



Keep an eye on ECO earth !

Subsidiary: Foshan Ecoview Energy Saving Facility Ltd.

Add.: No.3 Nanyi Street, Shunde Dist., Foshan City, China

Headquarters: MT Systems SA (www.mt-systems.ch)

Add.: Via Vergio 18, 6932 Breganzona, Switzerland

Website: www.ecoview-energy.com

Tel.: +86-757-28887636

Email: info@ecoview-energy.com

All technical specifications for reference, subject to changes without prior notice.
Please regards specifications on the products as most updated version.



**COMMERCIAL SWIMMING
POOL HEAT PUMP**



Keep an eye on ECO earth !

Foshan Ecoview Energy Saving Facility Ltd.

ENERGY EFFICIENT HEATING

A swimming pool is a major financial investment. Getting the most out of your pool, means keeping the pool at a swimmable temperature for the maximum number of hours each day and maximum number of days each year.

A heat pump can economically keep your pool warm.

Ecoview commercial swimming pool heat pumps can heat your pool in colder climates even when the ambient air temperature is close to 0°C featuring hot gas de-icing and are ideal for heating:

- *Swimming pools for year round enjoyment*
- *Swimming pools to extend the season*
- *Plunge pools*
- *Swim spas*
- *Spas*
- *Available in 15KW to 175KW heating capacities*

COMPANY PROFILE

Foshan Ecoview Energy Saving Facility Ltd.

Ecoview, keep an eye on ECO earth, a subsidiary of MT-Systems SA.

MT- Systems SA headquarters is located in Switzerland and it is an envirotech company which has been specializing in heat pumps and solar system for more than 20 years.

Ecoview, as an European brand, it has a team with rich experience in heat pump design, R&D, manufacture, quality control and after service.

ECO earth is now facing all kinds of environment problems: global warming, over exploitation of mineral resources, environment pollution.

Our company mission is to protect Ecological earth, Ecoview continuously develops more and more innovative, Eco-friendly and energy saving products.

