

Hydro-split EASYBOX

WISAN-YME 1 S + HQCN-NEE 1 BC A
WISAN-PME 1 S + HQCN-NEE 1 BC

Wall-mounted indoor unit for Hydro-split systems

Can be combined with EDGE EVO 2.0 and EDGE F

ENERGY SAVING



Solar integration (optional - DHW tank)



Cascade



€-Switch

COMFORT



Hot Cold



DHW



Silent

RELIABILITY



Backup heater (optional)

HEALTH



Renewable Energy (Full electric version)

CONVENIENCE



Weekley Timer



Contemporaneity (Hybrid Version)



Instant DHW (Hybrid Version)

MANAGEMENT AND CONNECTIVITY



Input ON/OFF



Port Modbus



Control via App



Management Control4 NRG



Clivet Eye monitoring



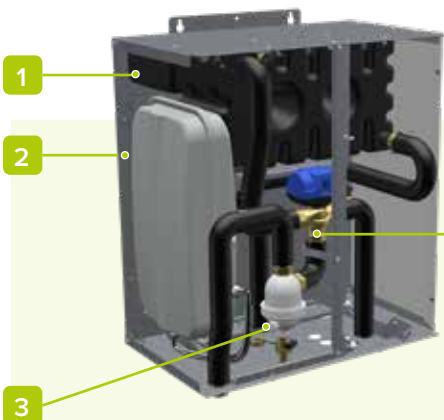
User interface / thermostat



- ✓ Compact module
- ✓ Plug and play
- ✓ Complete (filter - 3-way - inertial)
- ✓ Intuitive connections
- ✓ Dirt separator filter, 3-way DHW valve

Universal

EASYBOX is the hydraulic module similar in size to a boiler that can house the hydraulic components to connect the heat pump to the heating and cooling system. Ready to be combined with the EDGE EVO 2.0 and Edge F range of packaged heat pumps from size 2.1 to 8.1, for a high-level heating and cooling system.









1. 15 liter system inertial storage tank
2. 12-litre system expansion tank
3. Magnetic dirt separator filter
4. 3-way valve for DHW













configurations

Hybrid version in combination with Clivet FE boiler

internal accessories

	EH246X	Additional electric heater adjustable to three capacities of 2, 4 or 6 kW
	EH9X	Additional electric heater adjustable to one capacity of 9 kW
	KIR2HX	Hydraulic kit for managing two areas with the same temperature
	KIR2HLX	Hydraulic kit for managing two areas with high and mixed temperature
	KCSIX	Kit for hydraulic separation between primary and secondary circuit with pump on secondary circuit
	SICGX	Intermediate exchanger for clean separation between primary and secondary circuit

external accessories

	ACS200X	200 liter DHW tank		T1BX	Water temperature probe 10 m
	ACS300X	300 liter DHW tank		T1B30X	Water temperature probe 30 m
	ACS500X	500 liter DHW tank		VDACSX	Thermostatic switching valve ACS
	SCS08X	Solar coil for boilers ACS ACS200X/ACS300X		KISX	Simplified installation kit with fittings for SPHERA EVO 2.0 Box Hybrid
	SCS12X	Solar coil for boiler ACS ACS500X		HTC2WX	Chronothermostat HID-TConnect22 for temperature control, white
	ACI40X	System inertial tank 40 litres		SWCX	Receiver / switch IoT SwitchConnect

