

Air-to-water heat pumps
Output: 24 - 105 kW



AEROTOP® EVO (PLUS) AEROTOP® L

Heat pumps for commercial solutions



Versatile - Multifunctional - Efficient - Scalable

The AEROTOP® EVO (PLUS) and AEROTOP® L range of heat pumps uses the ambient air as an energy source, providing a sustainable solution within a heating system, highlighted by their A++ and A+++ energy class. These models are reversible and the heat pumps have many other advantages in commercial applications.



Versatile Range

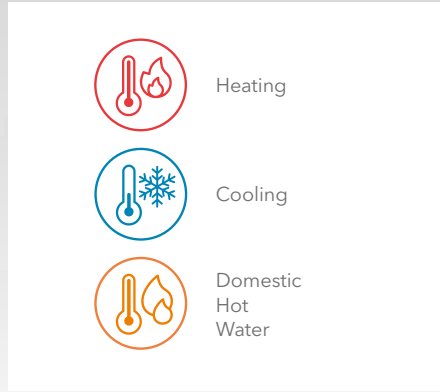
Optimal solution for every application:

- wide capacity range of 22 models from 24 kW to 105 kW
- 9 models of AEROTOP® EVO
- 8 models of AEROTOP® EVO PLUS
- 5 models of AEROTOP® L



High Energy Rating & Cost Efficiency

- A++ to A+++ Rating
- AEROTOP® EVO PLUS: SCOP up to 4.54 (W35)
SEER up to 4.81 (W7)
- AEROTOP® L: SCOP up to 4.08 (W35)
SEER up to 4.64 (W7)



Multifunctional System

One machine for all: Heating - Cooling - Domestic Hot Water

- Space saving: One system instead of 3
- Lower investment and maintenance costs for one device vs. multiple devices



Intelligent & Efficient Performance

Full inverter technology: Optimised input for an optimum output

- Smart interacting modules optimise energy input and heating/cooling output
- High-performance compressors, primary inverter pump, fully modulating inverter fan



Cascading for Scalable Expansion

- Scalable system with up to 16 units meets growing heating and cooling demands
- Up to 1.68 MW!

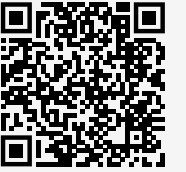


Hybrid System Flexibility

- Perfect fit for stand-alone or hybrid installation in decarbonisation and modernisation projects
- Converts existing gas boiler systems into a more sustainable solutions

Functionality meets sustainability

The AEROTOP® heat pumps offer a complete solution for various heating and cooling needs. In all operating modes, wide operation ranges are guaranteed both in terms of outdoor air temperature and supply water temperature. Compressor and heat exchangers are sized to guarantee the best performances.



Scan for product videos and case study videos.



Heating, Cooling and DHW

Heating

In heating mode, the AEROTOP® L heat pumps can generate water temperatures up to a maximum of 55°C, at an outside temperature anywhere between -4°C and +30°C. Similarly, the AEROTOP® EVO (PLUS) heat pumps can generate water temperatures up to a maximum of 60°C, at the same outside temperature range. Reduced water temperature will be generated, if operating beyond the aforementioned outside temperature parameters (see Planner Manuals for full Heating Envelope).

Cooling

In cooling mode, the heat pumps can generate chilled water to a minimum temperature of 5°C, at an outside temperature anywhere between -10°C and +48°C. ELCO Heating Solutions recommends the addition of glycol when the water temperature is between 0°C and 5°C (see Planner Manuals for full Cooling Envelope).

Domestic Hot Water (DHW)

The heat pumps are capable of producing domestic hot water up to 55°C or 60°C, respectively.

Silent Mode

The construction of the AEROTOP® heat pumps, beyond increasing the efficiency of the unit, minimises the sound level making it particularly quiet. In addition, all models feature 'Silent' and 'Super Silent' modes, while anti-vibration kits are supplied as standard.

ECO Mode

The ECO mode was developed to achieve maximum energy savings while maintaining acceptable comfort conditions. With this function it is possible to define, during daily operation, a period in which it is necessary to maintain maximum comfort conditions (for example working hours in the office) and one in which energy saving is preferred (for example the night hours).

Modbus Connectivity

Perfect integration with Building Management Systems through the Modbus Communication Protocol.

Smart Monitoring & Communication

Heat metering allows an optimal allocation of energy consumption and heating costs according to actual usage.

All-in-One Solution

The commercial heat pumps are equipped with many extras included, for example, the inverter pump, the vibration dampers and a water filter. With the AEROTOP® EVO PLUS and AEROTOP® L, the evaporator is also equipped with an anti-corrosion coating.

Reduced planning and organisational efforts are required, as everything is provided from a single source and included in the package.

Innovative Capacity Control

The AEROTOP® commercial heat pumps represent a new level in energy efficiency for cooling systems and heat pumps in their category. Depending on the energy demand, the reversible system precisely adjusts the rotation frequency of the compressor.

This ensures:

- Longer running times and lower number of start/stop operations
- Heating temperatures are reached in less time than in systems without inverter
- Lower temperature fluctuations during operation

Sustainable and efficient system solutions for sustainable commercial applications

Tested systems

As a provider of heating systems, ELCO not only focuses on efficient and sustainable products, but also ensuring seamless interaction between the various components of a heating system. In ELCO's 350m² System Laboratory, extensive testing is carried out to ensure the products and systems developed meet the highest standards and requirements.

THISION® L PLUS and TRIGON® L PLUS

Flexible floor standing gas-condensing boiler

- Up to 200 kW per boiler, up to 1.6 MW in cascade
- Unique design with two heat exchangers
- Pump and check valve already integrated
- Robust and durable stainless steel heat exchanger
- High modulation range of up to 1:10
- Modular solutions with integrated plate heat exchanger and hydraulic separator
- Wall mounted solution available with THISION® L PLUS



TRIGON® XL

Ideal for challenging environments

- Comprehensive control functions with integrated master-slave cascading
- Compact dimensions
- Lightweight construction
- Wide range of applications thanks to maximum water pressure of 8 bar



TRIGON® XXL

High performance at low emissions

- Up to 2 MW output per boiler
- Can be dismantled into individual parts thanks to modular design
- Low water content enables roof installations
- Lowest NOx and CO emissions thanks to unique heat exchanger geometry and water-cooled burner with cold flame



