



Meet the Zero Emission Boiler (ZEB®)

Heat your home, not the planet.

tepeco

ZEB specifications

Zero Emission Boiler ZEB-40R_03

Electrical	Rated input power (@230V)	9	kW
	Rated current (@230V)	41.5	A
	Max current draw (inc FCU)	46.3	A
	Nominal voltage (8)	230	VAC
	Onboard power & frequency monitoring	Class B	
Heating	Thermal storage capacity (usable)	40	kWh
	Time to full charge (from empty)	4.5	hour
	Heat output (at >50% Charge)	15	kW
	Modulation range	0-100%	%
	Output temperature range	35-80	°C
	Recommended ΔT across boiler	10 - 20	°C
	Maximum operating pressure	6	bar
	Typical flow rate	10	l/min
	Minimum flow rate	3.5	l/min
Physical	Standing heat loss (at 50% charge)	280	W
	Dimensions (W x D x H)	598 x 660 x 980*	mm
	Weight	375	kg
	Max sound power level	58	dB
Environment	Ambient temperature	5 - 40	°C
	Storage temperature	-20 - 55	°C
	Operating humidity	10 - 85	%
	Storage humidity	5 - 90	%
Smart features	Tariff optimisation	Yes	-
	Charge optimisation and learning	Yes	-
	Frequency monitoring & response	Yes	-

*Excludes necessary clearances. **Generation & storage dependent charging feature currently under development