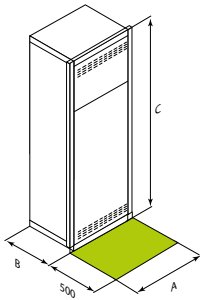
(1) Data according to EN 16147: amount of water at 40 °C with the same enthalpy content as the water coming out of the Boiler at a temperature higher than 40 °C

## dimensions and connections

Size			2.1	3.1	4.1	5.1
Dimensions	Indoor unit	AxCxB	950x2.200x360			
	Outdoor unit	AxCxB	1.295x717x400		1.385x864x445	
Operating weight	Indoor unit		50			
	Boiler		31			
	Outdoor unit		86		105	
Refrigerant charge		type / GWP	R-32 / 675			
		kg	1,40			
		CO <sub>2</sub> tons	0,95			
	Indoor unit	Water (System)	1"			
	Outdoor unit	Water (DHW)	3/4"			
Boiler Hybrid version	Water (System)		1"		1 1/4"	
	Gas		3/4"			
	Intake air		80			
	Exhaust gas		80			

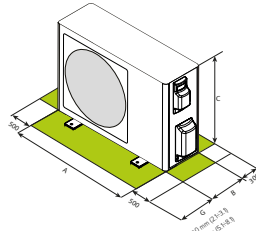
### HQCN-NEE 1 IC

Indoor unit (IDU)



### WiSAN-YME

Outdoor unit (ODU)

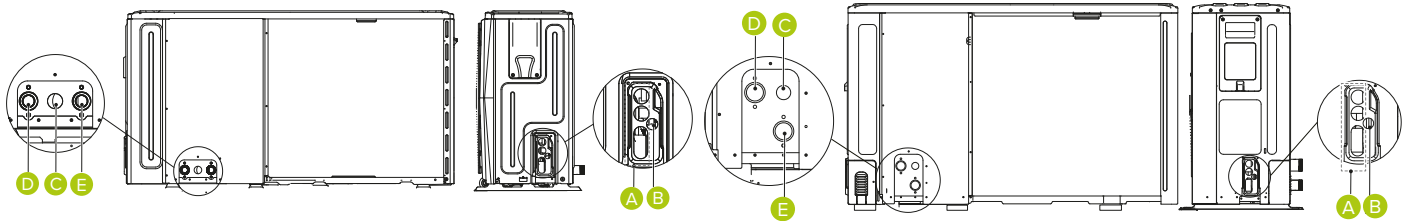


E = 500 mm  
 F = 500 mm  
 G = 1000 mm (2.1÷3.1)  
 H = 300 mm

For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

### SIZES 2.1 to 3.1

### SIZE 4.1 ÷ 5.1



- A. Hole for high voltage cable (power supply)
- B. Hole for low pressure cable (control and signal cables)
- C. Hole for discharge pipe
- D. Water outlet
- E. Water inlet

