

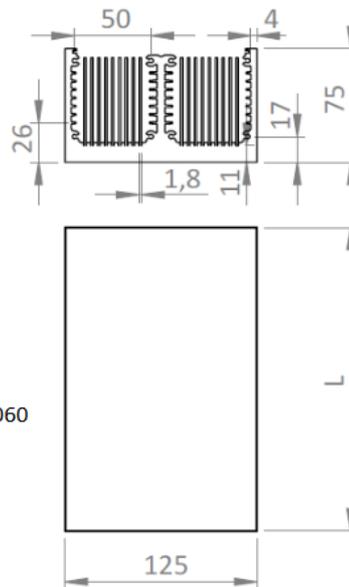
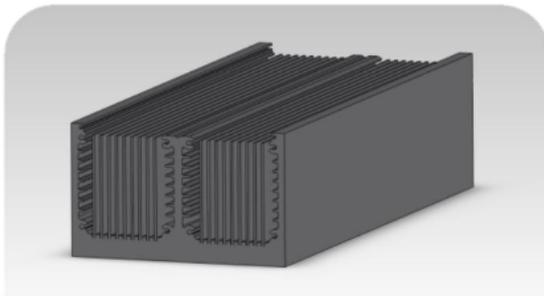


One step ahead in cooling!

PT HIGH SERIES PERFORMANCES (Examples)



1) PTHIGH (h=75 mm) from extruded baseplate RMRES0045



Materials:

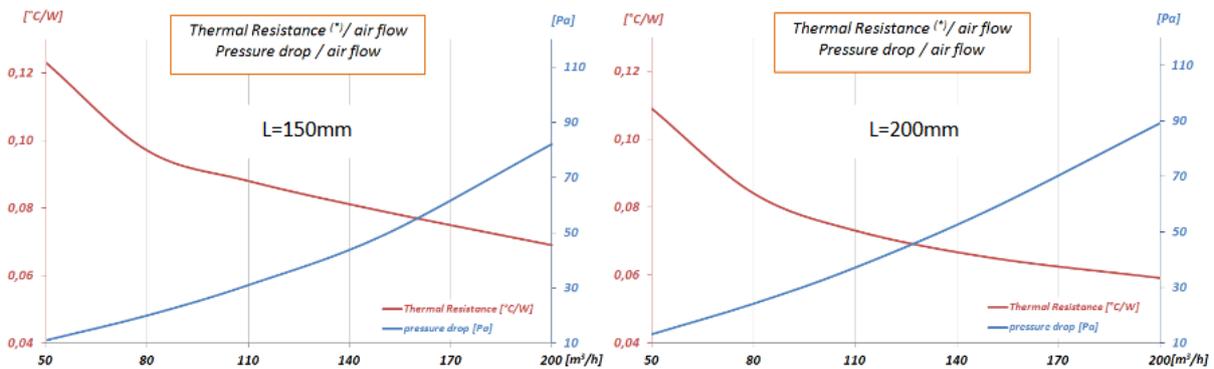
Fins: n° 18 ; thickness 1.5 mm; pitch =4.5 mm (Al EN AW1050)

Baseplate (+ n°3 extruded thicker fins) : Al Extruded alloy Al EN AW 6060

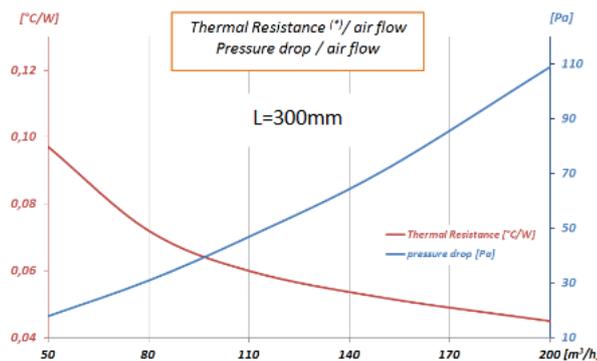
Working Conditions:

- T in = 40°C
- Pd = 300 W uniformly distributed
- fully ducted ventilation

(*) Thermal Resistance: max T_{HS} surface to T_{air IN} (@40°C)



