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ECO-KING INDIRECT TANKS

European quality and superior performance at a great price



► NOW BLACK JACKET. EXACT SAME GREAT TANK, NEW COLOUR.

► **316L stainless steel tank and heat exchanger**

Superior corrosion resistance when comparing to major competitor tanks.

► **Limited Lifetime Warranty**

Piece of mind with a great warranty, 7 years commercial warranty

► **Superior Performance**

Large diameter and long length coil ensure high domestic hot water production. An installed temperature sensor for easy boiler control

► **Outstanding R18 insulation**

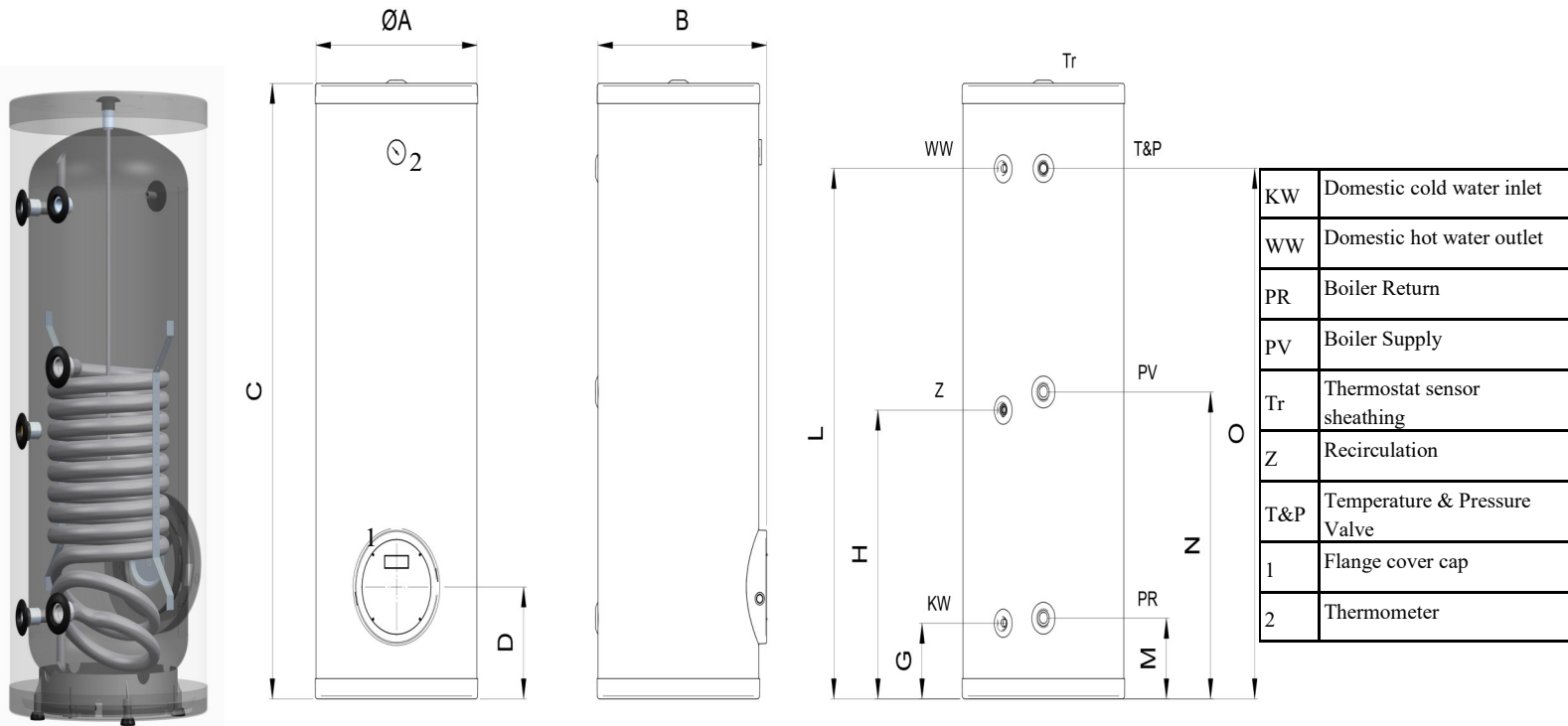
Half degree an hour heat loss! Spray foam insulation, not styrofoam

► **Dedicated recirculation tapping**

Saves time during install. An aquastat can also be placed here

► **Variety of sizes and models**

Sizes in single or double coil, and solely storage tanks ranging from 32 to 132 usg. Levelling Legs included



Single Coil

Model	Capacity	Heat Exchange Surface	Power (Δt 35°C / 95°F)	D.H.W. production (Δt 35°C)**	Heating time (Δt 35°C / 95°F)**	Heat Loss 65°C	Primary Coil Flow Rate	Flow Resistance	Coil volume	First Hour Rating***
	L / usg	ft²	BTU	usg/h	min	BTU/24h	usg/h	Psi	usg	usg
EK 32	120 / 32	6.46	92124	175	11	5118	528	1.66	1.4	126
EK 42	160 / 42	8.61	124538	237	11	5800	528	1.70	1.8	203
EK 52	200 / 52	10.76	138186	263	13	6824	528	2.58	2.3	263
EK 80	300 / 79	15.07	201308	386	13	8188	793	2.03	3.1	366
EK 106	400 / 106	21.35	276372	525	13	9553	793	2.65	3.8	503
EK 136	500 / 132	25.83	310492	589	14	11259	793	3.40	4.6	