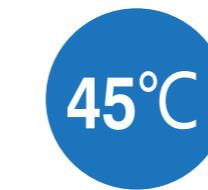
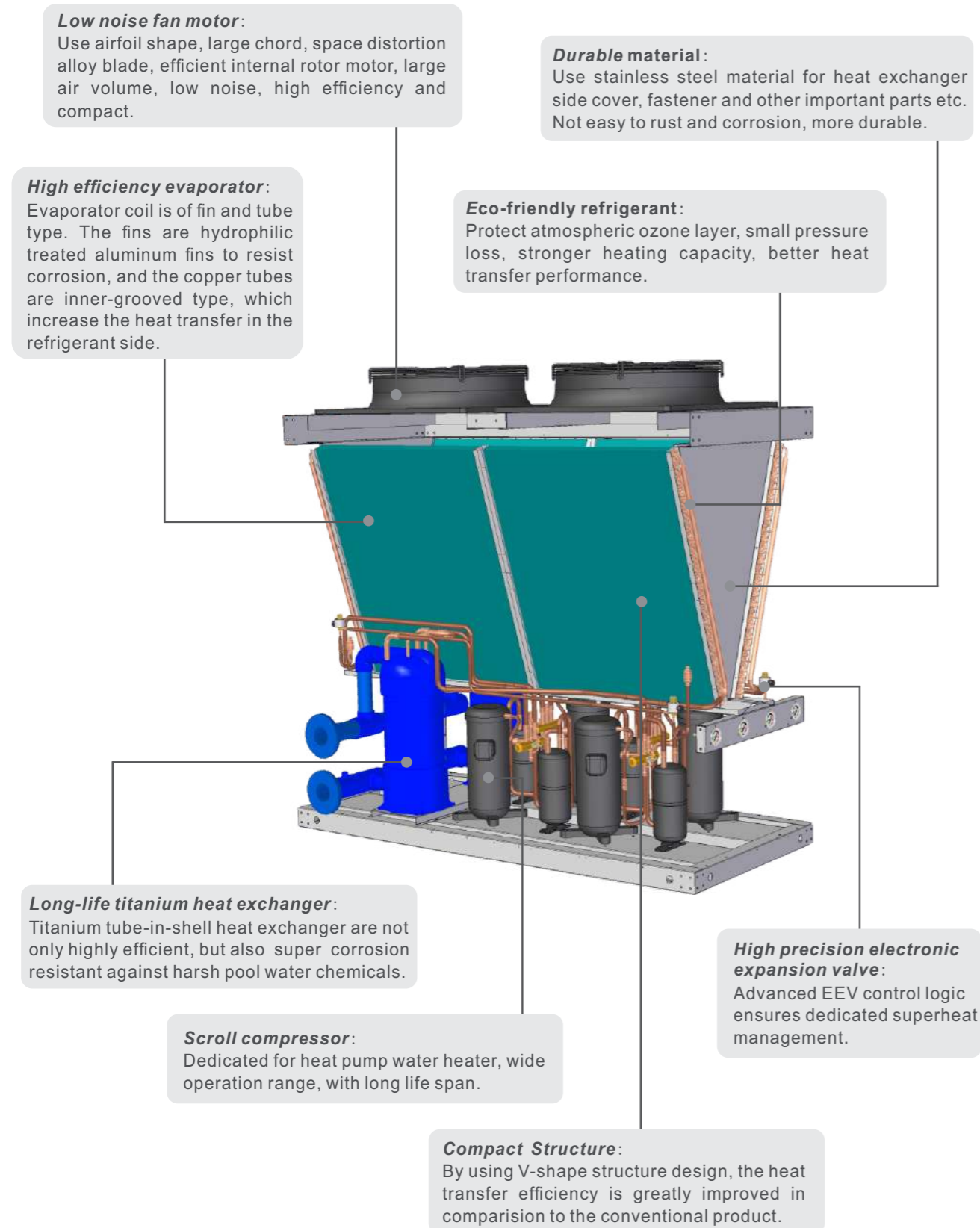
Ecoview, in our eyes, we see the same ECO earth!

Ecoview, for Eco earth in our future generations' eyes!

Ecoview, we must keep an eye on Eco earth!



Product Features



HOT WATER AVAILABLE 24/7



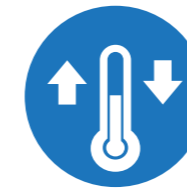
HOT WATER RELIABILITY



HIGH EFFICIENCY DESIGN



INTELLIGENT CONTROL



ACCURATE TEMP. CONTROL



LOW LIFECYCLE COSTS



LOW AMBIENT PERFORMANCE



SAFE OPERATION DESIGN

Heat Pump Water Heater Professional Compressor:

- Compressor specially for heat pump water heater:
1. Panasonic/Copeland compressor specially for commercial pool heat pump adopts scroll heating technology.
 2. With much wider operation range for different ambient temperature.
 3. Produce high water temperature with 45°C, it can reach the requirement for daily life and industrial use.
 4. Specifically design for the heat pump water heater of high suction exhaust temperature and system high condensing temperature, performance is stable and efficient, long service life.



Controller:

1. Adopt famous master chip, ensure the unit running stable.
2. The controller has many protect functions: pressure protection, antifreeze protection, high temp. protection, overload protection, phase protection and so on.
3. Modular design, can be combined freely according to the required capacity.
4. Adopt intelligent constant temp. control, multi-point temp. measurement, multistage energy adjustment, automatically adjustment of temp. difference, intelligent control compressor frequency according to ambient temperature.



