

BAND HEATERS WITH BLOWER ASSEMBLY

- Ventilated band heaters are some heating units fitted with forced air blowers. This system enables a faster cooling of the scabbard.
Mostly used for extruders and press moulding machines, this technology allows efficient working of the resin and of the sensitive plastic materials, which need high and stable working temperatures.
- A ventilated band heaters assembly enables to prevent barrels from the self-overheating effect.
- The association between band heater and ventilation is a good answer to these requests :
 - quick heating process thanks to band heaters,
 - quick cooling thanks to the ventilation system by forced air heating, minimizing the thermal inertia of the scabbard.



Ceramic band heater with blower assembly

CHARACTERISTICS

- The frame made in polished or treated stainless steel consists of 2 halves cylinders connected by a hinge. This one will channel the air on the scabbard in order to optimize the cooling effect.
A security system maintains the frame on the scabbard to enable intervention without the risk that it separates from the scabbard .
- Band heaters are set up on a frame gathering the connections of band heaters.
(Number of band heaters depending on space).
- An intensive cooling effect generated by the forced air blowers and combined to a good thermal conductivity thanks to the dielectric insulator of the band h. will allow rapid elimination of calories.
- Ceramic or mica band heaters, according to the application.
- IP 40 band heater

The band heaters' clamping is made barrel nuts. The frame is closed by adjustable fasteners.

Connection : terminals under box, single or three phase voltage. Tangential or radial position, centered on the height of the ventilated assembly and fitted on the frame opening.

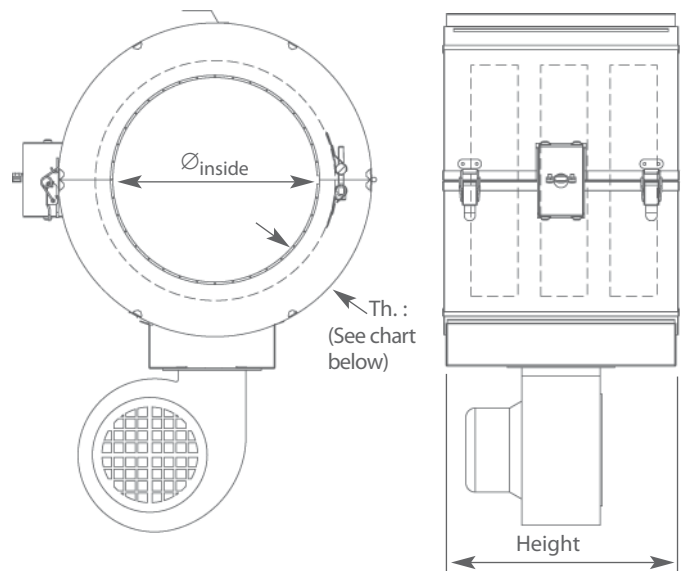
Products are made in accordance with the EN 60335-1 norm
Wattage tolerance : +5% -10%
Leakage current < 0.75 mA/kW.

OPTIONS

- To define your product, refer to p 18.
In order to protect users from eventual burning, an anti-burning sheath (also called open work sheath) can be installed in a band heater with blower assembly.

Band heaters with blower assembly, can be fitted with temperature regulating sensors. In this case a special boring should be foreseen. See option 2, p12.

DIMENSIONS



The dimensions of the fans cannot be mentioned because their bulk is particular to each application.

H : height of the band heater

Kind of band heater	Thickness
Ventilated ceramic band heater	30 mm
Ventilated ceramic band heater and anti-burning sheath	50 mm
Ventilated mica band heater	30 mm
Ventilated mica band heater and anti-burning sheath	50 mm

Dimensions without fan.

The manufacturing of "heaters with blower assembly", units are subjected to our approval, depending on power rating, current, sizes, terminations and accessories. Please, consult us..