

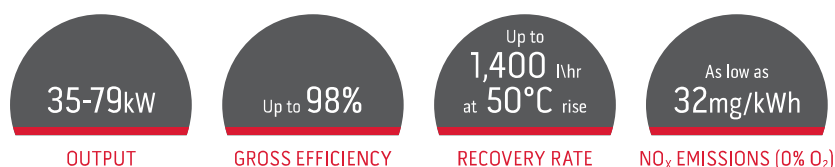
ECOflo Condensing Water Heater

The ECOflo range of storage water heaters are fully condensing, offering excellent energy efficiency, low NO_x and exceptional hot water recovery rates.

The Vitraglas® lined, thermally efficient tanks are protected by maintenance free anodes, and are equipped with a Hydrojet® sediment reduction system which enhances the performance and prolongs the life of the product.

ECOflo is suitable for installation on a conventional flue or a concentric balanced flue.

Technical specification



A
Efficiency Rating



Features

Up to 98% gross efficiency

Recovery rates of up to 1,400 litres per hour

Vitraglas® lined storage tank and maintenance free, factory fitted Correx® anodes

Factory installed Hydrojet® sediment reduction system

Supported by a three year vessel warranty

Two storage capacities available

Room-sealed balanced or conventional flue

Three pass flue system (unique and patented)

Ultra-quiet operation

Electronic controls

Factory installed Correx® powered anode system

Large hand-hole clean-out opening

Benefits

For energy efficient, cost effective operation

Can satisfy the most demanding applications

Offering protection to the steel storage tank

Gives a longer and more efficient working life

Peace of mind for the customer

Increased flexibility – larger storage option for peak demand

Ease of installation

Increased efficiency

Increased comfort

Ease of use and maintenance

Maintenance free

Easy inspection and cleaning

Specifications

			Model			
			EC230/600	EC230/700	EC230/960	EC380/740
Energy	Heat input (gross)	kW	36.6	43.9	58.3	43.9
	Heat output (gross)	kW	35.1	41.3	54.2	43
	Gross thermal efficiency	%	96	94	93	98
	Standby heat loss	kW/1/day	0.0012	0.0013	0.00135	0.00694
ErP	NO _x emissions (0% O ₂)	mg/kWh	33	37	40	32
	ErP efficiency rating		A	A	A	A
	Noise level*	dB(A)	51	51	51	51
Gas data	Gas flow rate	m ³ /hr	3.41	4.09	5.43	4.09
	Supply pressure	mbar	20	20	20	20
Water	Storage capacity	litre	230	230	230	380
	Recovery rate through 50°C Δt	litre/hr	600	700	960	740
	Recovery rate through 56°C Δt	litre/hr	537	632	830	658
	Minimum working pressure	bar	0.8	0.8	0.8	0.8
	Maximum pressure	bar	10	10	10	10
Electrical	Fuse rating	amp	5	5	5	5
	Electrical power consumption	W	120	120	120	120
	Electrical supply		230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Misc	Weight full	kg	450	450	450	760
	Weight empty	kg	259	259	259	408
	Maximum flue runs (concentric)	m	16	16	16	16
	Maximum flue runs (conventional)	m	32	32	32	32
Flue diameter	Conventional	mm	100	100	100	100
	Concentric	mm	100/150	100/150	100/150	100/150

*@ 2m from flue terminal

Specifications

			Model		
			EC380/980	EC380/1220	EC380/1400
Energy	Heat input (gross)	kW	58.3	73.2	85
	Heat output (gross)	kW	57.1	71	79.1
	Gross thermal efficiency	%	98	97	93/96
	Standby heat loss	kW/1/day	0.00098	0.00115	0.00122
ErP	NO _x emissions (0% O ₂)	mg/kWh	40	40	55
	ErP efficiency rating		A	A	A
	Noise level*	dBA	51	51	51
Gas data	Gas flow rate	m ³ /hr	5.43	6.82	7.92
	Supply pressure	mbar	20	20	20
Water	Storage capacity	litre	380	380	380
	Recovery rate through 50°C Δt	litre/hr	980	1,220	1,400
	Recovery rate through 56°C Δt	litre/hr	874	1,087	1,211
	Minimum working pressure	bar	0.8	0.8	0.8
	Maximum pressure	bar	10	10	10
Electrical	Fuse rating	amp	5	5	5
	Electrical power consumption	W	120	120	120
	Electrical supply		230V/50Hz	230V/50Hz	230V/50Hz
Misc	Weight full	kg	760	760	760
	Weight empty	kg	408	408	408
	Maximum flue runs (concentric)	m	16	16	16
	Maximum flue runs (conventional)	m	32	32	32
Flue diameter	Conventional	mm	100	100	100
	Concentric	mm	100/150	100/150	100/150

*@ 2m from flue terminal