

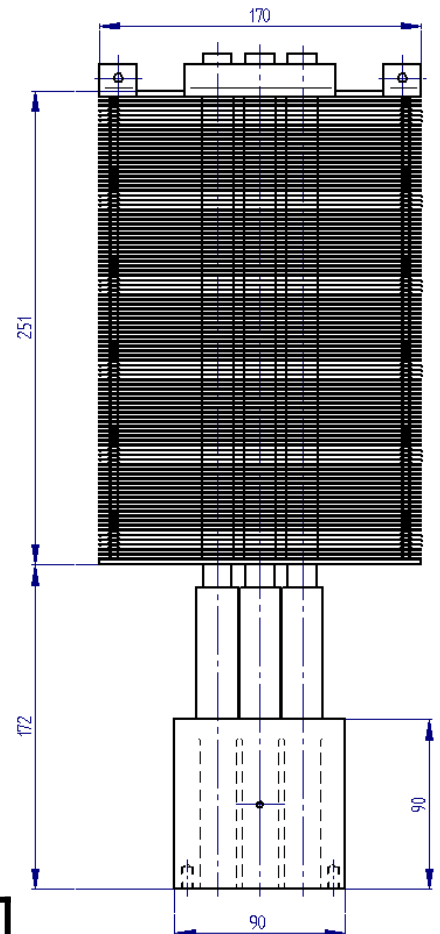
Insulated Heat Pipes system DIBONA

Dibona heat pipe system is an exchanger electrically insulated, dedicated to cool powerful IGBT or Diode type components which dissipate a lot of power.

This type of heat cooler offers the possibility to put components on both sides of the evaporator bloc. Assembly is generally realized with press-pack system,

Its dimensions can be modified according to constraints linked with the kind of ventilation (flow and pressure drop) and to space.

Forced air cooling is done perpendicularly to the largest face of condenser,



Power	700 W
Heat pipe	Water or Ethanol
Working temperature	-25°C to +50°C
Fins	Aluminium
Block	Aluminium
Rth	<75°C/kW with air T° at 20°C
Flow rate	2 to 4m/s
Electrical isolation	Up to 6kV, 50 Hz

