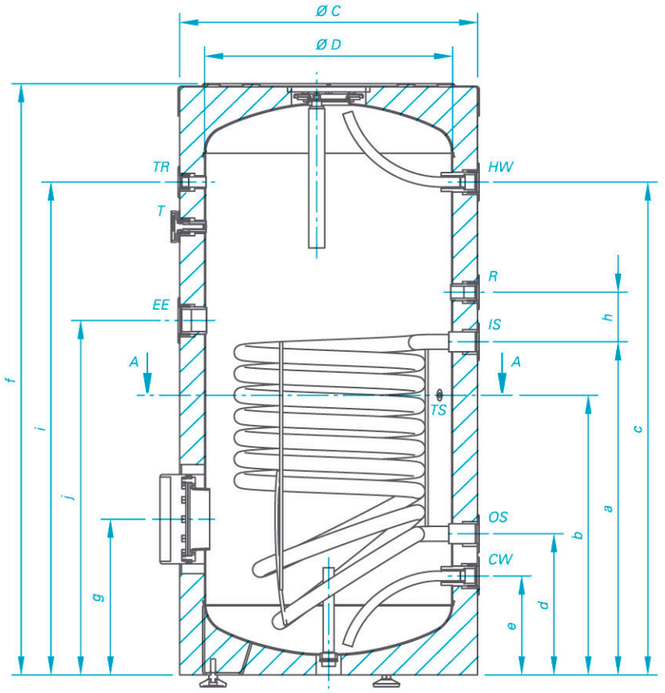
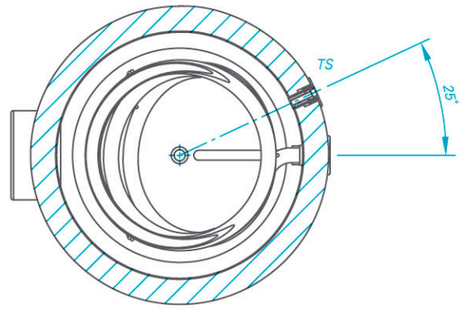
Indirect heated storage water heaters with one heat exchanger

Dimensions [mm, ±5]

a [mm]	671	804	944
b [mm]	564	653	750
c [mm]	993	1207	1448
d [mm]	284	288	299
e [mm]	199	203	214
f [mm]	1200	1420	1674
g [mm]	314	314	324
h [mm]	100	206	255
i [mm]	993	1207	1448
j [mm]	714	846	986
Ø C [mm]	600	650	750
Ø D [mm]	500	550	650

MODEL		TESY EV 9S 200 60 F40 TP	TESY EV 12S 300 65 F41 TP	TESY EV 15S 500 75 F42 TP
Art. number	№	3201	3202	3203
Capacity	l	200	300	500
Insulation (Rigid PU)	mm	50	50	50
Heat exchanger surface S1	m²	0.96	1.45	2.25
Heat exchanger surface S2	m²	-	-	-
Heat exchanger capacity S1	l	5.8	8.8	13.7
Heat exchanger capacity S2	l	-	-	-
Exchanged power in continuous mode (max coil output) S1 *60-80˚C / 70-90˚C	kW	32/40	40/53	61/73
Exchanged power in continuous mode (max coil output) S2 *60-80˚C / 70-90˚C	kW	-	-	-
Continuous flow rate of DHW at ΔT 35˚C (S1) *60-80˚C / 70-90˚C	l/h	768/955	882/1248	1500/1795
Continuous flow rate of DHW at ΔT 35˚C (S2) *60-80˚C / 70-90˚C	l/h	-	-	-
Maximum quantity of drawn off water MIX 45˚C (**15-60˚C) Power input cut off (S1)	l	240	330	553
Maximum quantity of drawn off water MIX 45˚C (**15-60˚C) Power input cut off (S2)	l	-	-	-
Heat losses ΔT 45K	kWh/24h	2.5	2.7	2.9
Maximum operational temperature	˚C	95	95	95
Rated pressure of the water tank	bar	8	8	8
Rated pressure of the heat exchanger	bar	6	6	6
NL factor S1		4.3	8.1	19
NL factor S2		-	-	-
Minimum time of heating S1 *80˚C-**15/60˚C	min	38	40	41
Minimum time of heating S2 *80˚C-**15/60˚C	min	-	-	-
Thermo pocket	pieces	1	1	1





SECTION A-A

CW - cold water inlet, G 1"- female
HW - hot water outlet, G 1"- female
IS - solar installation flow, G 1"- female
OS - solar installation return, G 1"-female
TS - thermosensor, G 1/2"- female
R - recirculation, G 3/4" - female
EE - opening for electrical element, G 1 1/2"- female
T - external thermometer, G 1/2" - female
TR - opening for thermoregulator, G 1/2"- female

▶ * - outlet - inlet temperature of the heat transfer fluid
▶ ** - 15 - cold water temperature, 60 - hot water temperature (domestic water)