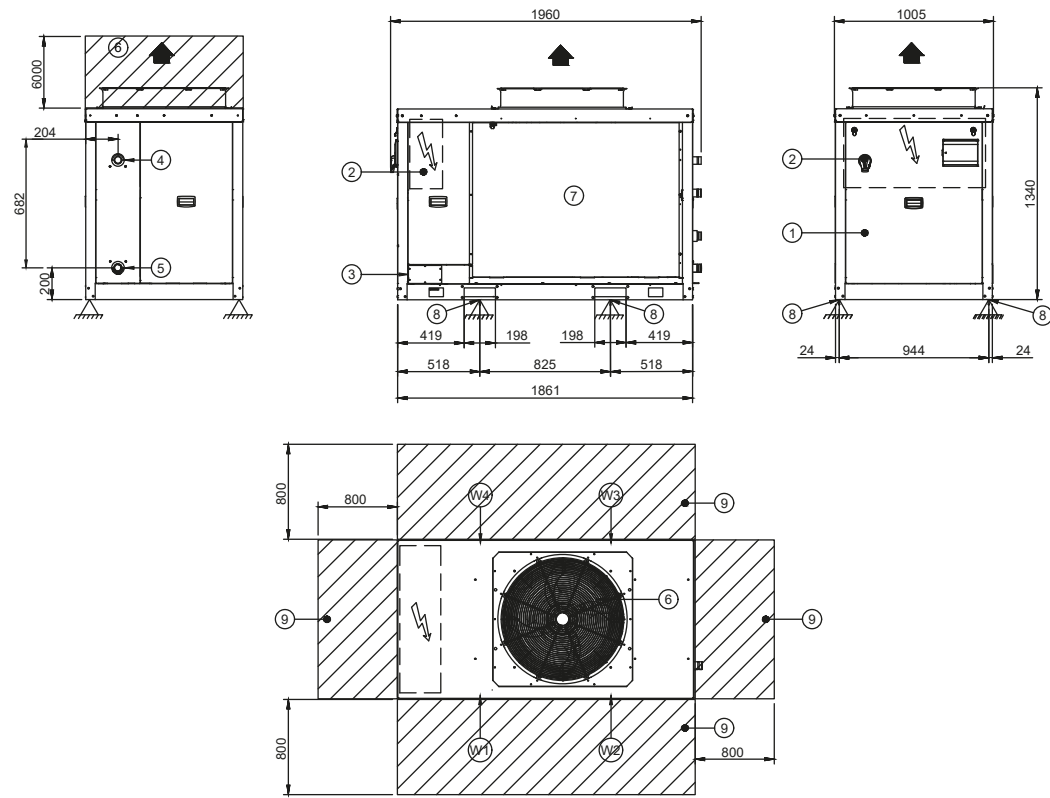
AEROTOP® EVO (PLUS) & AEROTOP® L

System and sustainability

The commercial AEROTOP® heat pumps can be combined with the highly efficient gas condensing boilers for hybrid systems. This creates the best possible hybrid solution for highly efficient heating, cooling and domestic hot water production.



Dimensions - AEROTOP® EVO (PLUS) 24 - 27 - 32

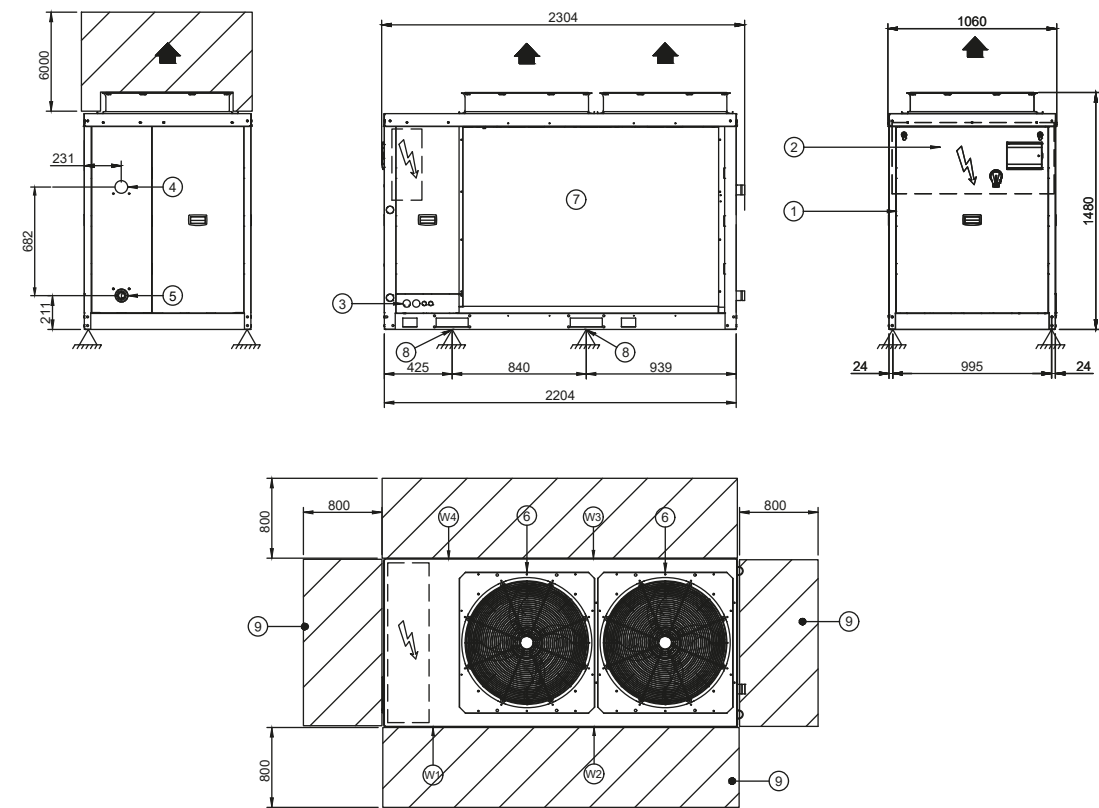


1. Compressor compartment
2. Electrical panel
3. Power input
4. Inlet water connection 1½"
5. Outlet water connection 1½"
6. Electric fan
7. External exchanger
8. Unit fixing holes
9. Clearances

AEROTOP® EVO (PLUS)		24 - 27 - 32
Size		
Length	mm	1861
Depth	mm	1005
Height	mm	1340
Operational weight	kg	298

The numbers in the table may vary depending on certain accessories.

