

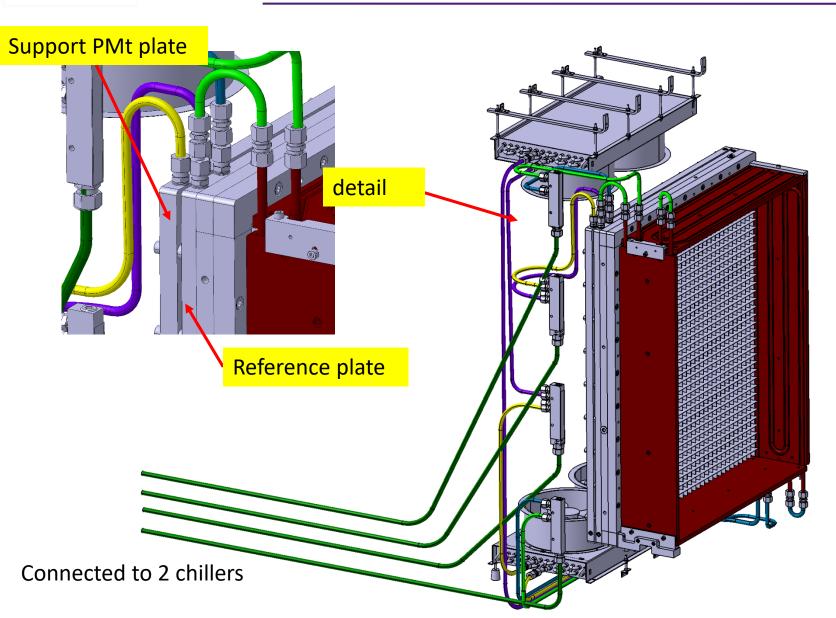
# NPS cooling system 01/10/2021

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# Total cooling (side crystals + side electronic)

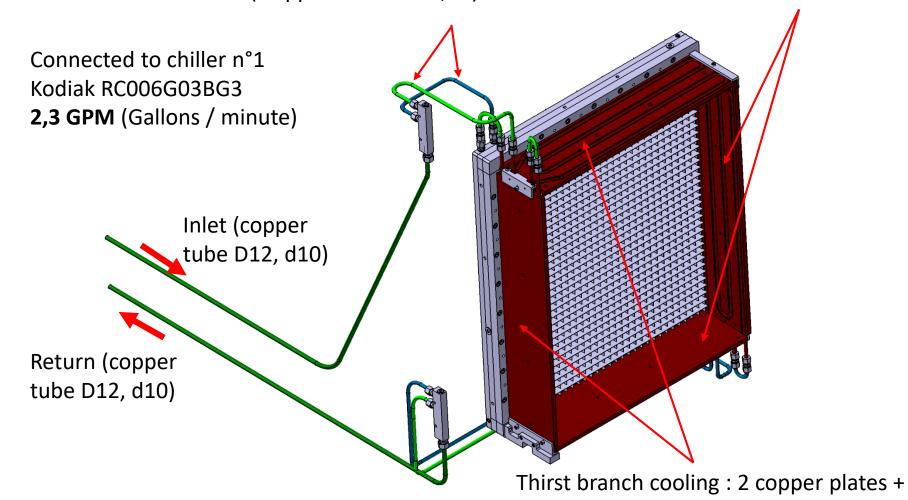




## Front cooling (side crystals)

Divided in 2 branches (copper tubes D10,d8)

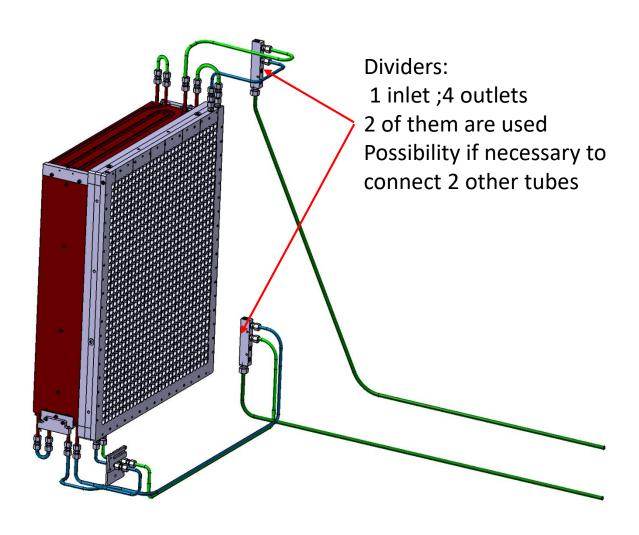
Second branch cooling: 2 copper plates + half reference aluminum plate (cf slide 4)



half reference aluminum plate (cf slide 4)

