

TECHNICAL DATA SHEET

HEATED SCREEN



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The **heated screen** is a self-supporting radiant barrier made of lightweight honeycomb polycarbonate that houses the heating element stiffened by a perimeter frame in aluminum for mechanical stability and durability; to increase thermal yield and improve heat spreading, the **polycarbonate panel** is covered on the radiant face by a thin **metallic sheet** that works as a heat-spreader.

Each **standard module measures 0.5 × 1.5 m** with a nominal power of 560 W, corresponding to a power density of approximately 750 W/m²; the minimum configuration of a screen is **two modules**, and the number of modules can be scaled according to the size of the work area and the comfort target, respecting the supply and protection sizing of the installation. At an ambient temperature of 20 °C, the nominal **surface temperature reaches about 90 °C**. The assembly can be supplied fully painted on request—both metallic cover sheet and aluminum frame—provided the finish is compatible with operating temperatures and optimized for emissivity to preserve radiant efficiency and aesthetic integration with the environment. Electrically, the architecture is organized around a **master panel** that provides the power entry point and, where required, the control and protection devices; the remaining modules connect to the master in a daisy-chain via **polarized male/female quick connectors** integrated at the panel edges, creating a neat plug-and-play backbone that simplifies installation, expansion, and maintenance.

SIZE mm	OUTPUT STANDARD (W)	SURFACE TEMPERATURE	MINIMUM MODULES	MAXIMUM MODULES
500x1500	560 W	90°C	2 PCS	4 PCS



CONNECTION BOX

PROJECT REFERENCES