# technical data - EASYIn + Edge F

Size					2.1	3.1	4.1	5.1	
Heating	Capacity	Water 35/30 °C	Nominal / Maximum	kW	<b>4,50 / 6,86</b>	<b>6,20 / 7,70</b>	<b>8,40 / 10,4</b>	<b>10,0 / 11,0</b>	
	COP	Outdoor air 7 °C	Nominal	-	5,15	4,90	5,00	4,70	
	Capacity	Water 35/30 °C	Nominal / Maximum	kW	4,50 / 5,56	5,90 / 6,18	7,00 / 8,74	8,00 / 8,89	
	COP	Outdoor air -7 °C	Nominal	-	3,10	2,95	3,00	2,85	
	Capacity	Water 45/40 °C	Nominal / Maximum	kW	4,50 / 6,55	6,40 / 7,35	8,20 / 9,57	10,0 / 10,5	
	COP	Outdoor air 7 °C	Nominal	-	4,05	3,80	3,85	3,65	
Cooling	Capacity	Water 18/23 °C	Nominal / Maximum	kW	<b>4,50 / 7,84</b>	<b>6,50 / 9,75</b>	<b>8,30 / 11,4</b>	<b>10,0 / 12,1</b>	
	EER	Outdoor air 35 °C	Nominal	-	5,50	5,10	5,15	4,75	
	Capacity	Water 7/12 °C	Nominal / Maximum	kW	4,70 / 5,66	6,80 / 7,14	7,50 / 8,19	8,90 / 8,90	
	EER	Outdoor air 35 °C	Nominal	-	3,65	3,10	3,45	3,25	
DHW	Net tank capacity			l			143		
	Water mixed at 40 °C (V40) <sup>1</sup>			l			188		
	Heating time			h:min	02:11	02:11	01:47	01:47	
Electrical power for meter sizing				kW	2,70	3,00	3,60	3,90	
Seasonal efficiency Medium climate	Heating Water 55 °C	Energy class	-	-	<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>	
		Annual energy consumption	-	2.684	3.164	3.676	4.215		
		SCOP	-	3,79	3,81	3,81	3,82		
	Heating Water 35 °C	ηs (seasonal output)	%	148,7	149,7	149,7	149,8		
		Energy class	-	-	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	<b>A+++</b>	
		Annual energy consumption	-	2.040	2.692	3.187	3.734		
	DHW	SCOP	-	5,09	4,91	5,20	5,07		
		ηs (seasonal output)	%	200,7	193,5	204,8	199,8		
		Energy class	-	-	<b>A+</b>	<b>A+</b>	<b>A+</b>	<b>A+</b>	
		Withdrawal profile	-	-	L	L	L	L	
<b>Size - Indoor unit</b>					<b>A</b>				
Power supply				V/Hz/n °	220-240/50/1				
Expansion tank capacity				l	12				
Sound power				Nominal	dB(A)				
Sound pressure @1m				Nominal	dB(A)				
					26				
<b>Boiler - Hybrid version</b>					<b>GAS BOILER FE 24.4</b>				
Boiler	Nominal Heating capacity (LHV)	Water 80/60 °C	Nominal	kW	24,0				
	Efficiency		Nominal	%	97,8				
Power supply				V/Hz/n °	220-240/50/1				
Power input				Water content	W				
Sound power				Nominal	dB(A)				
					49				
<b>Size - Outdoor unit</b>					<b>2.1</b>	<b>3.1</b>	<b>4.1</b>	<b>5.1</b>	
Power supply				V/Hz/n °	220-240/50/1				
Water flow-rate		Water 35/30 °C	Nominal	l/s	0,21	0,30	0,40	0,48	
Pump available pressure		Outdoor air 7 °C	Nominal	kPa	89	87	80	71	
Minimum system water content				l	40				
Expansion tank capacity				l	8				
Sound power				Minimum / Nominal	dB(A)	51 / 56	53 / 58	55 / 60	56 / 61
Sound pressure @1m				Minimum / Nominal	dB(A)	40 / 44	42 / 46	42 / 48	43 / 49
<b>Operating range</b>									
Water supply temperature	Heating / DHW	Full electric	Minimum / Maximum	°C	25 / 75				
		Hybrid	Minimum / Maximum	°C	25 / 75				
	Cooling	-	Minimum / Maximum	°C	5 / 25				
Operating range (Outdoor air)	Heating / DHW	-	Minimum / Maximum	°C	-25 / 35				
		-	Minimum / Maximum	°C	-25 / 46				
	Cooling	-	Minimum / Maximum	°C	-5 / 46				

Data according to EN 14511:2018 and EN 14825:2016  
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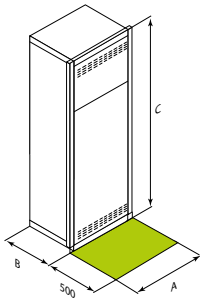
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## dimensions and connections

Size			2.1	3.1	4.1	5.1
Dimensions	Indoor unit	AxCxB		950x2.200x360		
	Outdoor unit	AxCxB	1.295x718x381			1.385x865x423
Operating weight	Indoor unit			50		
	Boiler			31		
	Outdoor unit		90			117
Refrigerant charge		type / GWP		R-290 / 3		
		kg	0,70			1,10
		CO <sub>2</sub> tons	0,002			0,003
Indoor unit	Water (System)	inch		1"		
	Water (DHW)	inch		3/4"		
Outdoor unit	Water (System)	inch	1"			1" 1/4
	Gas	inch		3/4"		
Boiler Hybrid version	Intake air	mm		80		
	Exhaust gas	mm		80		

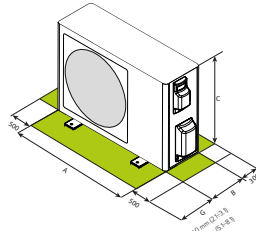
### HQCN-NEE 1 IC

Indoor unit (IDU)



### WiSAN-PME 1 S

Outdoor unit (ODU)



E = 500 mm

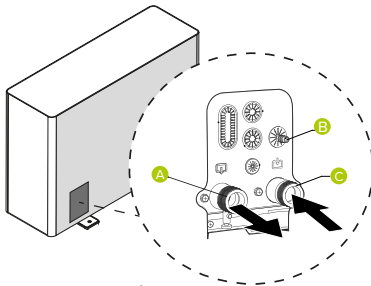
F = 500 mm

G = 1000 mm (2.1÷3.1)