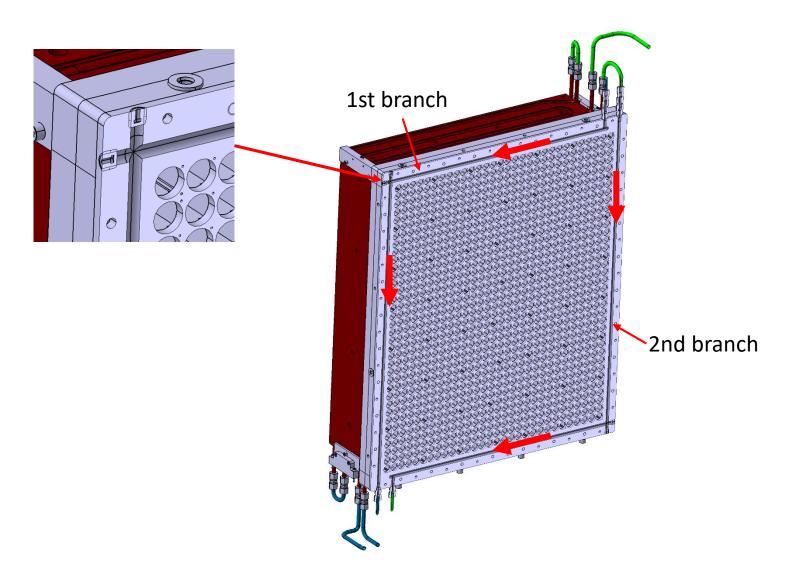


# Front cooling (crystals)





# Cooling edge of the reference plate (cut view)





## Rear cooling (electronic)

2 heat exchangers Lytron 6320G3SB with funs 10"

Thirst branch cooling: Top heat exchanger + half support PMt aluminum plate (cf slide 6)

Divided in 2 branches (copper tubes D10,d8)

2nd branch cooling: Bottom heat exchanger + half support PMt aluminum plate (cf slide 7)

Connected to chiller n°2 Kodiak RC011G03BG3 **4,3 GPM** (Gallons / minute)

Return (copper

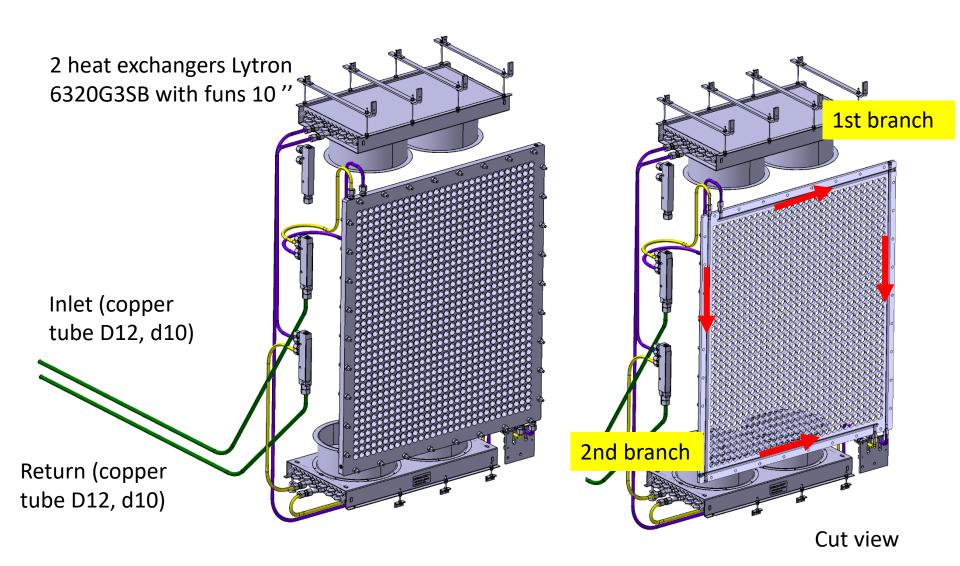
tube D12, d10)

Inlet (copper

tube D12, d10)