technical data - EASYBox + Edge EVO 2.0

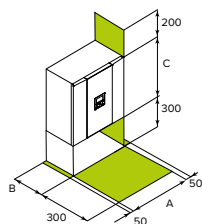
Size - Set				2.1	3.1	4.1	5.1	6.1	7.1	8.1	
Heating	Capacity	Water 35/30°C	Nominal / Maximum	kW	4,20 / 5,33	6,35 / 7,41	8,40 / 9,11	10,0 / 10,3	12,1 / 14,6	14,5 / 15,5	15,9 / 16,8
	COP	Outdoor air 7°C	Nominal	-	5,10	4,95	5,15	4,95	4,95	4,60	4,50
	Capacity	Water 35/30°C	Nominal / Maximum	kW	4,70 / 4,99	6,00 / 6,21	7,00 / 7,27	8,00 / 8,31	10,0 / 11,0	12,0 / 12,7	13,1 / 13,9
	COP	Outdoor air -7°C	Nominal	-	3,10	3,00	3,20	3,05	3,00	2,85	2,70
	Capacity	Water 45/40°C	Nominal / Maximum	kW	4,30 / 5,96	6,30 / 7,13	8,10 / 8,98	10,0 / 10,3	12,3 / 14,5	14,1 / 15,7	16,0 / 16,6
	COP	Outdoor air 7°C	Nominal	-	3,80	3,70	3,85	3,75	3,70	3,60	3,50
Cooling	Capacity	Water 18/23°C	Nominal / Maximum	kW	4,50 / 7,65	6,50 / 7,65	8,30 / 11,1	9,90 / 12,0	12,0 / 15,0	13,5 / 15,3	14,2 / 16,4
	EER	Outdoor air 35°C	Nominal	-	5,50	4,80	5,05	4,55	3,95	3,61	3,61
	Capacity	Water 7/12°C	Nominal / Maximum	kW	4,70 / 6,14	7,00 / 7,11	7,45 / 7,94	8,20 / 8,67	11,5 / 11,5	12,4 / 12,4	14,0 / 14,0
	EER	Outdoor air 35°C	Nominal	-	3,45	3,00	3,35	3,25	2,75	2,50	2,50
Electrical power for meter sizing				kW	2,30	2,70	3,40	3,70	5,50	5,80	6,20
Seasonal efficiency Medium climate	Energy class			-	A++	A++	A++	A++	A++	A++	A++
	Heating	Water 55°C	Annual energy consumption	-	2.749	3.348	4.064	4.541	6.916	6.917	7.213
			SCOP	-	3,31	3,52	3,37	3,47	3,45	3,47	3,41
	ηs (seasonal output)			%	129	138	131	137	135	135	133
	Energy class			-	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Heating	Water 35°C	Annual energy consumption	-	2.354	2.849	3.223	3.649	5.156	5.157	6.011
			SCOP	-	4,85	4,95	5,22	5,20	4,81	4,72	4,62
	ηs (seasonal output)			%	191	195	205	205	189	186	182
Size - Indoor unit				A							
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						
Size - Outdoor unit				2.1 3.1 4.1 5.1 6.1 7.1 8.1							
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	0,58	0,69	0,76
Pump available pressure		Outdoor air 7°C Nominal		kPa	85	84	80	71	60	48	40
Expansion tank capacity				l	4,8						
Minimum system water content				l	30						
Sound power		Minimum / Nominal		dB(A)	53 / 55	55 / 58	54 / 59	55 / 60	59 / 65	59 / 65	59 / 68
Sound pressure @1m		Minimum / Nominal		dB(A)	39 / 41	41 / 44	40 / 45	40 / 46	44 / 50	44 / 50	44 / 53
Expansion tank capacity				l	4,8						
Operating range											
Water supply temperature	Heating / DHW	Full electric		Minimum / Maximum	°C						25 / 65
		Hybrid		Minimum / Maximum	°C						25 / 75
Operating range (Outdoor air)	Cooling	-		Minimum / Maximum	°C						5 / 25
		Heating	-		Minimum / Maximum	°C					
DHW	-		Minimum / Maximum	°C						-25 / 43	
	Cooling	-		Minimum / Maximum	°C						-5 / 43

dimensions and connections

Size				2.1	3.1	4.1	5.1	6.1	7.1	8.1	
Dimensions	Indoor unit	AxCxB	mm	547x604x386							
	Outdoor unit	AxCxB	mm	1.295x717x400		1.385x864x445					
Operating weight	Indoor unit		kg	53							
	Outdoor unit		kg	86		105				129	
Refrigerant precharge			type / GWP	R-32 / 675							
			kg			1,40				1,75	
			CO ₂ tons			0,95				1,18	
External diameters	Indoor unit	Water (System)	inch	1"							
	Outdoor unit	Water (System)	inch	1"						1" 1/4	

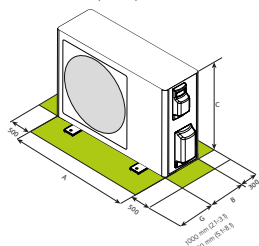
HQCN-NEE 1 BC

Indoor unit (IDU)



WiSAN-YME 1 S

Outdoor unit (ODU)