Specification



Model		EV-SPC5	EV-SPC10	EV-SPC15	EV-SPC18	EV-SPC20	EV-SPC25	EV-SPC30	EV-SPC45	EV-SPC55	EV-SPC65	EV-SPC85	EV-SPC105	EV-SPC125	EV-SPC175	
Advised pool volume	m ³	≤35	≤40	≤60	≤70	≤100	≤120	≤145	≤220	≤265	≤310	≤370	≤420	≤500	≤700	
1) Heating capacity	KW	5.5	8.8	13	16.3	20	22.5	29.5	44	53	62	86	105	124	172	
Power input	KW	1.0	1.6	2.3	3.0	3.5	4	5.3	8	9	11	15	18	22	30	
Test condition	Ambient temp.(Dry Bulb): 26°C , Water temp.out:26°C.															
2) Heating capacity	KW	4.8	7.1	11.5	14.5	18	20	26	39	46.5	55	76	93	110	152	
Power input	KW	1.1	1.5	2.2	2.8	3.4	3.8	5.0	7.5	8.9	10.6	14.6	17.9	21.2	29.2	
Test condition	Ambient temp.(Dry Bulb): 20°C , Water temp.out: 26°C.															
3) Heating capacity	KW	4.2	6.3	10.5	13	16	18	28	35	41	49	68	84	100	138	
Power input	KW	1.1	1.6	2.6	3.2	4	4.5	7	8.7	10	12	17	21	25.5	35	
Test condition	Ambient temp.(Dry Bulb): 15°C, Water temp.out: 40°C.															
Max. current	A	9.5	13	15.7	10	13	15	21	25	30	40	50	62	74	98	
Power supply	V/Ph/Hz	220/1/50			380/3/50											
Operating air temp.	°C	-5 - 43														
Max. water temp.	°C	45 (PPR Titanium heat exchanger)														
Compressor	Type	Rotary			Scroll											
Refrigerant		R410A														
Water connection	mm	50	50	50	50	50	50	50	50	50	63	90	90	90	110	
Water flow	m ³ /h	2	3	4.5	6	7.5	9	12	17	21	25	30	35	47	60	
Unit dimension (WxDxH)	mm	1000x350x620	1000x350x620	1010x310x610	1110x460x700	750x750x1080	750x750x1080	800x800x1250	1500x690x1090	1500x690x1350	1510x910x1550	1690x1100x1690	2000x1100x1890	2000x1100x1890	2300x1100x2100	
Net weight	kg	60	79	90	95	110	150	250	270	290	465	622	755	893	1360	
Noise	dB(A)	≤48	≤52	≤58	≤60	≤60	≤60	≤60	≤60	≤60	≤62	≤64	≤60	≤62	≤64	

