

Commercial Hot Water

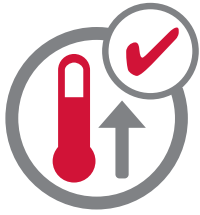
Energy efficient project solutions



STIEBEL ELTRON

Commercial Hot Water Package Specifications

100 years of experience that you can rely on



Highest Efficiency

Delivers up to 75°C flow temperature, ensuring maximum mixing water volumes without the need for additional electric heaters with highest performance factors.



Robust Quality

Built to withstand the harshest conditions, our high-quality machines meet all hot water temperature requirements and come pre-tested for maximum reliability.



Flexible Installation Options

Available for both on-site installation or pre-manufactured on a skid, providing convenience and adaptability to different project needs.



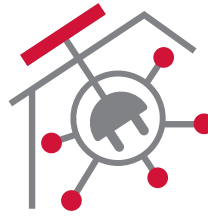
Easy Installation and Sizing

Pre-matched packs tailored for most apartment sizes, featuring compact, easy-to-allocate components, making installation straightforward.



Remote Access

Convenient settings and analysis from the back office or through BMS integration saves time and provides all necessary information.



Solar PV and EMS Integration

Seamlessly integrates with Solar PV and EMS systems to maximise self-consumption or incorporate into a larger energy management system.



R290 Natural Refrigerant

Optimised R290 refrigerant circuit with integrated gas separator, vent valve, pressure relief valve and electronic shut-off monitoring.

Specifications

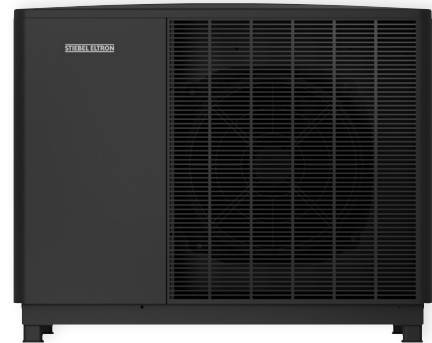
Flex Packages:	<div style="display: flex; justify-content: space-around; text-align: center;"> <div style="transform: rotate(-15deg);">CMT-11-10-800</div> <div style="transform: rotate(-15deg);">CMT-22-10-800</div> <div style="transform: rotate(-15deg);">CMT-33-10-800</div> <div style="transform: rotate(-15deg);">CMT-44-10-800</div> <div style="transform: rotate(-15deg);">CMT-55-10-800</div> <div style="transform: rotate(-15deg);">CMT-66-10-800</div> <div style="transform: rotate(-15deg);">CMT-23-13-800</div> <div style="transform: rotate(-15deg);">CMT-35-13-800</div> <div style="transform: rotate(-15deg);">CMT-12-17-800</div> <div style="transform: rotate(-15deg);">CMT-24-17-800</div> <div style="transform: rotate(-15deg);">CMT-36-17-800</div> </div>											
HP Type	WPL-A 10	WPL-A 10	WPL-A 10	WPL-A 10	WPL-A 10	WPL-A 10	WPL-A 10	WPL-A 13	WPL-A 13	WPL-A 17	WPL-A 17	WPL-A 17
HP QTY	1	2	3	4	5	6	2	3	1	2	3	
Tank QTY	1	2	3	4	5	6	3	5	2	3	6	
Heating Cylinder Volume (L)	829	1658	2487	3316	4145	4974	2487	3316	1658	2487	4974	
Backup Element in each Tank (kW)							3.0					
PTR Valve Setting (kPa)							700					
Min Spatial Requirement (m2)	6	12	17.5	21	28	31.5	17.5	28	12	17.5	31.5	
Dry Weight (Kg)	377	679	981	1283	1585	1887	883	1363	588	949	1614	
Wet Weight (Kg)	1206	2337	3468	4599	5730	6861	3370	4679	2246	3436	6588	
Connected Load (A)	36	72	108	144	180	215	120	187	72	143	215	
Peak Draw (kW)	7.6	15.2	22.8	30.4	38	45.6	24.3	38	16.2	32.4	48.6	
Voltage/Phase	400-415V/3Ph+N/50Hz											
Min Circuit Size per Phase (A)	25	45	45	70	85	85	50	80	35	70	85	

WPL-A Trend 10.2, 13.2 & 17.2

Air source heat pumps

Heat efficiently and protect the environment

The WPL-A Trend air source heat pump is highly suited to hot water applications, since the inverter unit achieves high flow temperatures even at very low outside temperatures of down to -25 °C. The WPL-A Trend range uses R290 natural refrigerant with <4 GWP. In combination with its high efficiency, the heat pump scores highly as an environmentally responsible heating technology.



Product features

- › Air source heat pump with inverter technology provides adjusted heating output
- › High flow temperatures of up to 75 °C enable high DHW temperatures and mixed water volumes
- › Low operating costs through high efficiency all year round
- › Smart Grid and EMS ready for connection to solar or smart load management

Type		WPL-A 10.2 Trend	WPL-A 13.2 Trend	WPL-A 17.2 Trend
Nominal Capacity	kW	10	13	17
COP (A20W45)		5,6	5,64	5,49
Maximum Flow Temperature	°C	75	75	75
Application range	°C	-25 to +40	-25 to +40	-25 to +40
Sound Power Level - EN12102	dB(A)	46	49	52
Refrigerant		R290	R290	R290
Refrigerant charge	Kg	1,4	1,6	2,15
Global Warming Potential	GWP	3	3	3
Electrical Supply	V/Ph/Hz/A	230-240V/1/50/20	400-415V/3/50/15	400-415V/3/50/15
Weight	Kg	150	176	209

Specifications

Prefabricated Skid Pack:	CMT-11-10-800	CMT-22-10-800	CMT-33-10-800	CMT-44-10-800	CMT-55-10-800	CMT-66-10-800	CMT-23-13-800	CMT-35-13-800	CMT-12-17-800	CMT-24-17-800	CMT-36-17-800
Width (mm)	2100	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450
Length (mm)	1500	2100	4250	4250	6250	6250	4250	6250	2100	4250	6250
Height (mm)	2120	2350	2350	2350	2350	2350	2120	2120	2120	2120	2120
Dry Weight approx (kg)	525	1050	1835	2230	2945	3335	1660	2605	905	1950	2925
Wet Weight approx (kg)	1460	2945	4715	6050	7720	9045	4530	5165	2790	5740	8585

Warranty Information

Standard Manufacturer's Warranty

Component	Parts (yrs)	Labour (yrs)
Heat Pump	2	2
Tanks	3	2

Extended Manufacturer's Warranty after Commissioning by Stiebel Eltron

Component	Parts (yrs)	Labour (yrs)
Heat Pump	3	3
Tanks	5	3

Extended Manufacturer's Warranty with Preventative Maintenance Package by Stiebel Eltron

Component	Parts (yrs)	Labour (yrs)
Heat Pump	10	10
Tanks	10	10

For full details of the manufacturer's and extended warranties, please contact your local STIEBEL ELTRON representative or email our technical department on technical@stiebel-eltron.com.au