Dimensions - AEROTOP® EVO (PLUS) 48 - 54 - 65

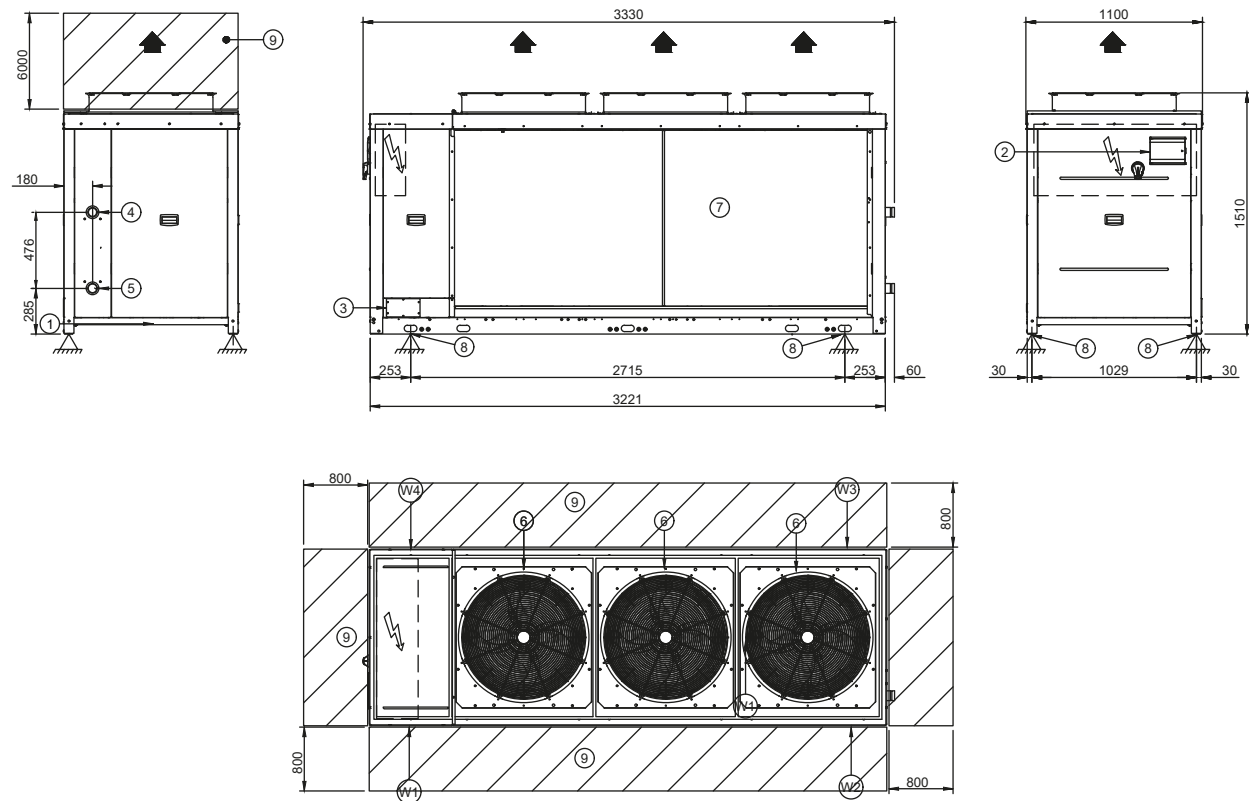


1. Compressor compartment
2. Electrical panel
3. Power input
4. Inlet water connection 1½"
5. Outlet water connection 1½"
6. Electric fan
7. External exchanger
8. Unit fixing holes
9. Clearances

AEROTOP® EVO (PLUS)		48 - 54 - 65
Size		
Length	mm	2204
Depth	mm	1060
Height	mm	1480
Operational weight	kg	551

The numbers in the table may vary depending on certain accessories.

Dimensions - AEROTOP® EVO (PLUS) 79 - 88 - 105*



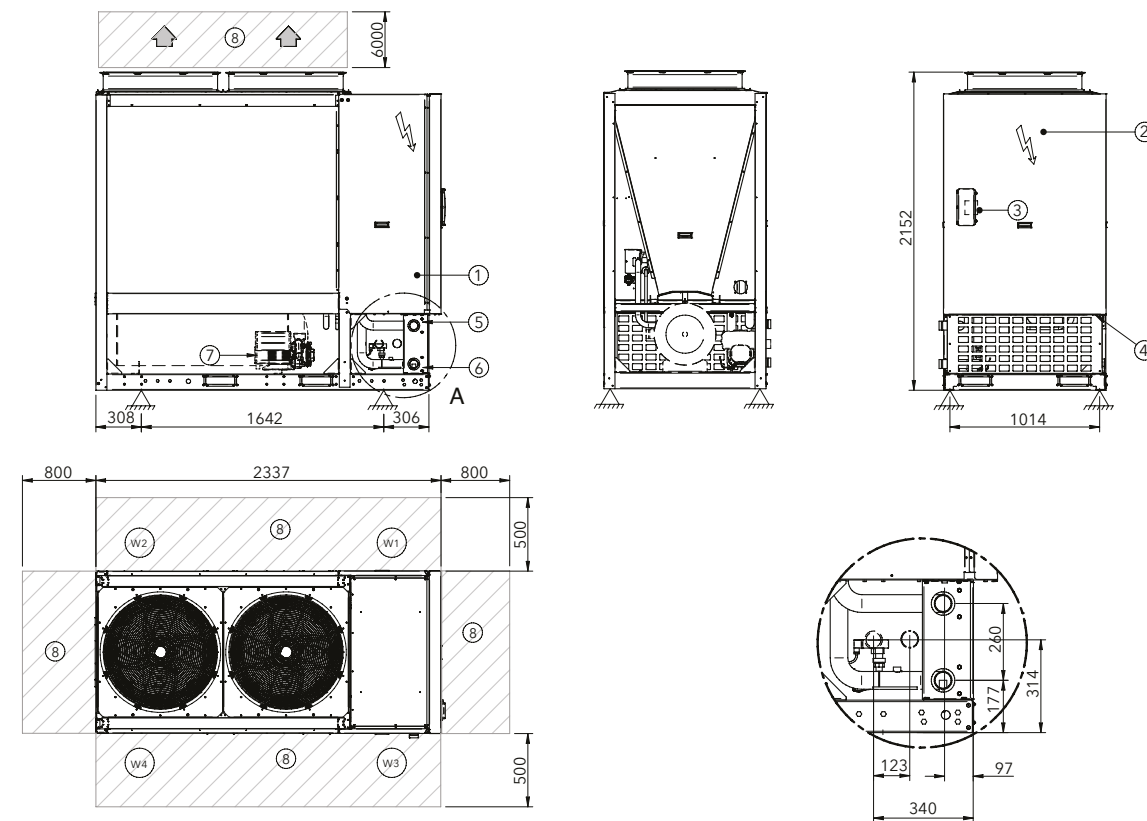
1. Compressor compartment
2. Electrical panel
3. Power input
4. Inlet water connection 1½"
5. Outlet water connection 1½"
6. Electric fan
7. External exchanger
8. Unit fixing holes
9. Clearances

AEROTOP® EVO (PLUS)		79 - 88 - 105*
Size		
Length	mm	3221
Depth	mm	1100
Height	mm	1510
Operational weight	kg	830

The numbers in the table may vary depending on certain accessories.

* 105 kW for AEROTOP® EVO only.