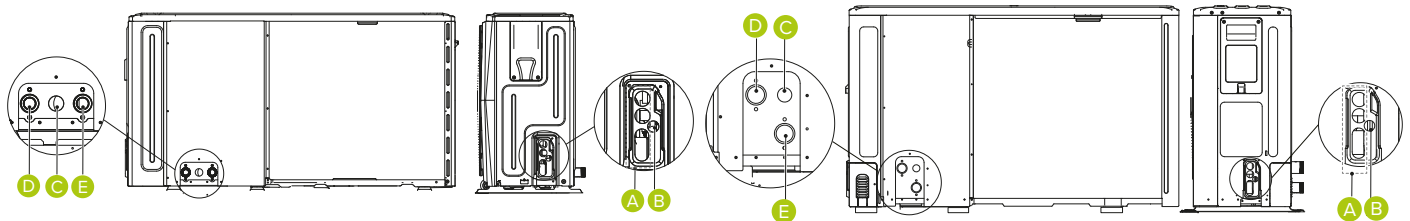
For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

Size - Set				6.1	7.1	8.1
Heating	Capacity	Water 35/30°C	Nominal / Maximum kW	12,1 / 14,6	14,5 / 15,5	15,9 / 16,8
	COP	Outdoor air 7°C	Nominal	4,95	4,60	4,50
	Capacity	Water 35/30°C	Nominal / Maximum kW	10,0 / 11,0	12,0 / 12,7	13,1 / 13,9
	COP	Outdoor air -7°C	Nominal	3,00	2,85	2,70
	Capacity	Water 45/40°C	Nominal / Maximum kW	12,3 / 14,5	14,1 / 15,7	16,0 / 16,6
	COP	Outdoor air 7°C	Nominal	3,70	3,60	3,50
Cooling	Capacity	Water 18/23°C	Nominal / Maximum kW	12,0 / 15,0	13,5 / 15,3	14,2 / 16,4
	EER	Outdoor air 35°C	Nominal	3,95	3,61	3,61
	Capacity	Water 7/12°C	Nominal / Maximum kW	11,5 / 11,5	12,4 / 12,4	14,0 / 14,0
	EER	Outdoor air 35°C	Nominal	2,75	2,50	2,50
Electrical power for meter sizing			kW	5,50	5,80	6,20
Seasonal efficiency Medium climate	Heating		Energy class	-	A++	A++
	Water 55°C		Annual energy consumption	-	6.916	6.917
			SCOP	-	3,45	3,47
			ηs (seasonal output)	%	135	135
	Cooling		Energy class	-	A+++	A+++
	Water 35°C		Annual energy consumption	-	5.156	5.157
			SCOP	-	4,81	4,72
			ηs (seasonal output)	%	189	186
Size - Indoor unit				A		
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	
Size - Outdoor unit				6.1	7.1	8.1
Power supply		Voltage/Frequency/Phases		V/Hz/n°	380-415/50/3+N	
Water flow-rate		Water 35/30°C	Nominal	l/s	0,58	0,69
Pump available pressure		Outdoor air 7°C	Nominal	kPa	60	48
Expansion tank capacity				l	4,8	
Minimum system water content				l	70	
Sound power		Minimum / Nominal		dB(A)	59 / 65	59 / 68
Sound pressure @1m		Minimum / Nominal		dB(A)	44 / 50	44 / 53
Operating range						
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	-	Minimum / Maximum °C	-25 / 35		
	DHW	-	Minimum / Maximum °C	-25 / 43		
	Cooling	-	Minimum / Maximum °C	-5 / 43		

Size				6.1	7.1	8.1
Dimensions	Indoor unit	AxCxB	mm	547x604x386		
	Outdoor unit	AxCxB	mm	1.385x864x445		
Operating weight	Indoor unit			53		
	Outdoor unit			129		
Refrigerant precharge			type / GWP	R-32 / 675		
			kg	1,75		
			CO ₂ tons	1,18		
External diameters	Indoor unit	Water (System)	inch	1"		
	Outdoor unit	Water (System)	inch	1" 1/4		

