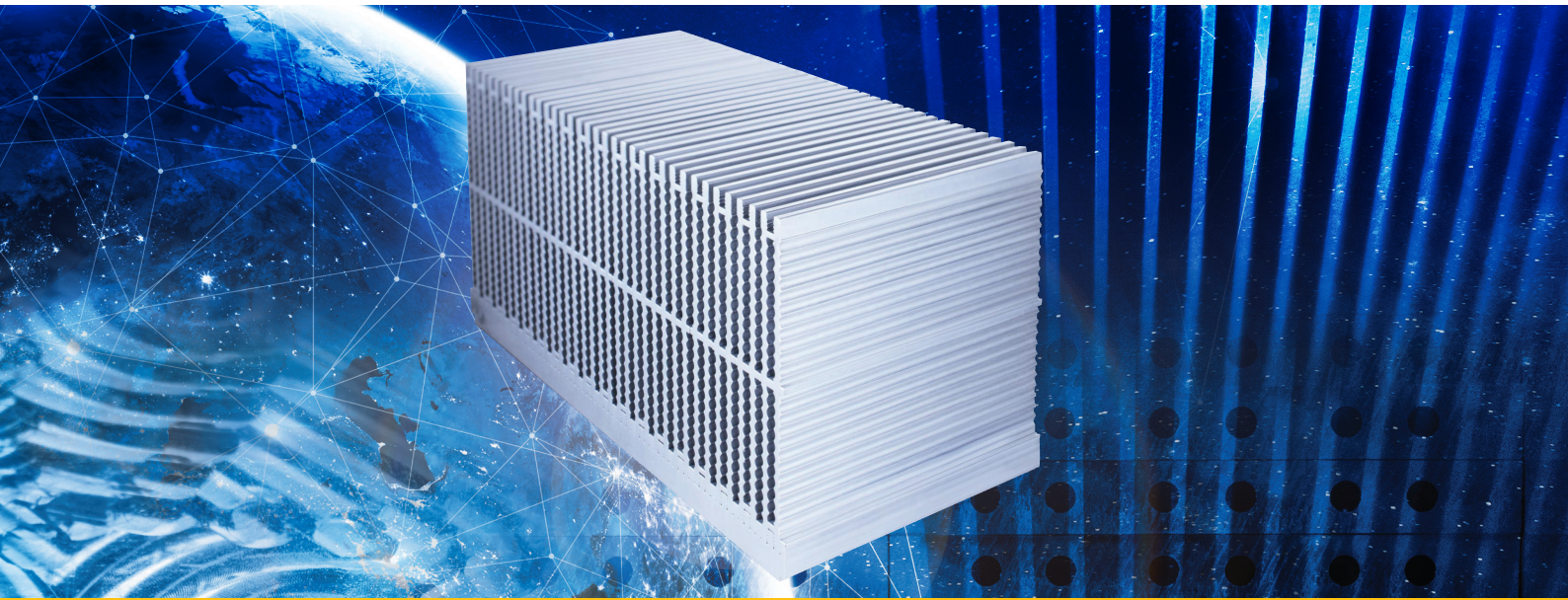


# AIR COOLING

## Series pressed fin PRE/PRD



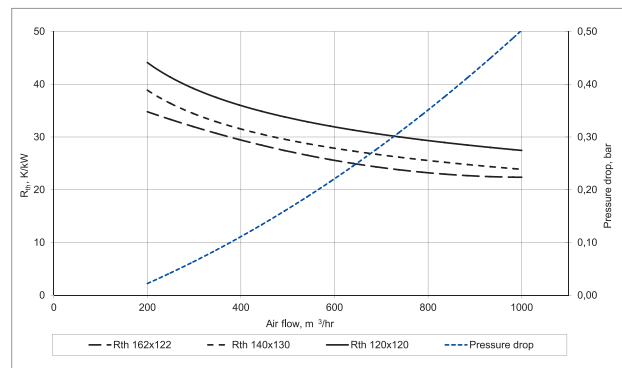
### Application

Pressed Heat Sink for efficient air cooling of IGBTs and resistors. Miba offers high performance customized solutions for all IGBT and resistor types available on the market.

### General Characteristics

In addition to the Bonded Fin Series BF Miba has developed a new heat sink concept Series PRE/PRD which is build equivalent to BF Series from two major components – the base section and the fin section. For Series PRE/PRD the fins will be assembled to the base plate by a cold welding process instead of using thermal conductive glue. This assembling process ensures lowest thermal resistance between the base plate and the fins and allows therefore a great heat transfer from the base plate to the fins.

Type	Width B mm	Length L max. mm	Height H mm	Base D1mm	Base D2 mm	Number of Fins
PRE 236-XXX-01	236,5	600	105	27	-	36
PRE 236-XXX-02	236,5	600	105	17	-	36
PRE 236-XXX-03	236,5	600	100	27	17	36
PRE 236-XXX-04	236,5	600	100	27	27	36
PRE 236-XXX-05	265	600	100	17	17	36
PRE 470-XXX-01	470	600	105	27	-	72
PRE 470-XXX-01	470	600	105	17	-	72
PRE 470-XXX-01	470	600	100	27	17	72
PRE 470-XXX-01	470	600	100	27	27	72
PRE 470-XXX-01	470	600	100	17	17	72



### Description

No. of modules: 1  
 Module size: different sizes  
 Power dissipation: 1000 [W/modul]  
 Thermocouple: Type K  
 Air inlet temperature: 25[°C]

### Drawing