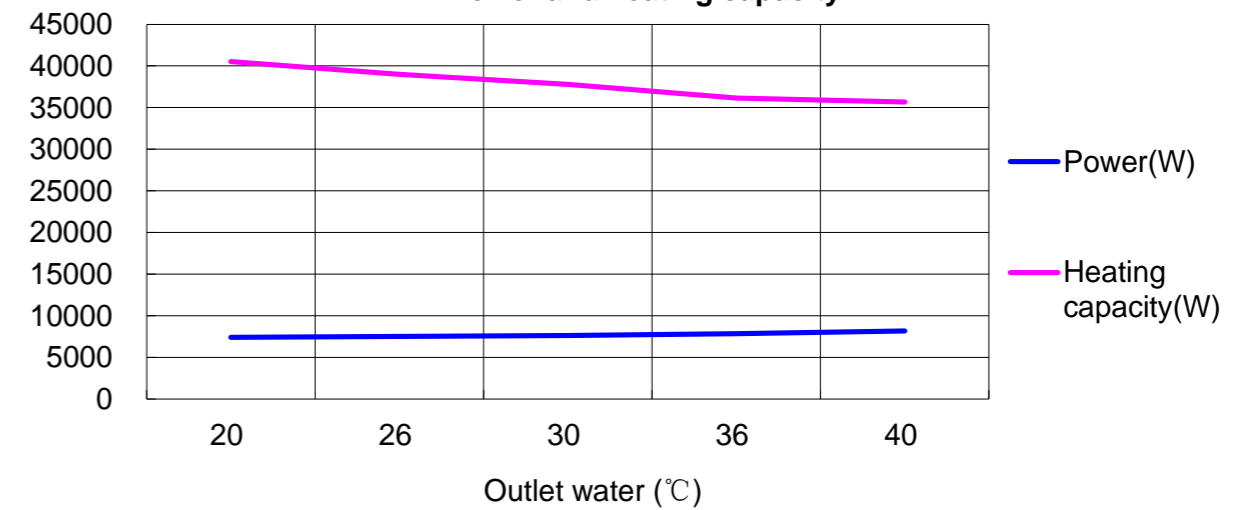
Heating Performance

EV-SPC45

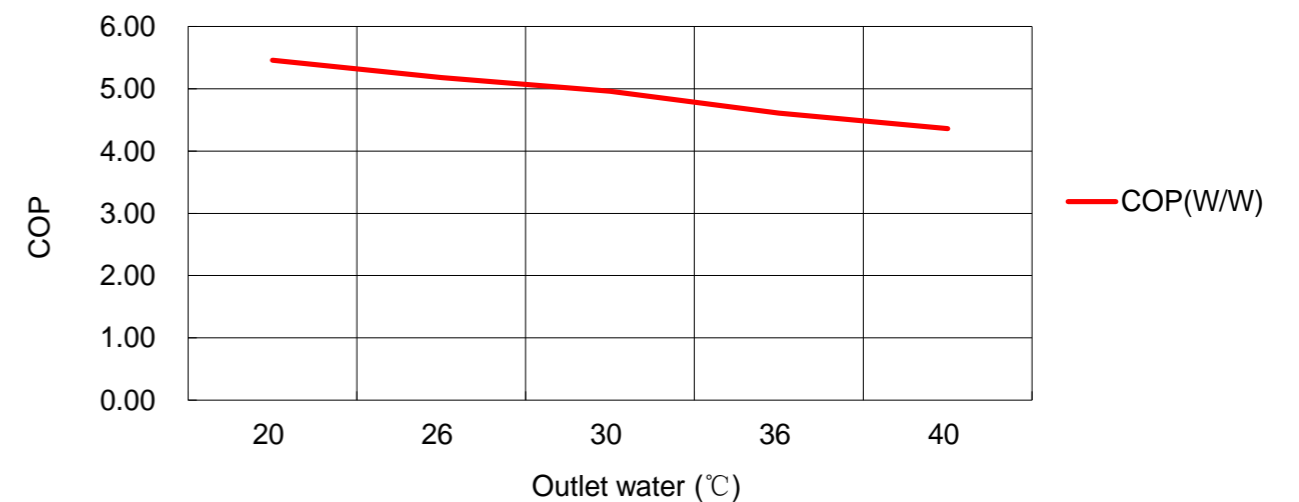
R410A, Ambient temp. 20°C

Water flow (m ³ /h)	17.00	17.00	17.00	17.00	17.00
Temp.difference(°C)	2.05	1.97	1.91	1.83	1.80
Outlet water (°C)	20	26	30	36	40
Power(W)	7425	7528	7616	7841	8178
Heating capacity(W)	40542	38995	37774	36146	35658
COP(W/W)	5.46	5.18	4.96	4.61	4.36