SIZES 2.1 to 3.1

SIZES 4.1 to 8.1



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 - EASYBox + Edge F

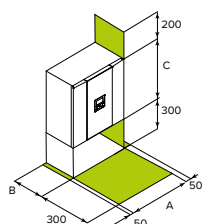
Size - Set				2.1	3.1	4.1	5.1	6.1	7.1	8.1		
Heating	Capacity	Water 35/30°C	Nominal / Maximum	kW	4,50 / 6,86	6,20 / 7,70	8,40 / 10,4	10,0 / 11,0	12,0 / 14,7	14,0 / 16,0	15,0 / 17,6	
	COP	Outdoor air 7°C	Nominal	-	5,15	4,90	5,00	4,70	4,80	4,50	4,40	
	Capacity	Water 35/30°C	Nominal / Maximum	kW	4,50 / 5,56	5,90 / 6,18	7,00 / 8,74	8,00 / 8,89	10,0 / 11,1	11,0 / 12,1	11,5 / 13,2	
	COP	Outdoor air -7°C	Nominal	-	3,10	2,95	3,00	2,85	2,80	2,75	2,70	
Cooling	Capacity	Water 45/40°C	Nominal / Maximum	kW	4,50 / 6,55	6,40 / 7,35	8,20 / 9,57	10,0 / 10,5	12,0 / 14,1	14,0 / 15,3	15,0 / 16,9	
	COP	Outdoor air 7°C	Nominal	-	4,05	3,80	3,85	3,65	3,70	3,50	3,35	
	Capacity	Water 18/23°C	Nominal / Maximum	kW	4,90 / 7,84	5,90 / 9,75	6,80 / 11,4	7,80 / 12,13	12,0 / 16,4	13,0 / 17,3	14,4 / 18,6	
	EER	Outdoor air 35°C	Nominal	-	5,50	5,10	5,15	4,75	4,50	4,20	3,90	
Electrical power for meter sizing	Capacity	Water 7/12°C	Nominal / Maximum	kW	4,70 / 5,66	6,80 / 7,14	7,50 / 8,19	8,76 / 8,76	11,5 / 12,0	12,7 / 12,7	14,0 / 14,3	
	EER	Outdoor air 35°C	Nominal	-	3,65	3,10	3,45	3,01	3,05	2,90	2,75	
				kW	2,70	3,00	3,60	3,90	5,70	6,00	6,40	
Seasonal efficiency Medium climate	Energy class			-	A++	A++	A++	A++	A++	A++	A++	
	Heating Water 55°C	Annual energy consumption			-	2.684	3.164	3.676	4.215	6.847	7.414	8.349
		SCOP			-	3,79	3,81	3,81	3,82	3,62	3,62	3,57
	ηs (seasonal output)			%	148	150	150	150	142	142	140	
	Energy class			-	A+++	A+++	A+++	A+++	A+++	A+++	A+++	
	Heating Water 35°C	Annual energy consumption			-	2.040	2.692	3.187	3.734	5.376	6.091	6.630
		SCOP			-	5,09	4,91	5,20	5,07	4,68	4,64	4,59
	ηs (seasonal output)			%	201	194	205	200	184	182	181	
Size - Indoor unit				TO				B				
Power supply	Voltage/Frequency/Phases			V/Hz/n°	230/50/1							
Expansion tank capacity				l	12							
Sound power	Nominal			dB(A)	41							
Sound pressure @1m	Nominal			dB(A)	26							
Size - Outdoor unit				2.1				3.1				
Power supply	Voltage/Frequency/Phases			V/Hz/n°	230/50/1							
Water flow-rate	Water 35/30°C			Nominal	l/s	0,21	0,30	0,40	0,48	0,57	0,67	
Pump available pressure	Outdoor air 7°C			Nominal	kPa	89	87	80	71	63	54	
Expansion tank capacity				l	8							
Minimum system water content				l	30				70			
Sound power	Minimum / Nominal			dB(A)	51 / 56	53 / 58	55 / 60	56 / 61	58 / 65	59 / 65	60 / 69	
Sound pressure @1m	Minimum / Nominal			dB(A)	40 / 44	42 / 46	42 / 48	43 / 49	43 / 51	44 / 52	48 / 56	
Operating range												
Water supply temperature	Heating / DHW	Full electric	Minimum / Maximum	°C	25 / 75							
		Hybrid	Minimum / Maximum	°C	25 / 75							
Operating range (Outdoor air)	Cooling	-	Minimum / Maximum	°C	5 / 25							
		Heating	Minimum / Maximum	°C	-25 / 35							
range	DHW	-	Minimum / Maximum	°C	-25 / 43							
		Cooling	Minimum / Maximum	°C	-5 / 43							