Performances have been evaluated in function of different heat sink lengths "L" (see diagrams)



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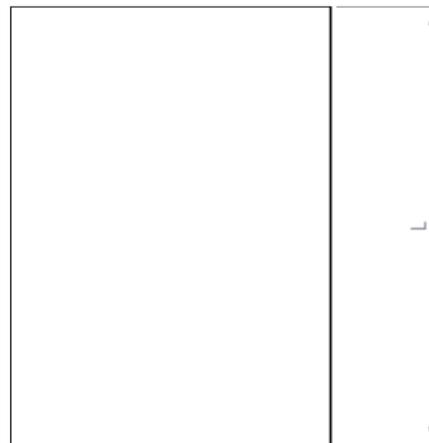
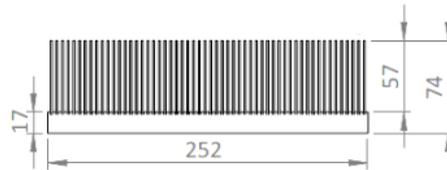
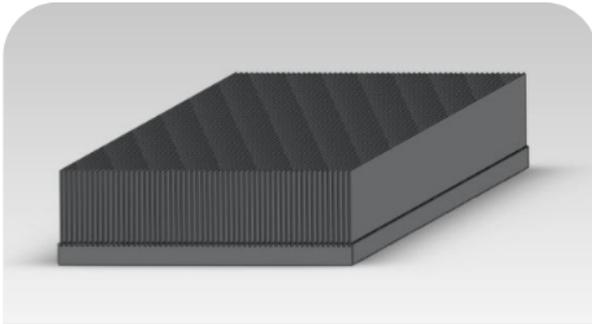


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PT HIGH SERIES PERFORMANCES (Examples)



2) PT HIGH (h=74 mm) from extruded baseplate RMRES0042



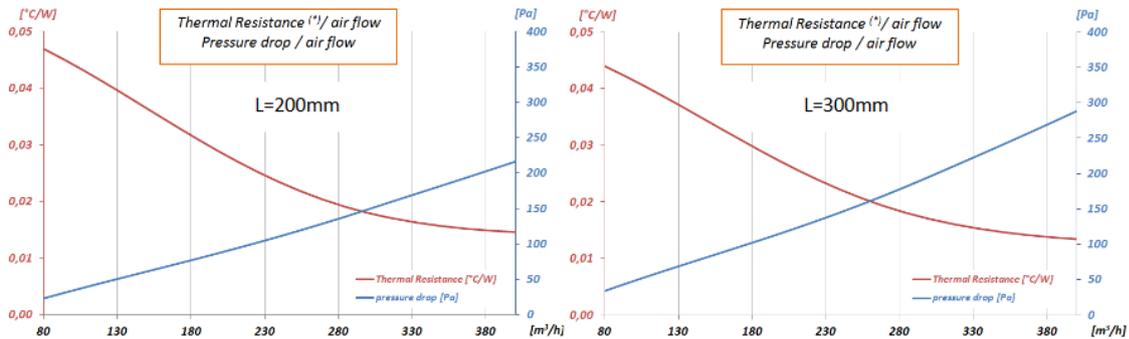
Materials:

Fins: n° 56 ; thickness 1.5 mm; pitch =4.5 mm (Al EN AW1050)
 Baseplate: Al Extruded alloy Al EN AW 6060

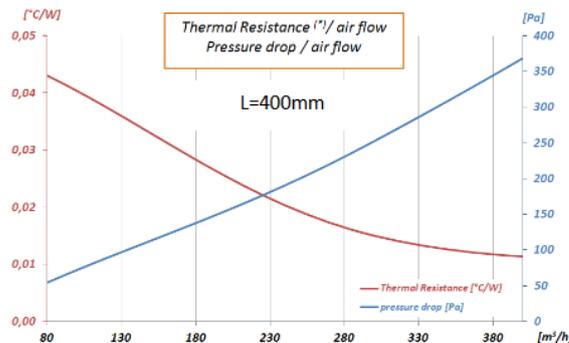
Working Conditions:

- T_{in} = 40°C
- Pd = 750 W uniformly distributed
- fully ducted ventilation

(* Thermal Resistance: max T_{HS} surface to T_{air IN} (@40°C)



Performances have been evaluated in function of different heat sink lengths "L" (see diagrams)



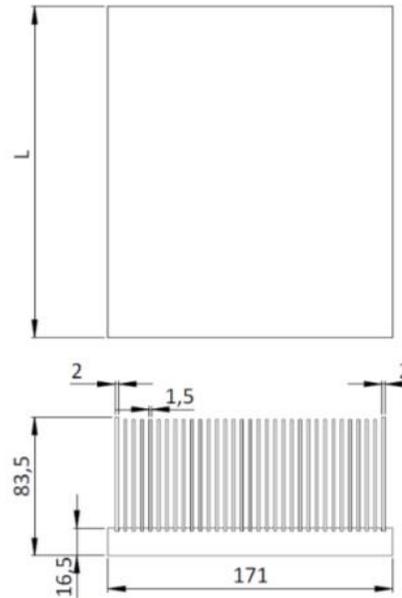
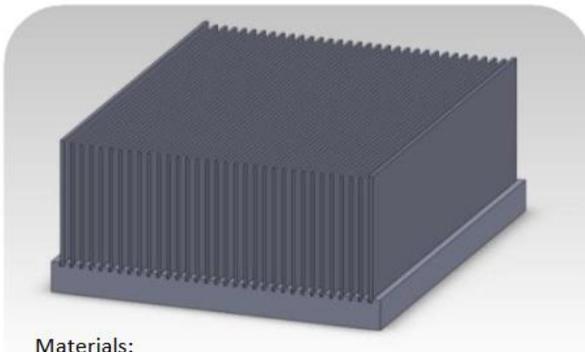


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PT HIGH SERIES PERFORMANCES (Examples)



3) PT HIGH (h=83.5 mm) from extruded baseplate RMRES0052



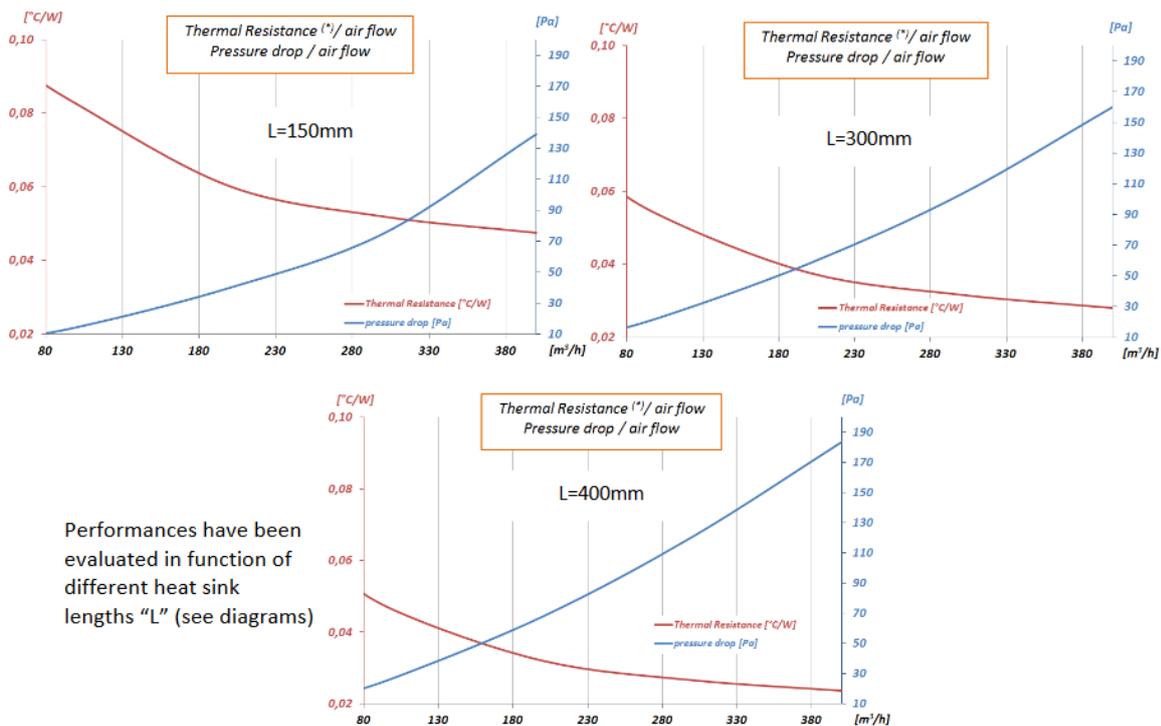
Materials:

Fins: n° 31 ; thickness 1.5 mm + n°2 ; thickness 2 mm ;
pitch =5 mm (Al EN AW1050)
Baseplate: Al Extruded alloy Al EN AW 6060

Working Conditions:

- T in = 40°C
- Pd = 500 W uniformly distributed
- fully ducted ventilation

(*) Thermal Resistance: max T_{HS} surface to T_{air IN} (@40°C)

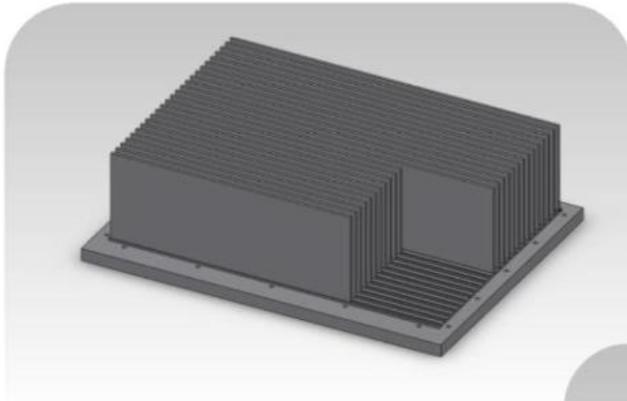


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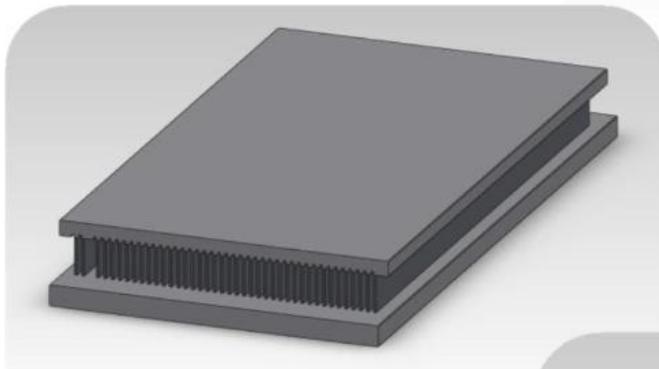
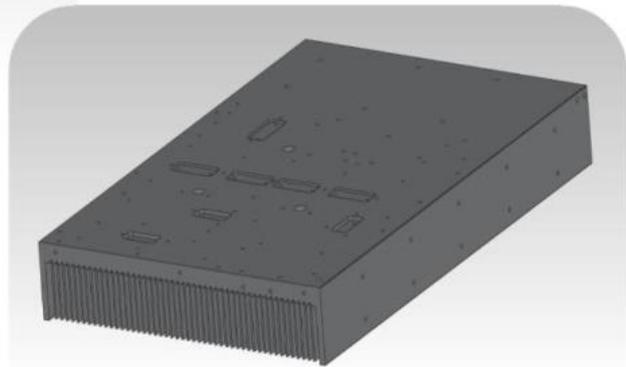
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PT HIGH SERIES PERFORMANCES (Examples)



Flexible fins configuration
(e.g. different lengths) without
removing material

Complex machining (threaded
holes, millings, flat-milled surfaces)
by flatness up to 0.003/100 mm



Cover or double base

Surface finish: Anodizing (black or
colorless) and other treatments

