

TECHNICAL DATA SHEET

HEATING PANEL FOR ANIMALS



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Omeoterm Heating Panel for Animals is a **low-temperature infrared heating system** designed to provide deep, **uniform warmth to animals** in a safe and energy-efficient way. Developed in collaboration with our partner Probios, this solution is ideal not only for **livestock but also for domestic animals** such as dogs, offering a natural and comfortable thermal experience.

Unlike traditional infrared lamps, Omeoterm panels **do not emit visible light** and operate at a surface temperature of around 90 °C, significantly lower than the 180 °C typical of conventional lamps. Despite this, they are capable of **penetrating up to 3 cm into living tissue**, delivering effective and enveloping warmth. The heat generated is evenly distributed across a wide surface, creating a stable and natural sensation of warmth. The system reaches operating temperature in approximately 90 seconds and maintains thermal reactivity with remarkable consistency.

Its efficiency approaches 100%, as it converts electrical energy directly into far infrared radiation (FIR), ensuring excellent performance and low operating costs. Constructed with materials designed to mimic the behavior of an ideal radiant surface, Omeoterm panels are **easy to install, require no maintenance**, and pose a very low fire risk. Entirely designed and manufactured in Italy, Omeoterm panels represent a reliable, **long-lasting, and safe heating solution** for animal welfare.

SIZE mm	OUTPUT (W)	AMPERE 120 VAC	AMPERE 230 VAC	SURFACE TEMP. (C°)	WEIGHT Kg	RADIATION AREA (cm²)
600x300x30	130	1.2 A	0.6 A	80-90 Room Temp. 20°C	2.2	2584
600x600x30	260	2.4 A	1.2 A	80-90 Room Temp. 20°C	4.5	4624
900x600x30	400	3.6 A	1.8 A	80-90 Room Temp. 20°C	5.6	6864

PROJECT REFERENCES