dimensions and connections

Size				2.1	3.1	4.1	5.1	6.1	7.1	8.1	
Dimensions	Indoor unit	AxCxB	mm	547x604x386							
	Outdoor unit	AxCxB	mm	1.295x718x371				1.385x865x423			
Operating weight	Indoor unit		kg	52							
	Outdoor unit		kg	90		117		135			
Refrigerant precharge	type / GWP			R-290 / 3							
	kg			0,70		1,10		1,25			
	CO ₂ tons			0,002		0,003		0,004			
External diameters	Indoor unit	Water (System)	inch	1"							
	Outdoor unit	Water (System)	inch	1"		1"		1" 1/4			

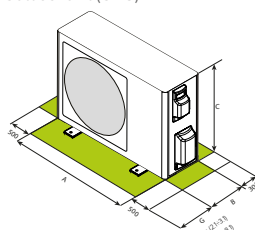
HQCN-NEE 1 BC

Indoor unit (IDU)



WiSAN-PME 1 S

Outdoor unit (ODU)



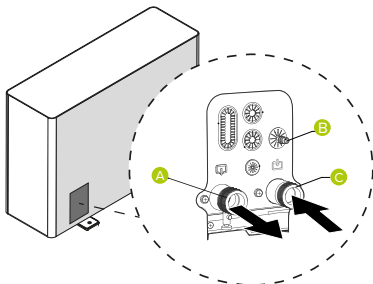
G = 1000 mm (2.1-3.1) / 1500 mm (5.1-8.1)

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

Size - Set				6.1	7.1	8.1	
Heating	Capacity	Water 35/30°C	Nominal / Maximum	kW	12,0 / 14,7	14,0 / 16,0	15,0 / 17,6
	COP	Outdoor air 7°C	Nominal	-	4,80	4,50	4,40
	Capacity	Water 35/30°C	Nominal / Maximum	kW	10,0 / 11,1	11,5 / 12,1	12,7 / 13,2
	COP	Outdoor air -7°C	Nominal	-	2,80	2,70	2,50
	Capacity	Water 45/40°C	Nominal / Maximum	kW	12,0 / 14,1	14,0 / 15,3	15,0 / 16,9
	COP	Outdoor air 7°C	Nominal	-	3,70	3,50	3,35
Cooling	Capacity	Water 18/23°C	Nominal / Maximum	kW	12,0 / 16,4	13,0 / 17,3	14,4 / 18,6
	EER	Outdoor air 35°C	Nominal	-	4,50	4,20	3,90
	Capacity	Water 7/12°C	Nominal / Maximum	kW	11,5 / 12,0	12,7 / 12,7	14,0 / 14,3
	EER	Outdoor air 35°C	Nominal	-	3,05	2,90	2,75
Electrical power for meter sizing				kW	5,70	6,00	6,40
Seasonal efficiency Medium climate	Energy class		-	A++	A++	A++	
	Heating Water 55°C	Annual energy consumption		-	6.847	7.414	8.349
		SCOP		-	3,62	3,62	3,57
	ηs (seasonal output)		%	142	142	140	
	Energy class		-	A+++	A+++	A+++	
	Heating Water 35°C	Annual energy consumption		-	5.376	6.091	6.630
		SCOP		-	4,68	4,64	4,59
	ηs (seasonal output)		%	184,0	182,4	180,6	
Size - Indoor unit				TO			
Power supply		Voltage/Frequency/Phases		V/Hz/n°			
Expansion tank capacity				l			
Sound power		Nominal		dB(A)			
Sound pressure @1m		Nominal		dB(A)			
Size - Outdoor unit				6.1			
Power supply		Voltage/Frequency/Phases		V/Hz/n°			
Water flow-rate		Water 35/30°C Nominal		l/s			
Pump available pressure		Outdoor air 7°C Nominal		kPa			
Expansion tank capacity				l			
Minimum system water content				400/50/3+N			
Sound power		Minimum / Nominal		dB(A)			
Sound pressure @1m		Minimum / Nominal		dB(A)			
Operating range							
Water supply temperature	Heating / DHW	Full electric		Minimum / Maximum °C			
		Hybrid		Minimum / Maximum °C			
Operating range (Outdoor air)	Cooling	-		Minimum / Maximum °C			
		-		Minimum / Maximum °C			
Operating range (Outdoor air)	DHW	-		Minimum / Maximum °C			
		-		Minimum / Maximum °C			
Operating range (Outdoor air)	Cooling	-		Minimum / Maximum °C			
		-		Minimum / Maximum °C			