Power and heating capacity



COP



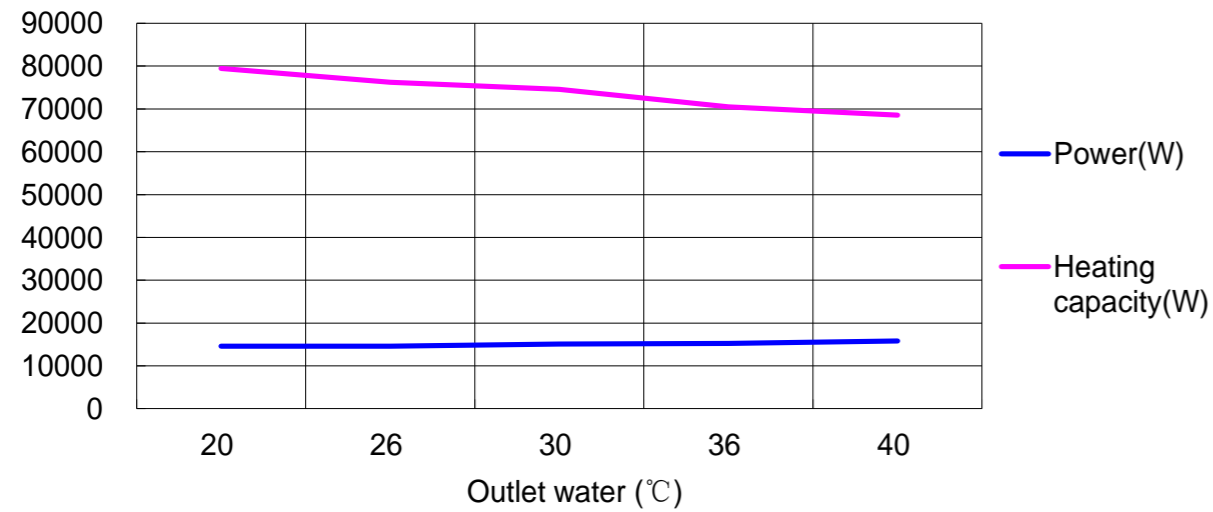
Heating Performance

EV-SPC85

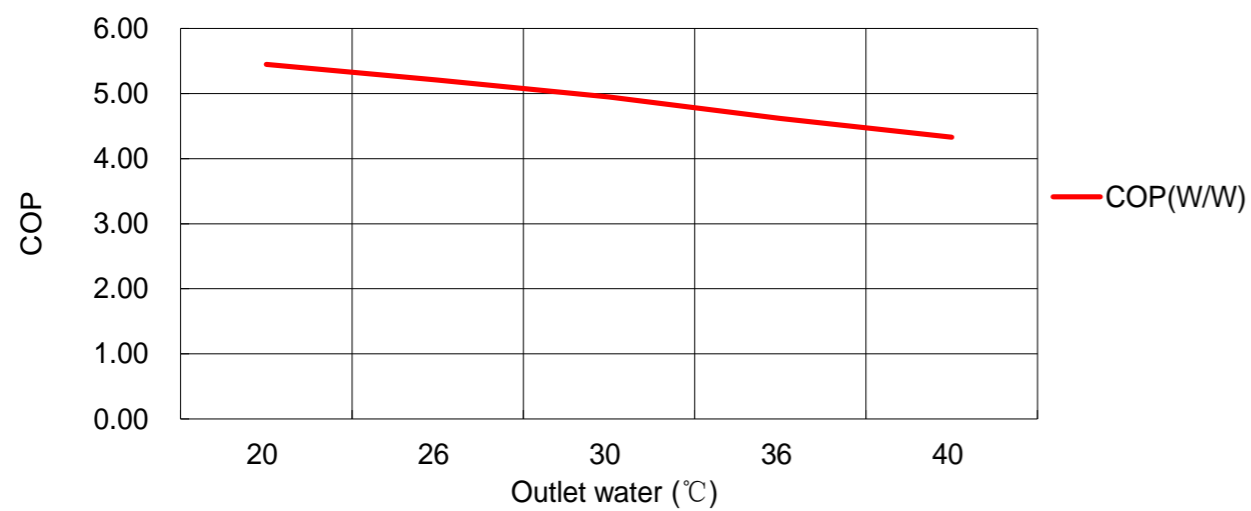
R410A, Ambient temp. 20°C

Water flow (m ³ /h)	30.00	30.00	30.00	30.00	30.00
Temp.difference(°C)	2.28	2.18	2.14	2.02	1.96
Outlet water (°C)	20	26	30	36	40
Power(W)	14579	14626	15065	15260	15831
Heating capacity(W)	79456	76200	74572	70501	68547
COP(W/W)	5.45	5.21	4.95	4.62	4.33

