

DOMESTIC HOT WATER TANKS

with one heat exchanger

160 L to 500 L

CLASS B

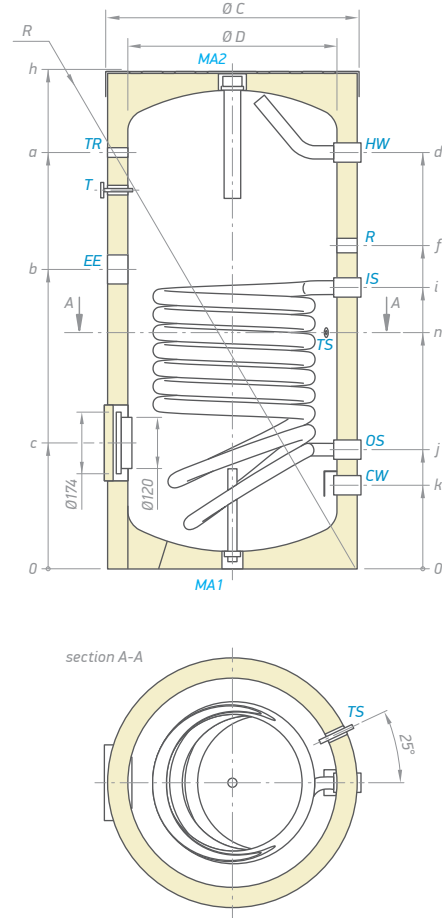
CLASS C



MODEL		TESY EV 9 S 160 60	TESY EV 9 S 200 60	TESY EV 12 S 300 65	TESY EV 11 S 400 75	TESY EV 15 S 500 75
Art.number	Nº	301408	301409	301394	301392	301395
Capacity	L	155	195	283	394	480
Net weight	kg	56	62	91	117	139
Insulation	mm	50	50	50	50	50
Heat exchanger surface S1	m²	0,96	0,96	1,45	1,65	2,25
Heat exchanger capacity S1	L	5,80	5,80	8,80	10,00	13,70
Heat losses ΔT45K	W	51	59	68	91	95
Energy efficiency class		B	B	B	C	C
Maximum operational temperature	°C	95	95	95	95	95
Maximum operational temperature of heat exchanger	°C	110	110	110	110	110
Rated pressure	bar	8	8	8	8	8
Rated pressure of the heat exchanger	bar	6	6	6	6	6
Heat exchanger reheat performance P at flow rate of primary side (S1) Coil 80º	kW (l/min)	20.3 (16.6)	24.0 (20.8)	30 (25.0)	34.5 (29.2)	44.5 (29.2)
V40 -hot water delivered with a temperature of at least 40 °C (S1) Coil 80º	L	203	346	435	597	685
Reheat time 10-60°C* rate at primary side (S1) Coil 80º	min (l/min)	20.8 (16.6)	29 (20.8)	30 (25.0)	35 (29.2)	33 (29.2)
Coil Pressure drop at flow rate m³/h (S1)	mBar (l/min)	14.5 (16.6)	31.0 (20.8)	62 (25.0)	114.4 (29.2)	103.2 (29.2)

* 10°C - cold water temperature, 60°C - hot water temperature (domestic water)

Domestic hot water tanks | with one heat exchanger | 160 L to 500 L



MODELS	TESY EV 9 S 160 60	TESY EV 9 S 200 60	TESY EV 12 S 300 65	TESY EV 11 S 400 75	TESY EV 15 S 500 75
CW	cold water inlet	G1	G1	G1	G1
HW	hot water outlet	G1	G1	G1	G1
IS1	heat exchanger inlet	G1	G1	G1	G1
OS1	heat exchanger outlet	G1	G1	G1	G1
R	recirculation	G3/4	G3/4	G3/4	G3/4
T	thermometer	Ø 14x1.5	Ø 14x1.5	Ø 14x1.5	Ø 14x1.5
TR	opening for thermoregulator	G1/2	G1/2	G1/2	G1/2
TS1	thermo pocket level 1	G1/2	G1/2	G1/2	G1/2
EE	opening for electric element	G1 1/2	G1 1/2	G1 1/2	G1 1/2
MA1	magnesium anode 1	G3/4	G3/4	G3/4	G3/4
MA2	magnesium anode 2	G1 1/2	G1 1/2	G1 1/2	G1 1/2

Thread designations according to EN ISO 228-1/

Dimensions ±5mm		TESY EV 9 S 160 60	TESY EV 9 S 200 60	TESY EV 12 S 300 65	TESY EV 11 S 400 75	TESY EV 15 S 500 75
h	mm	1007	1202	1422	1407	1677
a	mm	788	996	1209	1158	1450
b	mm	316	727	858	815	998
c	mm	316	316	316	333	326
d	mm	788	996	1209	1158	1448
f	mm	600	774	1009	945	1201
i	mm	674	674	804	775	946
j	mm	289	287	288	303	301
k	mm	202	202	205	222	215
n	mm	362	566	654	425	752
R	mm	1175	1343	1565	1596	1835
ØC	mm	600	600	650	750	750
ØD	mm	500	500	550	650	650

EXAMPLE OF INSTALLATION AND CONNECTION