Dimensions - AEROTOP® L 54 - 61



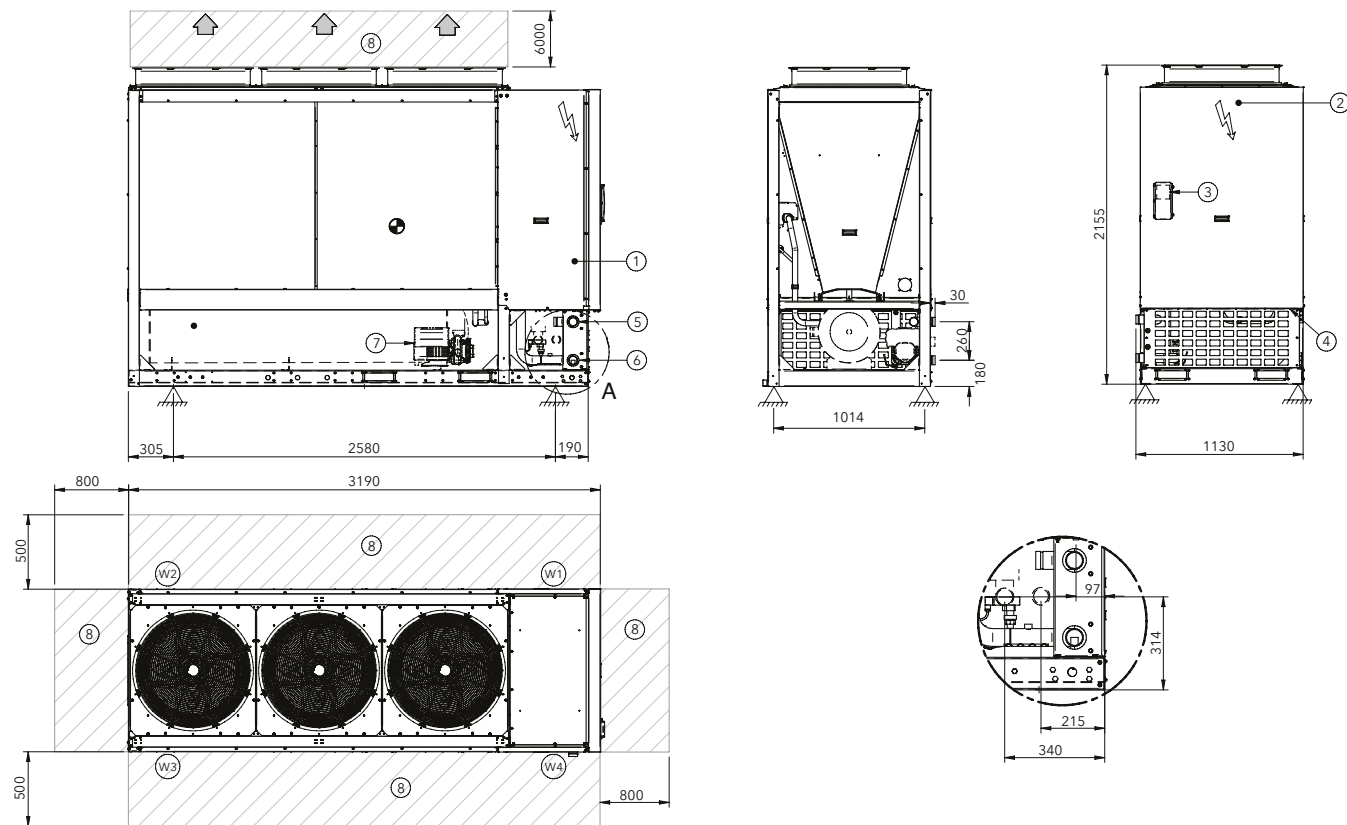
1. Compressor compartment
2. Electrical panel
3. Control keypad
4. Power input
5. Inlet water connection 2"
6. Outlet water connection 2"
7. Pump
8. Clearances

The AEROTOP® L cascade systems have 4" connections for the flow and return manifolds.

AEROTOP® L		54	61
Size			
Length	mm	2337	2337
Depth	mm	1130	1130
Height	mm	2152	2152
Operational weight	kg	580	580
Transport weight	kg	655	655

The numbers in the table may vary depending on certain accessories.

Dimensions - AEROTOP® L 65 - 79 - 88



1. Compressor compartment
2. Electrical panel
3. Control keypad
4. Power input
5. Inlet water connection 2"
6. Outlet water connection 2"
7. Pump
8. Clearances

The AEROTOP® L cascade systems have 4" connections for the flow and return manifolds.

AEROTOP® L		65	79	88
Size				
Length	mm	3190	3190	3190
Depth	mm	1130	1130	1130
Height	mm	2155	2155	2155
Operational weight	kg	780	780	780
Transport weight	kg	860	860	860

The numbers in the table may vary depending on certain accessories.

Technical data - AEROTOP® L

		AEROTOP® L									
		54		61		65		79		88	
Technical data											
Heating & DHW production	Description	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP
	A 7/W35	54.40	4.07	66.70	3.90	79.30	3.96	85.90	3.98	93.70	3.98
	A 7/W50	54.80	3.01	64.20	2.89	78.80	2.90	84.70	2.84	92.60	2.77
	A 2/W35	50.40	3.65	59.40	3.57	70.70	3.55	76.80	3.54	83.70	3.46
	A 2/W50	48.30	2.74	57.00	2.67	70.80	2.64	76.40	2.58	83.50	2.52
	A-4/W35	43.00	3.23	51.60	3.26	60.30	3.07	65.80	3.07	71.70	3.01
	A-4/W50	41.00	2.46	49.00	2.45	61.40	2.31	66.40	2.27	72.70	2.22
	A-7/W35	39.4	2.99	47.9	3.05	55.2	2.8	60.4	2.8	65.9	2.75
	A-7/W50	37.4	2.3	45.1	2.3	56.8	2.1	61.6	2.09	67.5	2.05
	A18/W50	69.7	3.6	80.9	3.36	96.7	3.4	105.0	3.39	114.0	3.28
	SCOP - W35	4.04		4.03		4.08		4.07		4.06	
	Power input (kW)*	13.37		17.10		20.03		21.58		23.54	
Cooling	Description	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER
	A35/W18	73.8	4	81.5	3.7	98.2	4.15	108	4.02	117	3.83
	A35/W7	53.1	2.95	58.8	2.9	72.4	3.15	78.4	3.1	85.3	2.91
	SEER	4.57		4.51		4.64		4.62		4.5	
	Power Input (kW)**	18.45		22.03		23.66		26.87		30.55	
Other Information	Start Current (A)	46		46		60.2		60.2		60.2	
	Run Current Maximum (A)	38.5		38.5		59.7		59.7		59.7	
	Type of compressor	Rotary inverter					Scroll inverter				
	Sound pressure level dB (A) standard mode (1)	64		65		62		65		67	
	Sound pressure level dB (A) silence mode (1)	56		56		58		58		58	
	Sound pressure level dB (A) super silence mode (1)	52		53		53		53		53	
	Sound power level dB(A) standard mode (1)	82		82		81		84		85	
	Sound power level dB(A) silenced mode (1)	74		74		76		76		76	
	Sound power level dB(A) super silenced mode (1)	70		71		71		71		73	
	Recommended Primary Buffer Capacity (l)	1000		1000		1500		1500		1500	
	Minimum flow rate (l/s)	1.9		1.9		2.9		2.9		2.9	
	Nominal flow rate (l/s)	2.6		2.9		3.1		3.8		4.2	
	Maximum flow rate (l/s)	6.4		6.4		6.4		6.4		6.4	
	Maximum head at nominal flow rate (kPa)	113		96		145		109		103	
	Standard Air flow rate (m³/h)	24800		24800		37200		37200		37200	
ErP Energy efficiency - W35	A++		A++		A++		A++		-		
Standard power supply (V/Ph/Hz)	400/3/50+N										