Power and heating capacity



COP

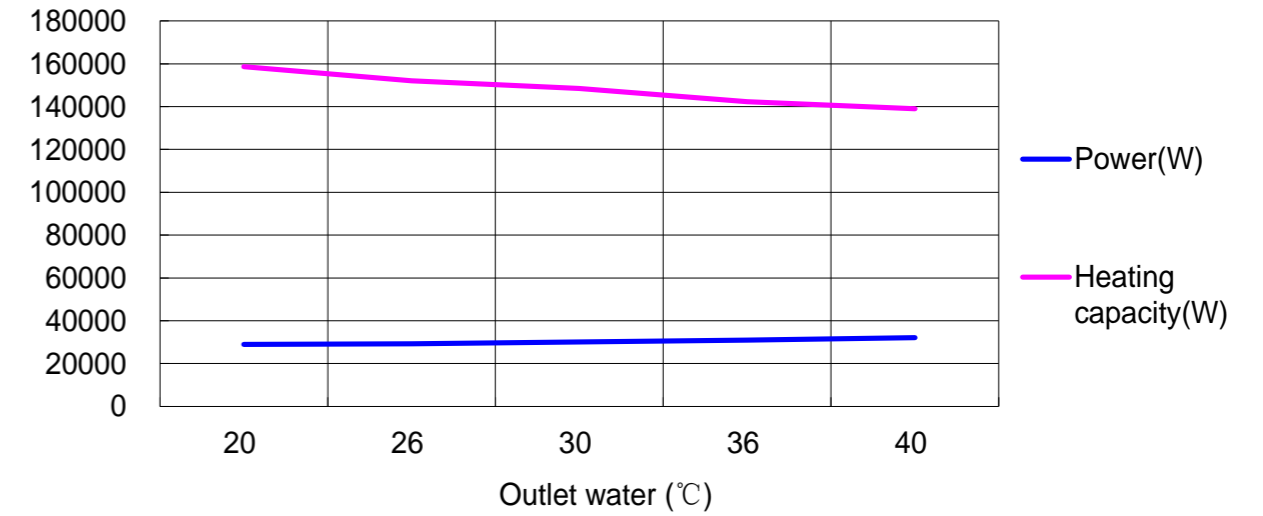


EV-SPC175

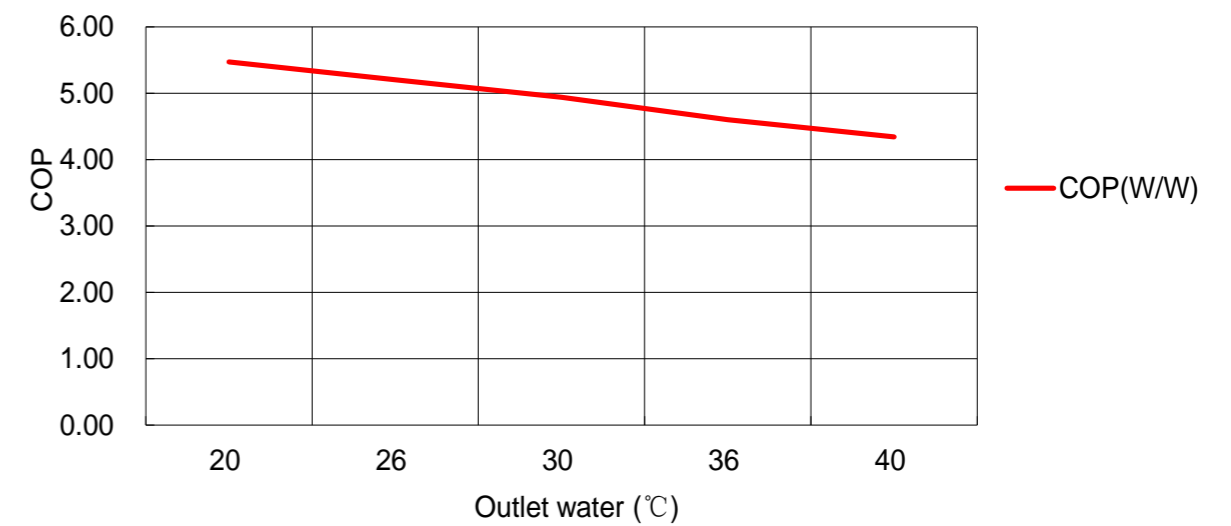
R410A, Ambient temp. 20°C

Water flow (m ³ /h)	60.00	60.00	60.00	60.00	60.00
Temp.difference(°C)	2.27	2.18	2.13	2.04	1.99
Outlet water (°C)	20	26	30	36	40
Power(W)	28992	29245	30059	30936	32039
Heating capacity(W)	158587	152074	148492	142305	139048