Model	Max. op temp	Max. op pressure	Coil Diam.	KW/ WW	Z	PR/PV	T&P fitting	Net weight	A	B	C	D	G	H	L / O	M	N
	°C / °F	psi	in.	in.	in.	in.	in.	lbs	in.	in.	in.	in.	in.	in.	in.	in.	in.
EK 32	95 / 203	145	1 1/4"	3/4"	3/4"	1"	3/4"	88	21.65	22.48	38.87	10.91	7.36	17.6	28.07	7.87	24.06
EK 42	95 / 203	145	1 1/4"	3/4"	3/4"	1"	3/4"	95	21.65	22.48	46.22	10.91	7.36	21.26	37.87	7.87	25.98
EK 52	95 / 203	145	1 1/4"	3/4"	3/4"	1"	3/4"	112	21/24*	22.5	60/51*	10.91	7.4/7.7*	28.1/23.6*	51.7/41.2*	7.87	29.9/30.1*
EK 80	95 / 203	145	1 1/4"	1"	1"	1"	3/4"	191	25.59	26.57	60	14.25	8.82	31.46	50.35	10.39	33.23
EK 106	95 / 203	145	1 1/4"	2"	1"	1"	3/4"	205	29.72	30.87	60	15.24	9.88	29.57	48.66	14.21	41.38
EK 136	95 / 203	145	1 1/4"	2"	1"	1"	3/4"	242	29.72	30.87	70.15	15.24	9.88	34.49	59.09	14.21	44.92

Note:
 * First number is slim line tanks measurement, second number is regular indirect measurements (province of BC only)

**Primary circuit temp 80°C (176°F)

*** Based on Gamma Test using 180°F primary circuit temp. First hour rating equals first draw plus continuous draw.



KW	Domestic cold water inlet
WW	Domestic hot water outlet
PR1	Boiler Return (solar)
PV1	Boiler Supply (solar)
PR2	2nd Boiler Return
PV2	2nd Boiler Supply
Tr	Thermostat sensor sheathing
Z	Recirculation
T&P	Temperature & Pressure Valve
1	Flange cover cap
2	Thermometer

Double Coil

Model	Capacity	Coil Position	Heat Exchange Surface	Power (Δt 35°C / 95°F)*	D.H.W. production (Δt 35°C)*	Heating time (Δt 35°C / 95°F)*	Flow resistance	Coil Volume	Primary Coil Flow Rate	Heat Loss 65°C	First Hour Rating**
	L / usg	Top/bot.	ft ²	BTU	usg/h	min	psi	L / usg	usg/h	BTU/24h	usg
EK 80 / 2	300 / 79	Top	8.61	139,993	221	19	1.89	6.5 / 1.7	774	8189	543
		Bottom	13.99	201,367	386	13	2.03	10.8 / 2.8			
EK 106 / 2	400 / 106	Top	8.61	139,993	221	25	1.89	6.7 / 1.8	774	9554	757
		Bottom	17.22	221,845	424	16	2.13	13.4 / 3.5			
EK 132 / 2	500 / 132	Top	8.61	139,993	221	31	1.89	6.7 / 1.8	774	11260	796
		Bottom	22.60	276,453	525	16	2.65	17.4 / 4.6			

Model	Max. op temp	Max. op pressure	All fittings / T&P fitting	Net Weight	A	B	C	D	G	H	L / Q	M	N	O	P
	°C / °F	psi	***in.	Kg / lbs	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
EK 80 / 2	95 / 203	145	1" / 3/4"	93 / 205	25.6	26.57	60	14.25	8.82	31.45	50.35	14.13	30.67	38	46.73
EK 106 / 2	95 / 203	145	1" / 3/4"	100 / 220	29.7	30.87	60	15.23	9.88	29.57	48.66	14.92	31.46	37.76	45.04
EK 132 / 2	95 / 203	145	1" / 3/4"	114 / 251	29.7	30.87	70	15.23	9.88	34.49	59.09	15.2	36.06	47.09	54.37

Note:

*Primary circuit temp 80°C (176°F)

** Based on Gamma Test using 180°F primary circuit temp. First hour rating equals first draw plus continuous draw

*Secondary circuit temp 10 / 45°C (50 / 113°F)

*** EK 106/2 & EK 132/2 have 2" WW & KW Fittings

**NOW INTRODUCING ECO KING STAINLESS STEEL
STORAGE TANKS**

Same quality 316L stainless steel as our Indirect Tanks and same tank layout except there is no internal heat exchanger. Available in 120, 200, 300, 400 and 500L sizes. Check our website for more information on these storage tanks. Comes with re-circulation port that can also be used for an extra tapping. Limited Lifetime Warranty!

Model	Max. op temp	Max. op pressure	T&P, Re-Circ	DHW cold and hot	Net Weight
	°C / °F	psi	in.	In.	Kg / lbs
EK 80 NC	95 / 203	145	1" / 3/4"	2"	93 / 205
EK 106 NC	95 / 203	145	1" / 3/4"	2"	100 / 220
Ek 132 NC	95 / 203	145	1" / 3/4"	2"	114 / 251

**ECO KING STAINLESS STEEL
CRAWL SPACE TANK 60USG**

Stainless Steel indirect single coil tank. Grey colour. Perfect to fit in locations where height restrictions occur, such as crawl space.

The TT 60 Crawl Space tank by Eco King provides plenty of hot water in a small space. Backed by our superior warranty!

Model	Capacity & Weight	1st Hour Rating at 180F supply water	Power Required BTU/HR	Continuous Delivery @ 180F water supply	Heating time (Δt 95°F)	Flow Rate Required gpm	Width	Height
TT60 CRAWL	60usg 90 lbs.	216 usg	129,000	185 usg	17	10	29	39.5

DISTRIBUTED BY:

King Heating Products Inc.
103-2567 192 St
Surrey, BC V3S 3X1
604-385-3265

www.kingheatingproducts.com