* Power input at A7/ W35°C
** Power input at A35/ W18°C

(1) The sound pressure level refers to a distance of 1 meter from the outer surface of the unit operating in open field. Noise levels are determined using the tensiometric method (UNI EN ISO 9614-2)

Technical data – AEROTOP® EVO

AEROTOP® EVO									
Technical data									
Heating & DHW production	Description	24		27		32		48	
		Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP
	A 7/W35	27.80	4.43	32.2	4.09	37.9	3.78	54.3	4.37
	A 7/W50	24.2	2.92	27.9	2.86	34.2	2.71	46.3	2.98
	A 2/W35	24	3.94	27.2	3.65	34.7	3.42	45.6	3.72
	A 2/W50	22.5	2.83	25.9	2.65	32.6	2.48	39.7	2.48
	A-4/W35	18.6	3.15	21.8	3.01	26.4	2.96	35.6	3.05
	A-4/W50	16.2	2.34	17.4	2.16	21.2	2.11	31.1	2.06
	A-7/W35	17.8	3.07	21.3	2.99	23.4	2.81	34.3	3.02
	A-7/W50	14.7	2.3	15.0	2.08	17.7	2.10	30.01	2.05
	A18/W50	32.6	3.9	38.5	3.57	44.9	3.37	56.4	3.5
	SCOP - W35	4.29		4.23		4.11		4.22	
Power input (kW)*	6.28		7.87		10.03		12.43		

Cooling	Description	24		27		32		48	
		Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER
	A35/W18	33.3	3.99	37.3	3.79	42.1	3.51	63.9	4.02
	A35/W7	25.3	3.06	27.7	2.78	32.3	2.79	45.8	3.0
	SEER	4.5		4.4		4.24		4.04	
Power Input (kW)**	8.35		9.84		11.99		15.90		

Other Information	Type of compressor	Rotary inverter			
	Sound pressure level dB (A) standard mode (1)	59	60	61	60
	Sound power level dB(A) standard mode (1)	75	76	77	77
	Sound pressure level dB(A) super-silenced mode (1)	56	57	57	57
	Sound power level dB(A) super-silenced mode (1)	72	73	73	73
	Recommended Primary Buffer Capacity (l)	200	200	200	400
	Minimum flow rate (l/s)	0.9	0.9	0.9	1.8
	Maximum flow rate (l/s)	2.6	2.6	2.6	5
	Standard Air flow rate (m³/h)	13500	13500	14760	27000
	ErP Energy efficiency - W35	A++	A++	A++	A++
Standard power supply (V/Ph/Hz)	400/3/50+N				

AEROTOP® EVO											
Technical data											
Heating & DHW production	Description	54		65		79		88		105	
		Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP
	A 7/W35	58.5	4.13	66.9	4.06	84.6	4.07	93.9	3.74	100	3.71
	A 7/W50	52.6	3.02	61.8	2.98	76.5	2.69	90.1	2.59	91.4	2.58
	A 2/W35	51.3	3.69	60.4	3.55	73.6	3.32	81.3	3.13	85.7	3.06
	A 2/W50	43.7	2.46	50.4	2.39	68.8	2.33	74.2	2.16	75.3	2.15
	A-4/W35	39.5	3.02	47.3	2.96	60.6	2.80	67.1	2.71	70.4	2.64
	A-4/W50	34.3	2.04	39.8	2	55.8	1.89	59.7	1.73	60.6	1.72
	A-7/W35	37.7	2.98	45.7	2.95	60.5	2.82	67.1	2.77	70.1	2.71
	A-7/W50	33.3	2.03	38.7	2.01	55.1	1.87	58.7	1.69	59.6	1.69
	A18/W50	64	3.54	74.9	3.48	94.7	3.26	107	3.04	109	3.02
	SCOP - W35	4.19		4.17		4.12		4.08		4.13	
Power input (kW)*	14.16		16.48		20.79		25.11		26.95		

Cooling	Description	54		65		79		88		105	
		Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER
	A35/W18	70.2	3.75	80.1	3.48	98.7	3.88	111	3.57	117	3.45
	A35/W7	52.2	2.92	60.8	2.80	74.4	2.95	86.4	2.78	94.5	2.68
	SEER	4.09		4.07		3.96		3.91		3.87	
Power Input (kW)**	18.72		23.02		25.44		31.09		33.91		

Other Information	Type of compressor	Rotary inverter			Scroll inverter		
	Sound pressure level dB (A) standard mode (1)	61	63	62	65	65	65
	Sound power level dB(A) standard mode (1)	78	80	80	83	83	83
	Sound pressure level dB(A) super-silenced mode (1)	57	57	58	59	60	60
	Sound power level dB(A) super-silenced mode (1)	73	74	76	77	78	78
	Recommended Primary Buffer Capacity (l)	400	400	650	650	650	650
	Minimum flow rate (l/s)	1.8	1.8	2.9	2.9	2.9	2.9
	Maximum flow rate (l/s)	5	5	6.4	6.4	6.4	6.4
	Standard Air flow rate (m³/h)	27000	29520	40500	40500	32400	32400
	ErP Energy efficiency - W35	A++	A++	A++	A++	A++	A++
Standard power supply (V/Ph/Hz)	400/3/50+N						

* Power input at A7/ W35°C (1) The sound pressure level refers to a distance of 1 meter from the outer surface of the unit operating in open field.
 ** Power input at A35/ W18°C Noise levels are determined using the tensiometric method (UNI EN ISO 9614-2)

* Power input at A7/ W35°C (1) The sound pressure level refers to a distance of 1 meter from the outer surface of the unit operating in open field.
 ** Power input at A35/ W18°C Noise levels are determined using the tensiometric method (UNI EN ISO 9614-2)

Technical data – AEROTOP® EVO PLUS

AEROTOP® EVO PLUS									
Technical data									
Heating & DHW production	Description	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP
	A 7/W35	26	4.55	30.4	4.42	36.8	4.33	54.3	4.37
	A 7/W50	22.7	3.01	27.2	2.93	33.5	2.8	44.2	3.1
	A 2/W35	23.3	4.06	26.4	3.77	33.7	3.54	43.4	3.82
	A 2/W50	22.1	2.91	25.5	2.74	32.3	2.56	38.1	2.59
	A-4/W35	18.1	3.26	21.3	3.13	26.1	2.99	34	3.14
	A-4/W50	15.7	2.23	17.0	2.05	20.1	2.01	29.3	1.93
	A-7/W35	17.5	3.19	20.9	3.12	25	3	32.8	3.11
	A-7/W50	15.8	2.37	16.7	2.14	17.7	2.10	29.0	2.14
	A18/W50	31.8	3.96	37.9	3.69	44.5	3.49	54.4	3.65
	SCOP - W35	4.54		4.49		4.44		4.46	
	Power input (kW)*	5.71		6.88		8.50		12.43	

