



CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality
hereby attests that the product(s)

Solar Collector

(Details as per the attached Scope of Certification)
manufactured by:

THERMYK [THERMIC] single member Limited Liability Company

Thesi Kapsala Loutsas & Mesologgiou Mandra, P.C.: 19600, Greece

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

BS EN 12975-1:2006 +A1: 2010

Accordingly, DCLD hereby authorizes the above manufacturer
to affix the DCL Product Conformity Mark on the above-mentioned product(s).

For/ ENG. MAJED AL SHAMSI

Certification and Quality Control of Products Section's Manager
Dubai Central Laboratory Department-Dubai Municipality



Certificate No: CL25020991
Valid Until: 30/07/2026



Current Issue Date: 31/07/2025
Original Issue Date: 31/07/2025



The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate.
This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

DUBAI CENTRAL LABORATORY DEPARTMENT DCLD-CQPS PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION FOR CERTIFICATE NO. CL25020991

Certificate Issued To:	THERMYK [THERMIC] single member Limited Liability Company Thesi Kapsala Loutsas & Mesologgiou Mandra, P.C.: 19600, Greece
Applicable Standard Specification:	BS EN 12975-1:2006 +A1: 2010 – Thermal solar systems and components – Solar Collectors – Part 1: General requirements.
Applicable Specific Rules:	DM-DCLD-RD-DP21-2178 (IC) – Certification of Solar Collectors as per BS EN 12975-1: 2006 A1: 2010 DM-DCLD-RD-DP21-2084 (IC) – Guidelines for Factory Production control Plan for Solar Collector and SWHS

S/N	PRODUCT DESCRIPTION	BRAND NAME(S) / MODEL(S)	PRODUCT DETAILS
1.	FLAT PANEL TYPE SOLAR COLLECTOR Absorber Materials: Aluminum Absorber Fins (Blue absorber-selective) laser welded into copper tubes; Tempered, Mislite, Low Iron Glass 3.2 mm thickness top cover; Glasswool thermal insulation with density of 20 kg/m³, thermal conductivity of 0.035 W/(m.K) and thickness of 30mm for back insulation; And Glasswool thermal insulation with density of 60 kg/m³, thermal conductivity of 0.034 W/(m.K)	THERMIC DELTA 3.0	Overall area of 2.92 m²; absorber area of 2.68 m²; Gross dimensions: 2006 x 1457 x 85 mm; Weight (dry & packed): 37.98 kg; Absorber volume capacity: 1.93 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers - 8 x 0.4mm Number of risers in vertical position is 12; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position

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	and thickness of 15mm for side insulation; Frame structure made of Anodized Aluminium with 1mm thickness and 0.4 Aluminium back cover; Double sided tape, silicone, EPDM sealing materials; Anti-freeze (Propylene Glycol) & water mixture		
		THERMIC DELTA 2.7	Overall area of 2.67 m²; absorber area of 2.38 m²; Gross dimensions: 2261 x 1183 x 85 mm; Weight (dry & packed): 34.96 kg; Absorber volume capacity: 1.7 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 10; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position
		THERMIC DELTA 2.5	Overall area of 2.52 m²; absorber area of 2.30 m²; Gross dimensions: 2006 x 1257 x 85 mm; Weight (dry & packed): 33.09 kg; Absorber volume capacity: 1.72 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 11 Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position

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		THERMIC DELTA 2.25	Overall area of 2.24 m²; absorber area of 1.98 m²; Gross dimensions: 1893 x 1183 x 85 mm; Weight (dry & packed): 29.60 kg; Absorber volume capacity: 1.55 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 10; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position
		THERMIC DELTA 2.0	Overall area of 2.02 m²; absorber area of 1.81 m²; Gross dimensions: 2006 x 1007 x 85 mm; Weight (dry & packed): 26.76 kg; Absorber volume capacity: 1.32 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 8; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position

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		THERMIC DELTA 2.0H	Overall area of 1.96 m²; absorber area of 1.73 m²; Gross dimensions: 1503 x 1305 x 85 mm; Weight (dry & packed): 26.22 kg; Absorber volume capacity: 1.54 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 11; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position
		THERMIC DELTA 1.7	Overall area of 1.68 m²; absorber area of 1.48 m²; Gross dimensions: 1420 x 1183 x 85 mm; Weight (dry & packed): 22.86 kg; Absorber volume capacity: 1.36 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers – 8 x 0.4mm Number of risers in vertical position is 10; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position

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		THERMIC DELTA 1.5	Overall area of 1.51 m²; absorber area of 1.35 m²; Gross dimensions: 1503 x 1007 x 85 mm; Weight (dry & packed): 20.59 kg; Absorber volume capacity: 1.16 Liters Absorber pipe dimensions: Header - 22 x 0.7mm and Risers - 8 x 0.4mm Number of risers in vertical position is 8; Maximum operating pressure is 10 bars; Maximum stagnation temperature is 230 °C; Vertical position
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- NOTE 1: This document forms an integral part of the Certificate of Product Conformity bearing the same certificate number.
- NOTE 2: The above product shall bear the DCLD Conformity Mark.
- NOTE 3: As applicable, other properties in the product standard specification which were excluded in the specific rules as approved by the certification body authorized personnel are to be verified by the end user of the product (if needed).

Original Issue Date : 31 July 2025

Current Issue Date : 31 July 2025

Valid Until : 30 July 2026



For/ **ENG. MAJED AL SHAMSI**

CERTIFICATION AND QUALITY CONTROL OF PRODUCTS SECTION'S MANAGER