H = 300 mm

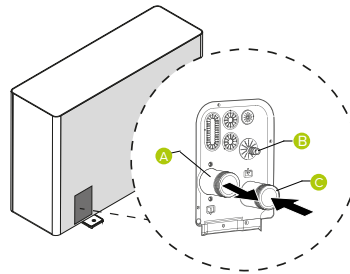
For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

### SIZES 2.1 to 3.1

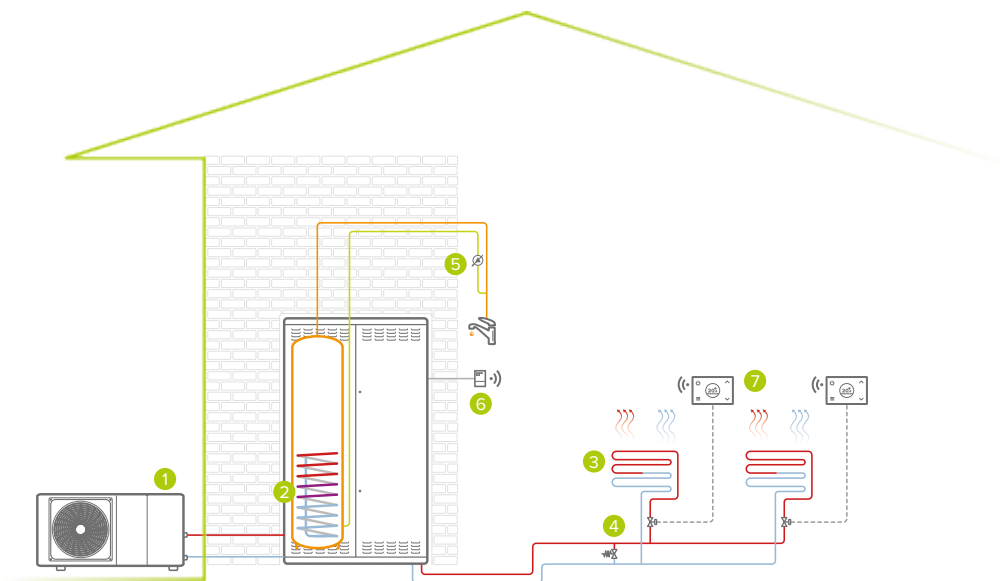


- A. 1" system supply
- B. Safety valve Ø 16 mm
- C. 1" system return

### SIZE 4.1 ÷ 5.1

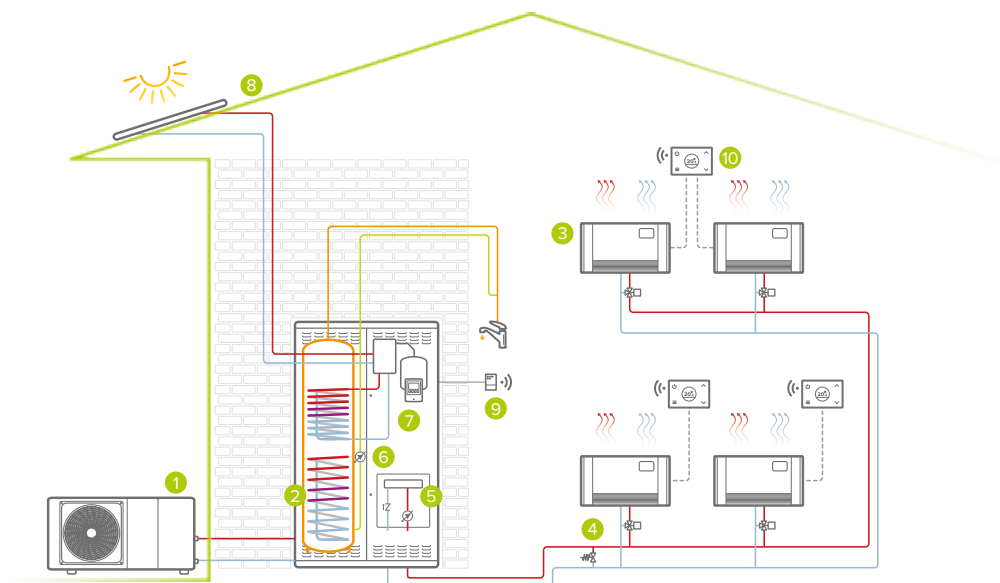


- A. 1 1/4" system supply
- B. Safety valve Ø 16 mm
- C. 1 1/4" system return



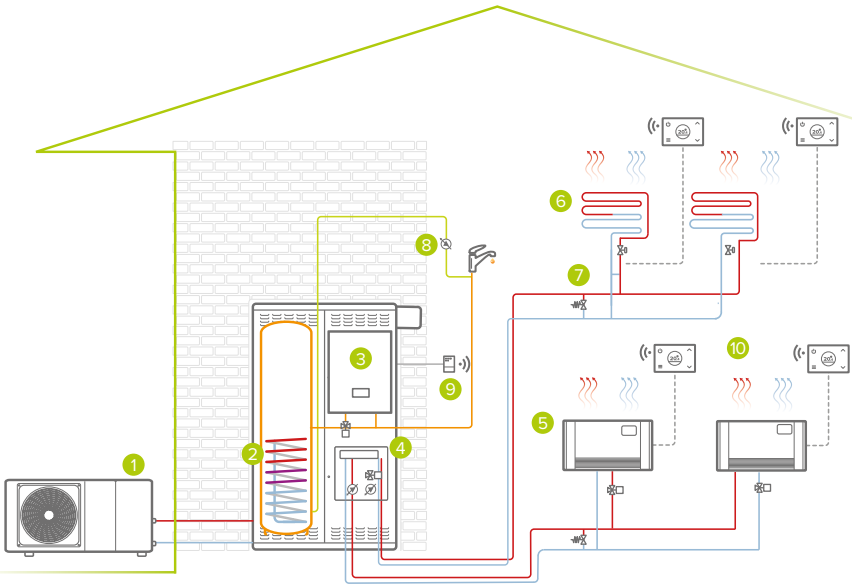
**Single-zone system:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating area
- 4 Bypass
- 5 DHW recirculation pump
- 6 Receiver / IoT switch SwitchConnect
- 7 Hid-TConnect2 chronothermostat



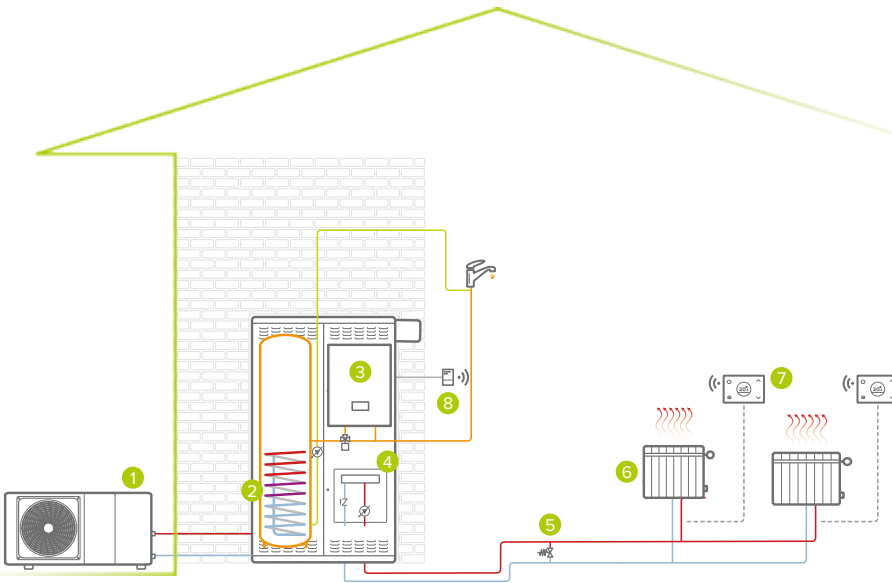
**Single-zone + solar system:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 cooling zone
- 4 Bypass
- 5 Single zone kit circuit breaker + pump
- 6 DHW recirculation pump
- 7 solar connection kit
- 8 ELFOSun thermal solarre
- 9 Receiver / IoT switch SwitchConnect
- 10 Hid-TConnect2 chronothermostat



**Two-zone system + boiler:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 Condensing boiler
- 4 Circuit breaker two-area kit + pump
- 5 Medium temperature heating system
- 6 High temperature heating system
- 7 DHW recirculation pump
- 8 Bypass
- 9 Hid-TConnect2 chronothermostat
- 10 Receiver / IoT switch SwitchConnect



**Single-zone system + boiler + instant kit:**  
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 Condensing boiler
- 4 Circuit breaker two-area kit + pump
- 5 Medium temperature heating system
- 6 DHW recirculation pump
- 7 Bypass
- 8 Hid-TConnect2 chronothermostat
- 9 Receiver / IoT switch SwitchConnect