Cooling	Description	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER
	A35/W18	34.7	4.08	30.0	4.41	39.1	3.74	59.3	4.20
	A35/W7	26.7	2.97	24.1	3.24	30.4	2.92	43.9	3.14
	SEER	4.81		4.65		4.53		4.32	
	Power Input (kW)**	8.50		6.80		10.45		14.12	

Other Information	Type of compressor	Rotary inverter							
	Sound pressure level dB (A) standard mode (1)	57	58	59	58				
	Sound power level dB(A) standard mode (1)	73	74	75	75				
	Sound pressure level dB(A) super-silenced mode (1)	53	55	56	54				
	Sound power level dB(A) super-silenced mode (1)	69	71	72	71				
	Recommended Primary Buffer Capacity (l)	200	200	200	400				
	Minimum flow rate (l/s)	0.9	0.9	0.9	1.8				
	Maximum flow rate (l/s)	2.6	2.6	2.6	5				
	Standard Air flow rate (m³/h)	11520	13500	13500	23040				
	ErP Energy efficiency - W35	A+++	A+++	A+++	A+++				
Standard power supply (V/Ph/Hz)	400/3/50+N								

AEROTOP® EVO PLUS									
Technical data									
Heating & DHW production	Description	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP	Heating Output (kW)	COP
	A 7/W35	58.5	4.13	66.9	4.06	78.4	4.38	87.2	4.02
	A 7/W50	50.3	3.17	58.6	3.09	73	2.8	86.2	2.75
	A 2/W35	48.4	3.79	57	3.61	68.8	3.57	75.9	3.36
	A 2/W50	42	2.58	48	2.48	65.9	2.43	71	2.3
	A-4/W35	37.4	3.1	44.8	3.01	57	2.95	63.1	2.88
	A-4/W50	32.2	1.91	37.2	1.87	52.6	1.73	55.6	1.59
	A-7/W35	35.8	3.06	43.4	3.0	57.0	2.95	63.3	2.93
	A-7/W50	32.1	2.13	37.1	2.08	53.0	1.95	56.4	1.79
	A18/W50	61.8	3.71	71.7	3.60	91.1	3.4	103	3.21
	SCOP - W35	4.46		4.41		4.33		4.29	
	Power input (kW)*	14.16		16.48		17.90		21.69	

Cooling	Description	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER	Cooling Output (kW)	EER
	A35/W18	66.0	3.77	78.0	3.45	95.3	4.14	104.0	3.71
	A35/W7	49.8	3.06	56.9	2.89	70.2	3.1	80.4	2.91
	SEER	4.32		4.25		4.24		4.23	
	Power Input (kW)**	17.51		22.61		23.02		28.03	

Other Information	Type of compressor	Rotary Inverter				Scroll Inverter			
	Sound pressure level dB (A) standard mode (1)	58	61	60	63				
	Sound power level dB(A) standard mode (1)	76	78	78	81				
	Sound pressure level dB(A) super-silenced mode (1)	54	55	55	57				
	Sound power level dB(A) super-silenced mode (1)	71	72	73	75				
	Recommended Primary Buffer Capacity (l)	400	400	650	650				
	Minimum flow rate (l/s)	1.8	1.8	2.9	2.9				
	Maximum flow rate (l/s)	5	5	6.4	6.4				
	Standard Air flow rate (m³/h)	27000	27000	34560	40500				
	ErP Energy efficiency - W35	A+++	A++	A++	A++				
Standard power supply (V/Ph/Hz)	400/3/50+N								

* Power input at A7/ W35°C (1) The sound pressure level refers to a distance of 1 meter from the outer surface of the unit operating in open field.
 ** Power input at A35/ W18°C Noise levels are determined using the tensiometric method (UNI EN ISO 9614-2)

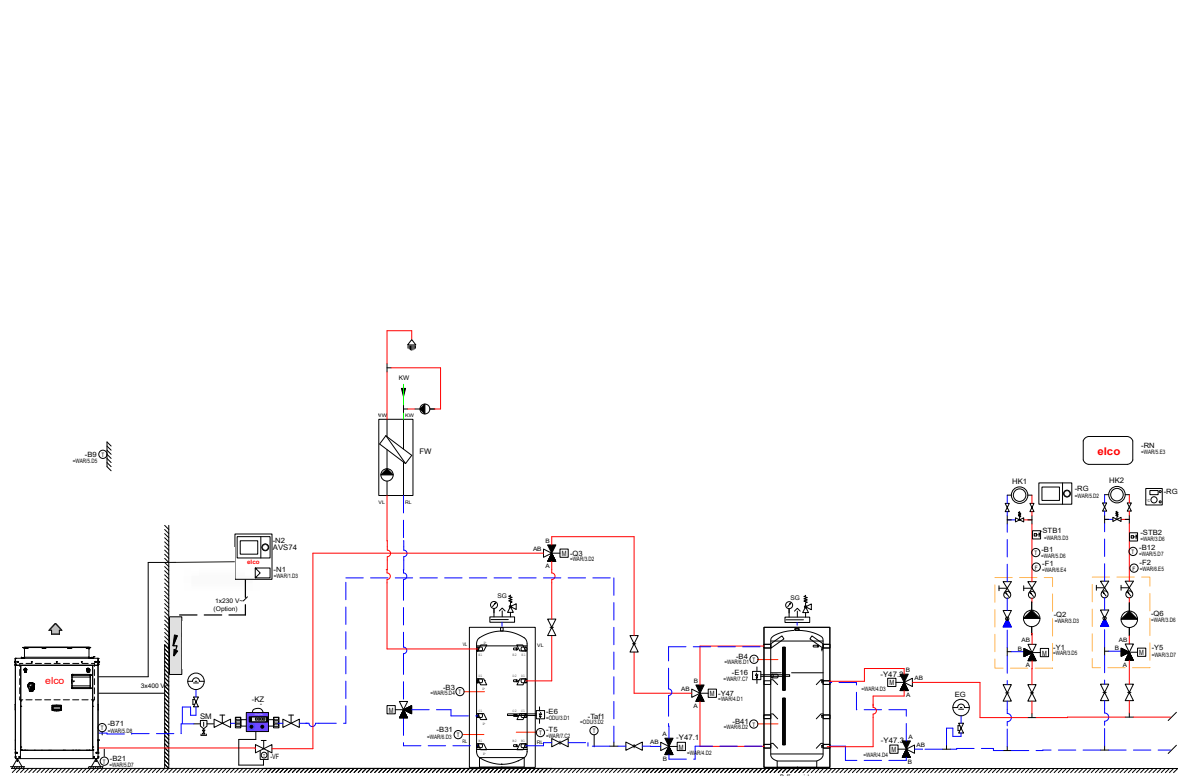
* Power input at A7/ W35°C (1) The sound pressure level refers to a distance of 1 meter from the outer surface of the unit operating in open field.
 ** Power input at A35/ W18°C Noise levels are determined using the tensiometric method (UNI EN ISO 9614-2)

System examples - AEROTOP® EVO (PLUS)

Application examples

The following systems outline typical examples for commercial applications. Depending on the requirements, the commercial AEROTOP® heat pumps can be combined with additional components from ELCO Heating Solutions, such as buffer, gas condensing boilers or hot water heaters. This provides efficient and sustainable heating, cooling and domestic hot water production throughout the whole year.

