EU DECLARATION OF CONFORMITY

According to EN ISO 17050-1:2010

Object of the declaration:

Products	*INDIRECTLY HEATED (CLOSED) STORAGE WATER TANKS*
Model / type:	*See attached table "A"*

Manufacturer:

Manufacturer's Name:	*TESY Ltd*
Manufacturer's Address:	*Madara Blvd. 48, BG9701 Shumen; Bulgaria*

This declaration is issued under sole responsibility of the manufacturer.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation.
Conformity is shown by compliance with the applicable requirements of the following documents (Conforms with the following product standards):

Reference:	Type:
2009/125/EC	DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products
No 814/2013	COMMISSION REGULATION (EU) No 814/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for water heaters and hot water storage tanks
No 2017/1369	REGULATION (EU) 2017/1369 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2017 setting a framework for energy labelling and repealing Directive 2010/30/EU
No 812/2013	COMMISSION DELEGATED REGULATION (EU) No 812/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device
EN 12897:2016	"Water supply – specification for indirectly heated unvented (closed) storage water heaters"
DIN 4753	„Wasserwärmer und Wasserewärmungsanlagen für Trink- und Betriebswasser

and are designed according to the following technical rules:

Referance:	**Type:**
AD 2000-Merkblatt B0	„Druckbehälter unter Innendruck"
AD 2000-Merkblatt B1	„Zylinder- und Kugelschalen unter innerem Überdruck"
AD 2000-Merkblatt B3	„Gewölbte Boden unter innerem und äußerem Überdruck"
AD 2000-Merkblatt B9	„Ausschnitte in Zylindern, Kegeln und Kugeln"

The products were tested in a typical configuration with TESY Ltd test systems in accordance with:

Referance:	**Type:**
EN 12897:2016	Water supply – specification for indirectly heated unvented (closed) storage water heaters
Annex A	Hot water safety and performance test
Annex B	Standing heat loss measurement

This DoC applies to above-listed products placed on the EU market after January 2020:

Date: 28 September 2020

Eng. D. Dimitrov

Head of R&D -" Heating Appliances and Professional Techniques"

Table “A”

Table “A”:Heat insulation	Design pressure	Heat exchanger	Model:
Rigid PU insulation	3 Bars	Without heat exchanger	V 50 40; V80 46 VH 100 55 AC; V 100 55 ACF; V 100 55 ACF PS; V 160 60 AC; V 160 60 ACF; V 160 60 ACF PS; V 200 60 AC; V 200 60 ACF; V 200 60 ACF PS; V 200 60 F40 P4; V 300 65 F41 P4; V 400 75 F42 P4; V 500 75 F42 P4;
		One heat exchanger	V 9S 200 60; V 12S 300 65 F41 P4; V 11S 400 75 F42 P5; V 15S 500 75 F42 P5;
		Two heat exchangers	V 11/5 S2 400 75 F42 P6; V 15/7 S2 500 75 F42 P6;
	3/10 Bars “Hygienic” buffers	Without heat exchanger	V 500 75 HYG 5.0;

Removable insulation	3 Bars	Without heat exchanger	V 800 95 F43 P4 C; V 1000 95 C; V 1500 120 F45 P4 C; V 2000 130 F46 P4 C;
		One heat exchanger	V 12 S 800 95 F43 P5 C; V 15 S 1000 95 C; V 12 S 1500 120 F45 P5 C; V 15 S 2000 130 F46 P5 C;
		Two heat exchangers	V 12/9 S2 800 95 F43 P6 C; V 15/9 S2 1000 95 C; V 12/8 S2 1500 120 F45 P6 C; V 15/9 S2 2000 130 F46 P6 C;
	3/10 Bars “Hygienic” buffers	Without heat exchanger	V 800 95 HYG 5.5 HE C; V 1000 95 HYG 5.5 HE C;
		One heat exchanger	V 11 S 500 75 HYG 5.0 V 10 S 800 95 HYG 5.5 HE C; V 10 S 1000 95 HYG 5.5 HE C
		Two heat exchangers	V 12/6 S2 800 95 HYG 5.5 HE C; V 10/9 S2 1000 95 HYG 5.5 HE C;
	3/10 Bars “Tank in Tank” buffers	Without heat exchanger	V 600 81 EV 150 40 C; V 800 95 EV 200 45 C; V 1000 95 EV 200 45 C; V 1500 120 EV 300 55 C;
		One heat exchanger	V 15 S 600 81 EV 150 40 C; V 12 S 800 95 EV 200 45 C; V 15 S 1000 95 EV 200 45 C; V 12 S 1500 120 EV 300 55 C;
		Two heat exchangers	V 15/7 S2 600 81 EV 150 40 C; V 12/9 S2 800 95 EV 200 45 C; V 15/9 S2 1000 95 EV 200 45 C; V 12/8 S2 1500 120 EV 300 55 C;