

Spout heater

Ø28mm

Uses

Introduced into spouts between two casting processes, the Spout heater homogeneously preheats the spout to 600°C. This preheating system specifically avoids aluminum freezing during continuous casting when starting a new slab.

Heating and sheath lengths are customizable depending on spout dimensions.

The 240mm x 28mm spout heater delivers 0.6kW from a single-phase 230V power source.

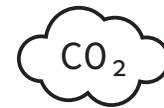
Advantages

The Spout heater enhances safety for both the equipment and the operators during casting of molten aluminum by homogeneously preheating the spout to 600°C.

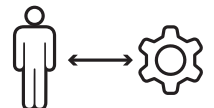
The heater is removed before the arrival of the molten metal, replaced by ceramic pins previously pre-heated in dedicated furnaces, to continue to prevent aluminum freezing.

Atherm's product line for vertical casting not only helps to improve your factory's production rate and reduces lost time between 2 castings, it also contributes to energy savings and decarbonization goals.

Atherm's thermal solutions are customizable. Our experts can help you to scale your project and to choose the solution that best meets your needs.



DECARBONIZATION



OPERATOR SAFETY



RELIABLE
PRODUCTION PROCESS

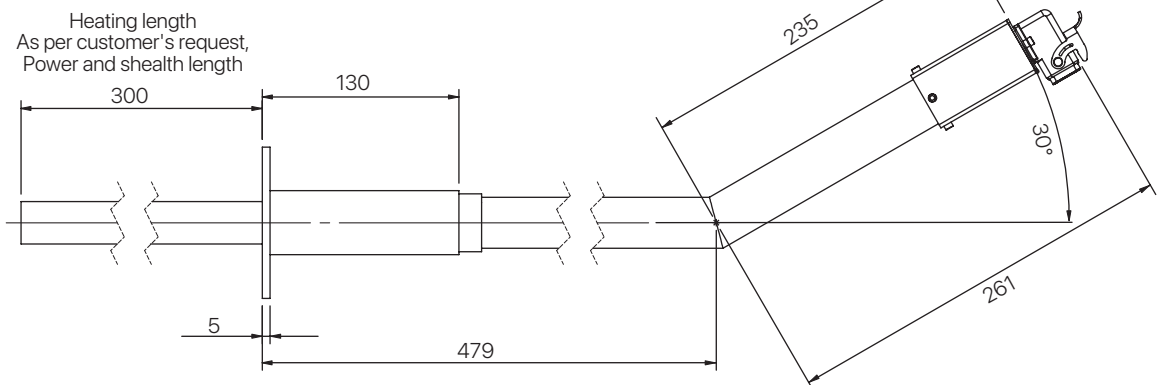


SHORT MAINTENANCE
TIME

Note

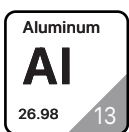
Sheath: Refractory stainless steel

Power supply: 0.6 or 0.7kW, no transformer needed



LENGTH UNDER FLANGE
300mm OR CUSTOM

HEATING LENGTH
240mm OR CUSTOM



Al and Aluminum alloys