Example schematic:
AEROTOP® EVO (PLUS) heating and cooling two mix circuits and producing DHW with one buffer and one DHW tank

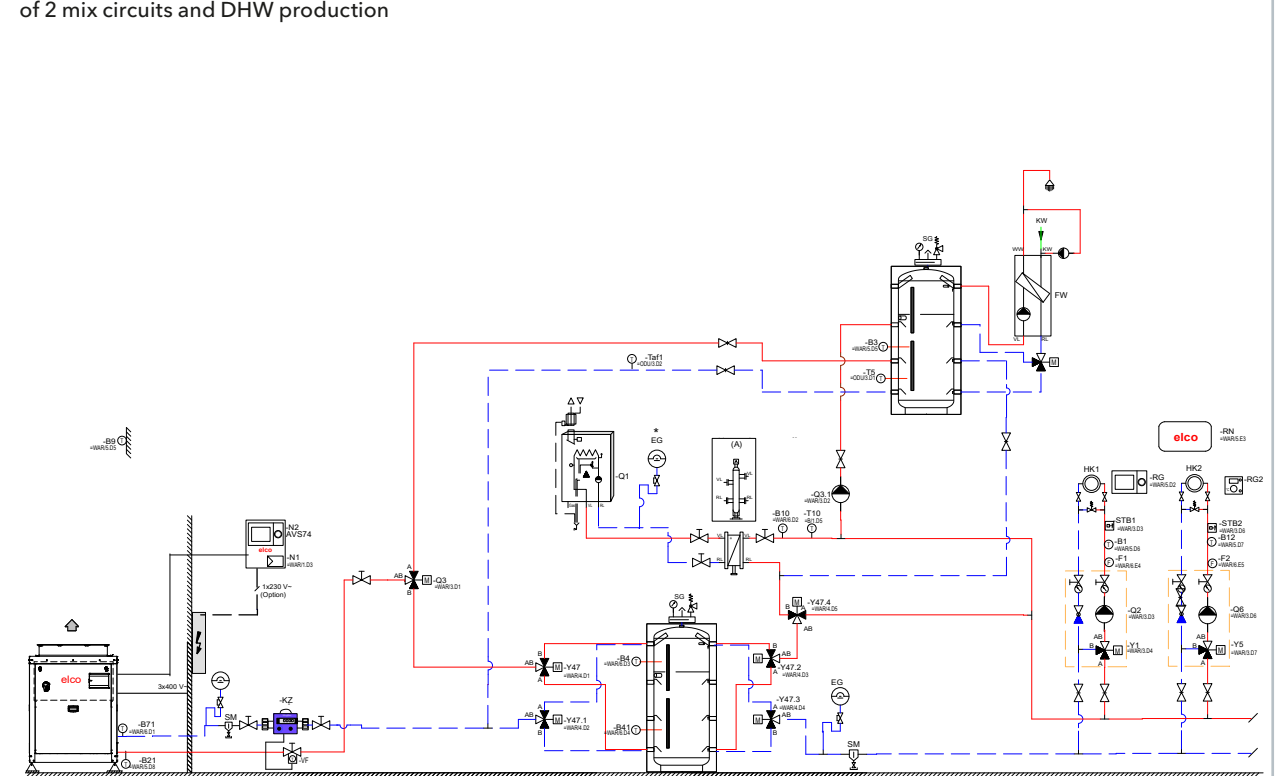


- ▶ 1 x AEROTOP® EVO (PLUS) heat pump
- ▶ 1 x buffer for both heating and cooling
- ▶ 4 x three way diverting valves to switch between heating or cooling
- ▶ 2 x mixing circuits
- ▶ 1 x DHW tank

This schematic is designed to be used for general guidance and not to be considered as a design drawing.

System examples - AEROTOP® EVO (PLUS)

Example schematic:
Hybrid system with AEROTOP® EVO (PLUS) and THISION® L Plus Boiler for heating and cooling of 2 mix circuits and DHW production



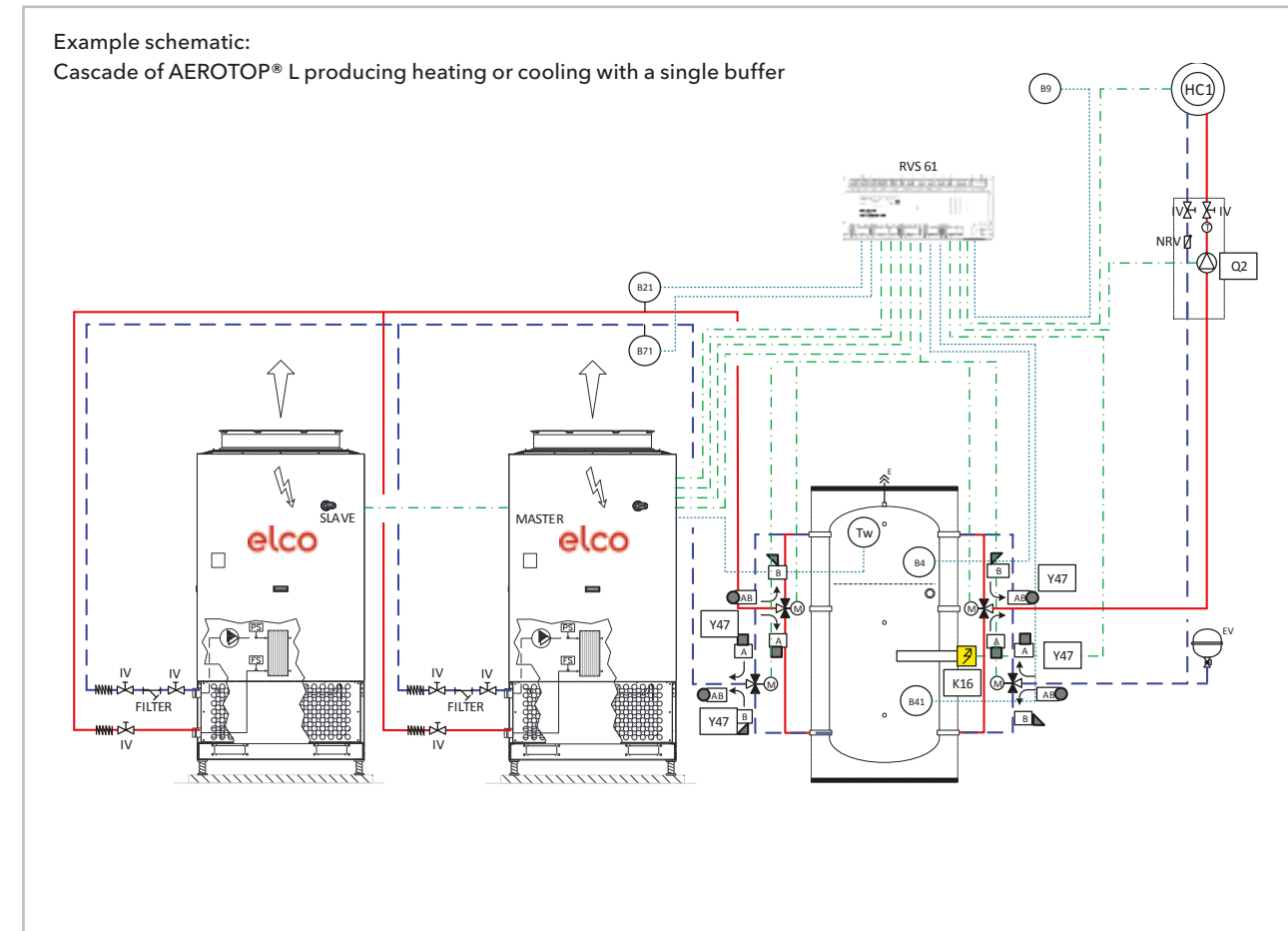
- ▶ 1 x AEROTOP® EVO (PLUS) heat pump
- ▶ 1 x buffer
- ▶ 1 x plate heat exchanger or low loss header
- ▶ 4 x three way diverting valves to switch between heating or cooling
- ▶ 2 x mixing circuits
- ▶ 1 x THISION® L Plus Boiler
- ▶ 1 x DHW tank

