



STANDARD OF REFERENCE: EN 60335-1 - EN 50106
2011/65/UE - 2015/863/UE - RoHS3

WORKING ENVIRONMENT: AIR
MINIMUM WORKING TEMPERATURE: -40°C
MAXIMUM WORKING TEMPERATURE: +150°C
MAXIMUM TEMPERATURE (SHORT TERM): ---
THERMAL CONTROL / SAFETY THERMOSTAT: RECOMMENDED

ELEMENT IP DEGREE: IP64
SUPPLY VOLTAGE: AC / DC to be verified for thermal controls
FREQUENCY: 50/60 Hz (AC)
SUPPLY VOLTAGE TOLERANCE: ±10%

Warning notes:

- Do not deform/crease the element.
- Do not alterate the surface by mean of abrasive and/or aggressive chemical substances.
- Do not bend the electrical connection terminals.
- Avoid contact of cables with sharp edges.
- The power cables should not be subjected to bends tighter than 4 x their diameter.
- Ensure the direction, intensity, fluid contact / body heat exchange.
- The element must not operate in water or in other liquids.
- The element is not ATEX approved, so it must not operate in explosive atmosphere.**

How to apply adhesive heaters to a surface

- Application should be made with an ambient temperature between 15 and 30 degrees C and humidity in the range of 30%-70%.
- The surface must be clean and dry. Clean the surface with clean and soft cloth using a mild solvent compatible with the materials (e.g. alcohols). The compatibility between solvent and surface should first be tested on a small area.
- A pressure of 10-15 N/cm² should be used to apply the heater to the surface. Pay attention not to form air bubbles between the heater and the surface.
- Once the adhesive heaters is applied wait 24 hours for the proper curing of the adhesive.

NOTES ONLY FOR UL APPROVED VERSION
SEDES UL FILE NO.: E234473
STANDARDS FOR SAFETY: UL 499
CSA/CSA C22.2 No. 72-10

UL

The suitability of the mounting means, the bonding systems, any thermal controls (regulating and limiting), any temperature sensors, any fittings and accessories provided external to the basic heater construction shall be evaluated by UL in the end use application.

CUSTOMER APPROVAL
Date _____ Customer Stamp and Signature of person in charge _____

The drawing must be verified carefully by the customer in all its parts. Adequate tests have to be carried out by the customer in order to verify the suitability of the product in the final application. In the absence of feed back, the project will be considered as corresponding to the expectations.

***WARNING: due to the high specific power of the heating element a thermal control must be implemented.**



Modification	Description	Date	Signature
	Denomination ULTRAFLAT HEATING ELEMENT		Drawing no. SEE TAB.
	Applicability		Scale 1:2
Date 08/06/17	Draw RB	Material	Product approval CE - UL
Date	Appr.	Customer	Customer part no. SEE TAB.

01	SRM-140X75-250W-DUALV	115/230	250 +20W -10%	3*					
	CUSTOMER part no.	VOLT	WATT (20°C)	W/cm²					