

# ECOflo Condensing Water Heater



Model

			EC230/600	EC230/700	EC230/960	EC380/740
<b>Product code</b>			A441	A442	A443	A444
<b>Energy</b>	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
<b>ErP</b>	NO <sub>x</sub> emission (0% O <sub>2</sub> )	mg/kWh	33	37	40	32
	ErP efficiency rating		A	A	A	A
	Noise Level*	dB(A)	51	51	51	51
<b>Gas data</b>	Gas flow rate	m <sup>3</sup> /hr	3.41	4.09	5.43	4.09
	Supply pressure	mbar	20	20	20	20
<b>Water</b>	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 working pressure	bar	10	10	10	10
<b>Electical</b>	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
<b>Misc</b>	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
<b>Flue diameter</b>	Conventional	mm	100	100	100	100
	Concentric	mm	100/150	100/150	100/150	100/150
<b>Shipping</b>	Shipping width	mm	819	819	819	819
	Shipping depth	mm	889	889	889	889
	Shipping height	mm	1664	1664	1664	2197
	Shipping weight	kg	259	259	259	408
<b>Accessories</b>	Plinth (150mm, required for all ECOflo models**)		E923	E923	E923	E923
	Unvented system kit***		703930	703930	703930	703930
	LPG conversion kit		7697588	7697589	7697590	7697591
	BMS interface kit		n/a	n/a	n/a	n/a
<b>Flues</b>	Horizontal flue kit		B342	B342	B342	B342
	Vertical flue kit		B344	B344	B344	B344
	1 metre cuttable flue length 100/150		5136159	5136159	5136159	5136159
	0.5 metre flue length 100/150		5136160	5136160	5136160	5136160
	87° bend 100/150		5136162	5136162	5136162	5136162
	45° bend 100/150		5136161	5136161	5136161	5136161
	Flat roof plate		E207	E207	E207	E207
	Angled roof plate		E208	E208	E208	E208
	Wall bracket		5136163	5136163	5136163	5136163
	Siphon kit c/w condensate trap		5136164	5136164	5136164	5136164
	Locking clamp		5136165	5136165	5136165	5136165
	Ø100mm flue seal		5136166	5136166	5136166	5136166



Sales 0345 070 1055

Technical 0345 070 1057

Web [andrewswaterheaters.co.uk](http://andrewswaterheaters.co.uk)



\*@ 2m from flue terminal

\*\*Unless 150mm high plinth is to be made or already exists in plant room

\*\*\*Unvented system kit includes: Combined pressure reducing valve 3.5bar, check valve, pressure relief valve 6bar, 24 ltr expansion vessel c/w wall bracket, temperature/pressure relief valve 7 bar/95°C, tundish T/P brass adaptor, hose assembly.

Andrews. Built to perform.



# ECOflo Condensing Water Heater



Model

			EC380/980	EC380/1220	EC380/1400	EC96/380
<b>Product code</b>			A445	A446	A447	7763224
<b>Energy</b>	Heat input (gross)	kW	58.3	73.2	85	102.6
	Heat output	kW	57.1	71	79.1	96.4
	Gross thermal efficiency	%	98	97	93/96	94
	Standby heat loss	kW/l/day	0.00098	0.00115	0.00122	0.00128
<b>ErP</b>	NO <sub>x</sub> emission (0% O <sub>2</sub> )	mg/kWh	40	40	55	40
	ErP efficiency rating		A	A	A	A
	Noise Level*	dBA	51	51	51	51
<b>Gas data</b>	Gas flow rate	m <sup>3</sup> /hr	5.43	6.82	7.92	9.91
	Supply pressure	mbar	20	20	20	20
<b>Water</b>	Storage capacity	litre	380	380	380	380
	Recovery rate through 50°C Δt	litre/hr	980	1,220	1,400	1,660
	Recovery rate through 56°C Δt	litre/hr	874	1,087	1,211	1482
	Minimum working pressure	bar	0.8	0.8	0.8	0.8
	Maximum working pressure	bar	10	10	10	10
<b>Electical</b>	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
<b>Misc</b>	Weight full	kg	760	760	760	760
	Weight empty	kg	408	408	408	408
	Maximum flue runs (concentric)	m	16	16	16	16
	Maximum flue runs (conventional)	m	32	32	32	32
<b>Flue diameter</b>	Conventional	mm	100	100	100	100
	Concentric	mm	100/150	100/150	100/150	100/150
<b>Shipping</b>	Shipping width	mm	819	819	819	819
	Shipping depth	mm	889	889	889	889
	Shipping height	mm	2197	2197	2197	2197
	Shipping weight	kg	408	408	408	408
<b>Accessories</b>	Plinth (150mm, required for all ECOflo models**)		E923	E923	E923	E923
	Unvented system kit***		7703930	7703930	7703930	7703930
	LPG conversion kit		7697592	7697593	7697594	7763225
	BMS interface kit		n/a	n/a	n/a	B329
<b>Flues</b>	Horizontal flue kit		B343	B343	B343	B343
	Vertical flue kit		B345	B345	B345	B345
	1 metre cuttable flue length 100/150		5136159	5136159	5136159	5136159
	0.5 metre flue length 100/150		5136160	5136160	5136160	5136160
	87° bend 100/150		5136162	5136162	5136162	5136162
	45° bend 100/150		5136161	5136161	5136161	5136161
	Flat roof plate		E207	E207	E207	E207
	Angled roof plate		E208	E208	E208	E208
	Wall bracket		5136163	5136163	5136163	5136163
	Siphon kit c/w condensate trap		5136164	5136164	5136164	5136164
	Locking clamp		5136165	5136165	5136165	5136165
	Ø100mm flue seal		5136166	5136166	5136166	5136166



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