This schematic is designed to be used for general guidance and not to be considered as a design drawing.

System examples - AEROTOP® L

Application examples

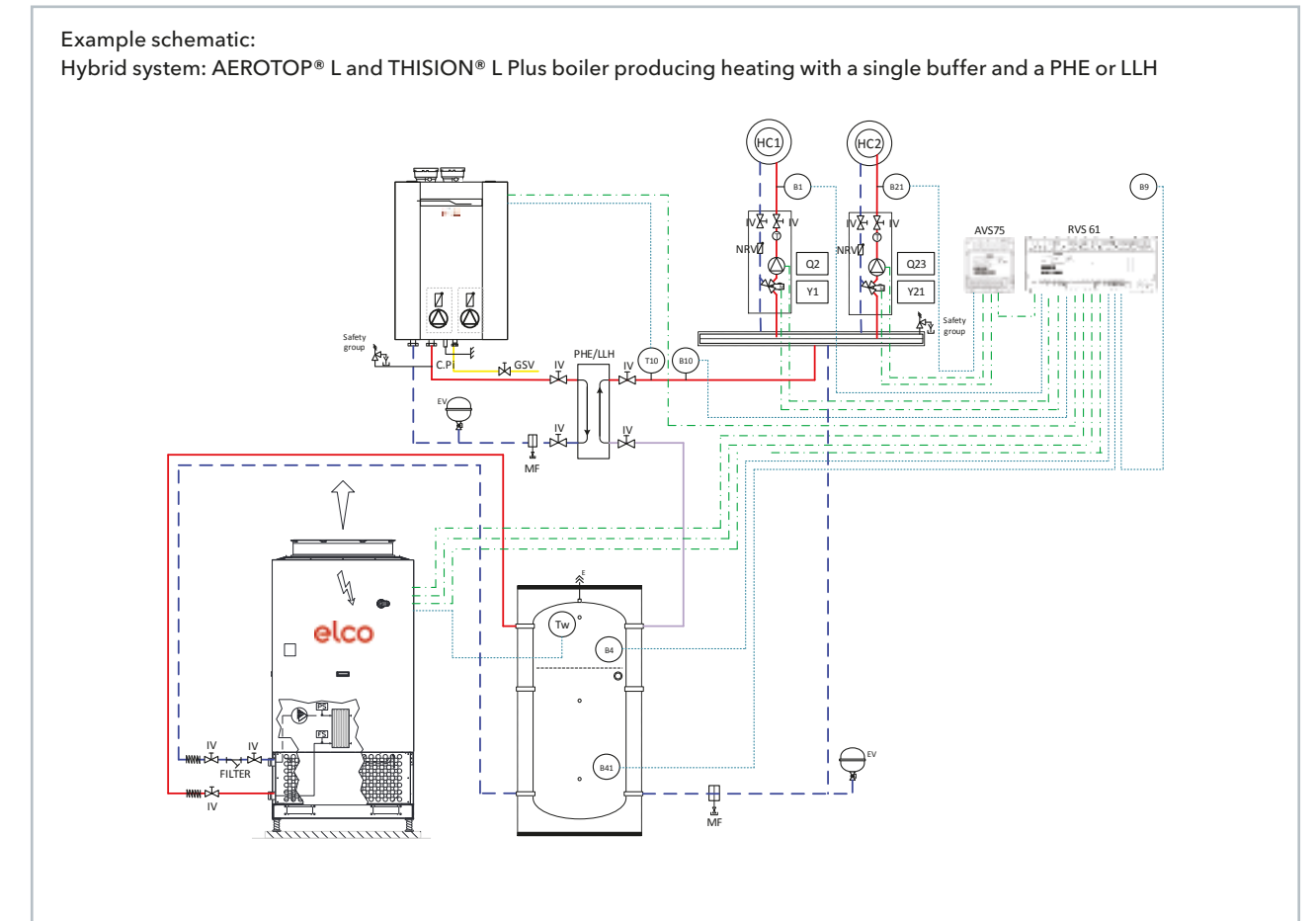
The following systems outline typical examples for commercial applications. Depending on the requirements, the commercial AEROTOP® heat pumps can be combined with additional components from ELCO Heating Solutions, such as buffer, gas condensing boilers or hot water heaters. This provides efficient and sustainable heating and cooling throughout the whole year.



- ▶ 2 x AEROTOP® L heat pumps
- ▶ 1 x buffer for both heating and cooling
- ▶ 4 x three way diverting valves to switch between heating or cooling
- ▶ 1 x heating or cooling circuit

This schematic is designed to be used for general guidance and not to be considered as a design drawing.

System examples - AEROTOP® L



- ▶ 1 x AEROTOP® L heat pump
- ▶ 1 x THISION® L Plus boiler
- ▶ 1 x buffer
- ▶ 1 x plate heat exchanger or low loss header
- ▶ optional outdoor sensor
- ▶ optional clip-in for up to 3 mixing circuits

This schematic is designed to be used for general guidance and not to be considered as a design drawing.

ELCO – your trusted partner.

As a specialist commercial heating manufacturer, you can rely on ELCO's extensive expertise, from planning right through to servicing and maintenance via its network of trusted service partners. Our specially trained partners are available to help with the installation and commissioning of commercial systems – offering their experience and assistance when you need it the most.



Commissioning

Our specialist partners always work together with you in commissioning ELCO products properly to provide a high quality service.



First class service

Whether it is repairs, maintenance or troubleshooting, our service partners are there for you when you need them.



Trained and certified service technicians

Our service partner technicians are specially trained, qualified and fully equipped with the tools required to ensure all products are maintained to the highest standards.

More information



www.elco.co.uk

elco heating solutions