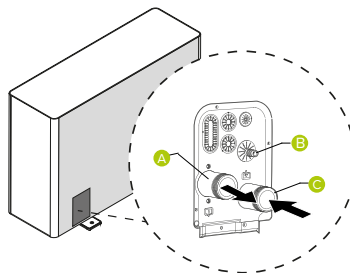
Size				6.1	7.1	8.1
Dimensions	Indoor unit	AxCxB	mm	547x604x386		
	Outdoor unit	AxCxB	mm	1.385x865x423		
Operating weight	Indoor unit		kg	52		
	Outdoor unit		kg	135		
Refrigerant precharge ¹			type / GWP	R-290 / 3		
			kg	1,25		
			CO2 tons	0,004		
External dia- meters	Indoor unit	Water (System)	inch	1"		
	Outdoor unit	Water (System)	inch	1" 1/4		

SIZES 2.1 to 3.1



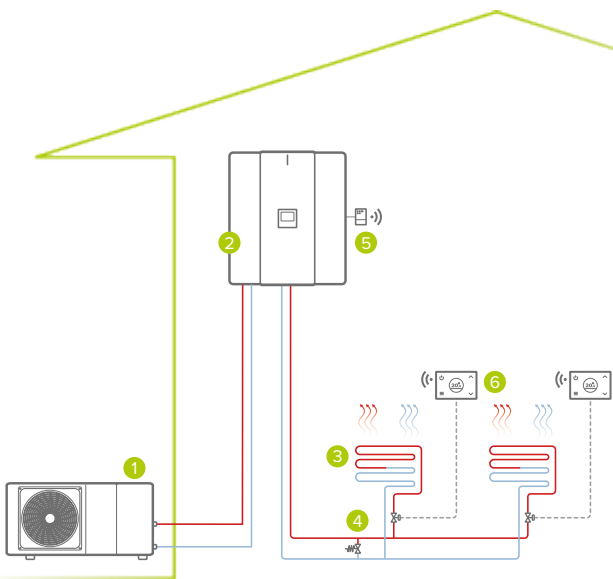
- A. 1" system supply
- B. Pressure relief valve Ø 16mm
- C. 1" system return

SIZES 4.1 to 8.1



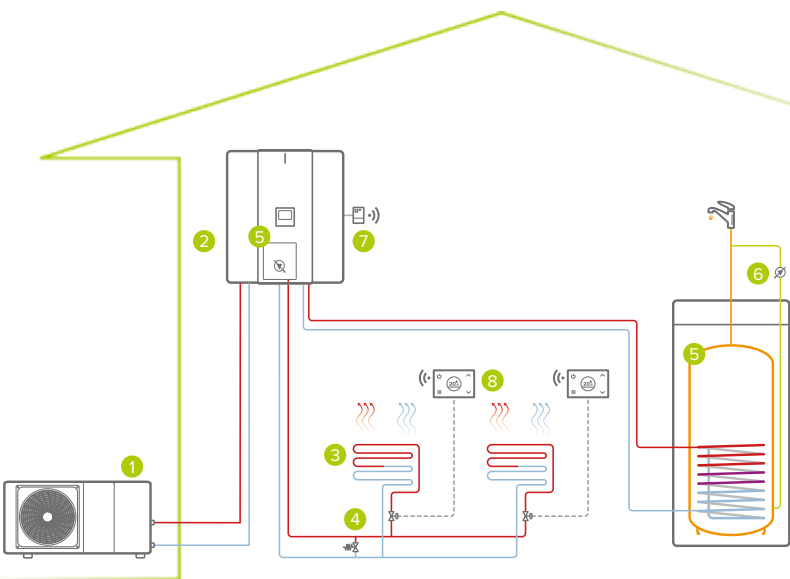
- A. 1 1/4" system supply
- B. Pressure relief valve Ø 16mm
- C. 1 1/4" system return