COP(W/W)	5.47	5.20	4.94	4.60	4.34

Power and heating capacity



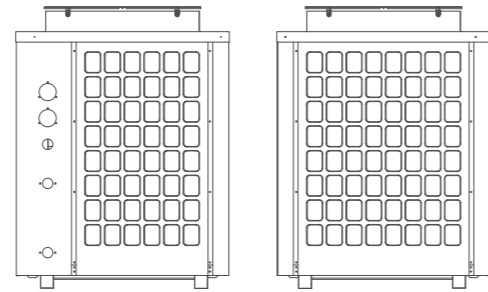
COP



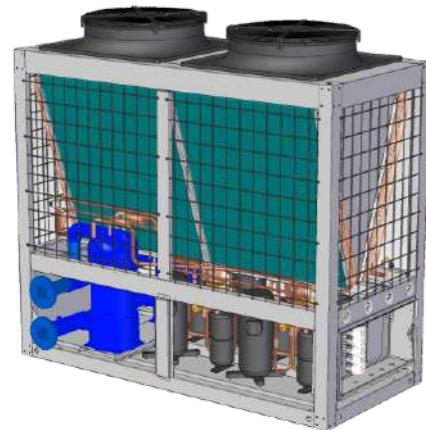
Product Picture



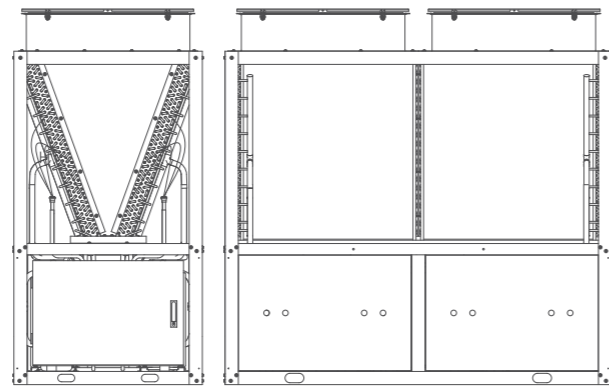
EV-SPC15



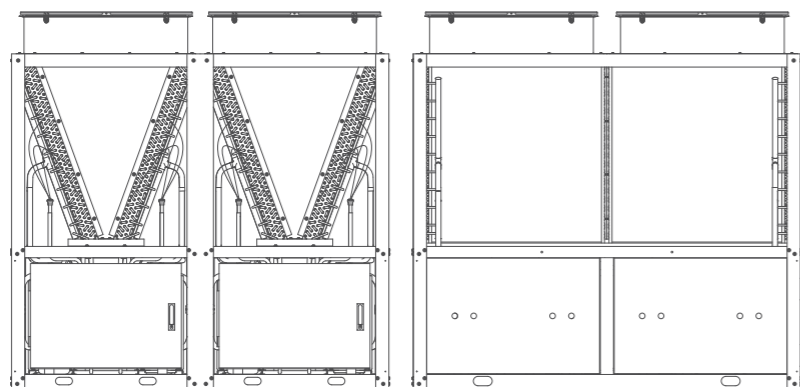
EV-SPC30



EV-SPC85



EV-SPC105



EV-SPC175

Running Chart