## Rear cooling (electronic)

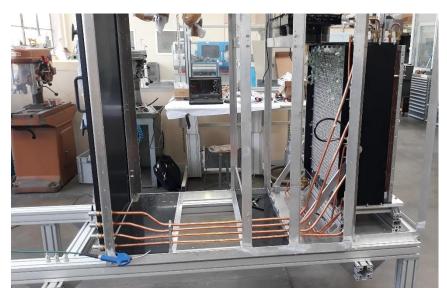


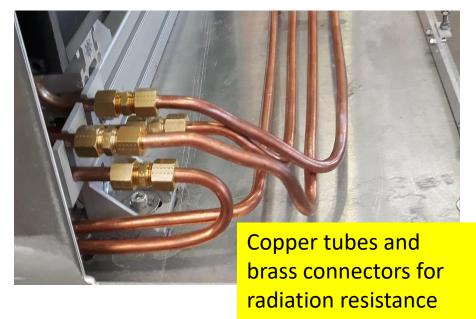


## **Pictures**



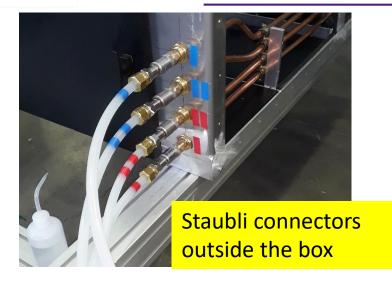








#### **Pictures**

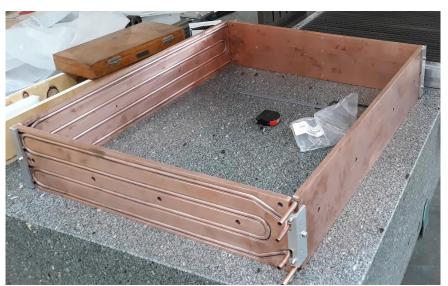




Heat exchanger



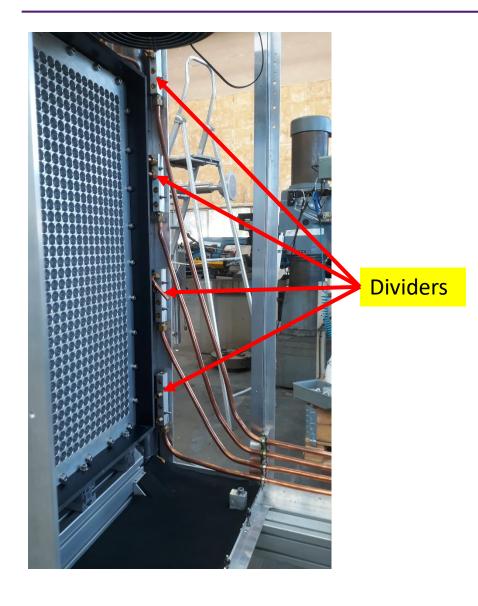
2 chillers



Copper plates



# **Pictures**





#### Connectors reference and device list

1 Chillers n°1: KODIAK RC006G03BG3 (2,3 GPM)

1 Chillers n°2: KODIAK RC011G03BG3 (4,3 GPM)

2 Heat exchangers LYTRON 6320G3SB with fans 10" (100236-11)

Copper tube D12- d10

Copper tube D10- d8

#### Connectors Parker (brass)

https://www.parker.com/literature/Switzerland/Swiss%20PDF%20Files/Catalogue%20Parker%20Legris%20-%20F.pdf Page 246

List of device in pdf files

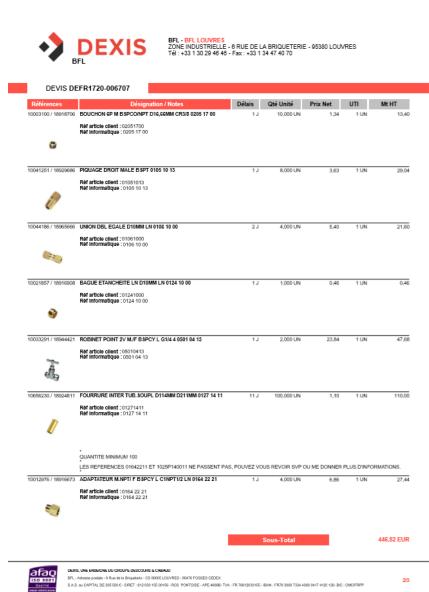


#### Connectors reference and device list



**BFL - BFL LOUVRES**ZONE INDUSTRIELLE - 6 RUE DE LA BRIQUETERIE - 95380 LOUVRES
Tél : +33 1 30 29 46 46 - Fax : +33 1 34 47 40 70







#### Connectors reference and device list



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Bon pour accord
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Signature

705,72 EUR

TOTAL HT