HEAT PUMPS



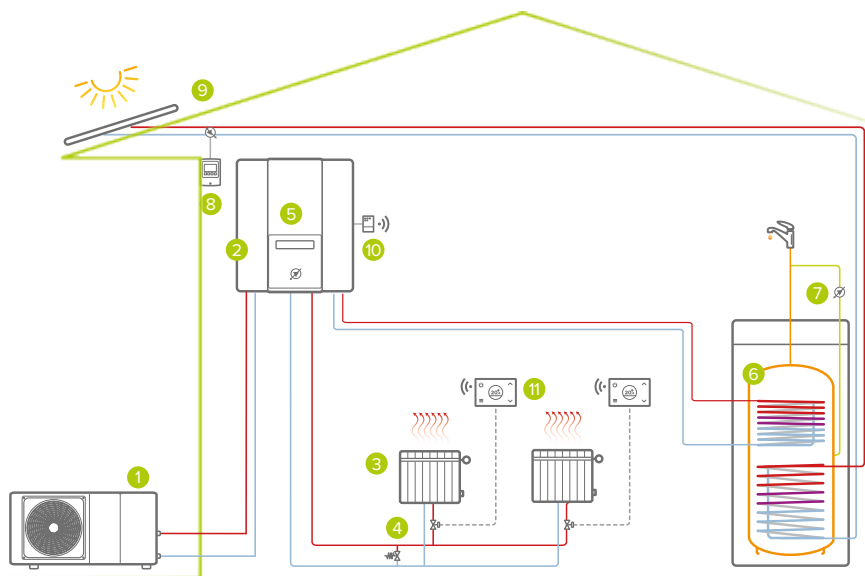
Single-zone system:
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating system
- 4 bypass*
- 5 SwitchConnect Wi-Fi receiver
- 6 Wi-Fi chronothermostat HID-TConnect2



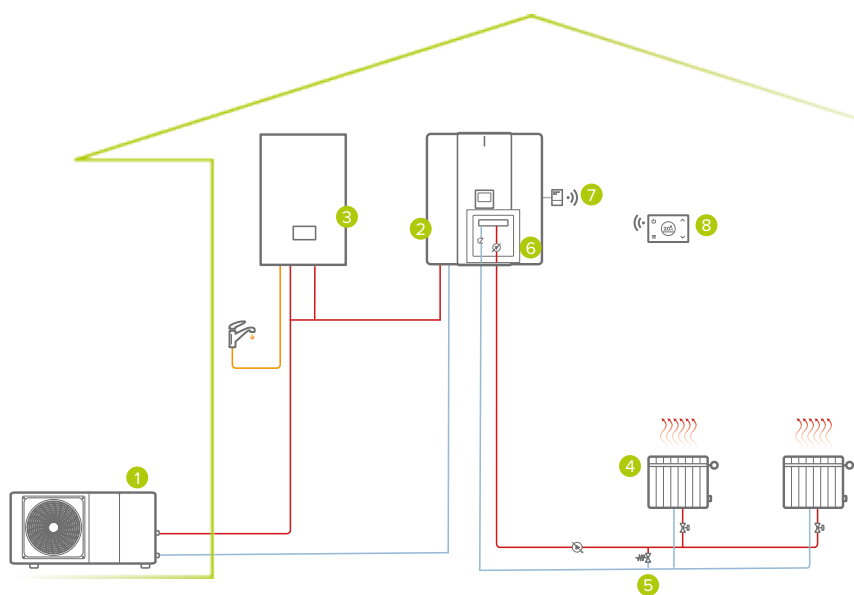
Single-area system + external DHW water tank:
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 mixed heating/cooling area
- 4 bypass*
- 5 Hydraulic separator kit + pump
- 6 DHW recirculation pump
- 7 SwitchConnect Wi-Fi receiver
- 8 Wi-Fi chronothermostat HID-TConnect2



Two-area system + water tank + solar:
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 heating system
- 4 bypass*
- 5 Hydraulic separator kit + secondary pump
- 6 DHW boiler
- 7 DHW recirculation pump
- 8 solar circulation kit
- 9 ELFOSun2 solar thermal
- 10 SwitchConnect Wi-Fi receiver
- 11 Wi-Fi chronothermostat HID-TConnect2



Single-area system + instantaneous boiler:
Heating / DHW

- 1 outdoor unit
- 2 indoor unit
- 3 instantaneous boiler
- 4 heating area
- 5 bypass
- 6 single-area kit
- 7 SwitchConnect Wi-Fi receiver
- 8 Wi-Fi chronothermostat HID-TConnect2