

NPS frame shipment

762 kg, 198 cm x 108 cm x 172 cm (H)

Chiller 1:

52 kg: 85 cm x 56 cm x 80 cm (H)



Chiller 2:

64 kg: 100 cm x 56 cm x 90 cm (H)



179 kg:

120 cm x 100 cm x 110 cm (H)

Jan 6, 2021



Air Waybill number(s)

Air Waybill no: 272-01722206

Date: 21 DEC 2020 8:49

Pieces: 4

Origin: CDG

Weight: 1017.00 kg

Destination: IAD

Volume: 5.510 m3

Flight(s)

flightnumber	date	origin	destination
K4206	11 JAN 2021 (local)	AMS	JFK

Status updates

12 JAN 2021 19:00 (local) 4 packages departed on flight QJ1382 on 12/01/2021 19:00:00. route: JFK-IAD
11 JAN 2021 17:30 (local) 4 packages, 1,017K received from flight K4206 at JFK on 11/01/2021 17:30:00
11 JAN 2021 15:59 Flight K4206 on 11JAN2021: Flight status changed to Departed
11 JAN 2021 15:58 4 pieces manifested on flight K4206 on 11JAN2021
08 JAN 2021 12:18 (local) 4 pieces accepted at AMS



Cooling system documentation

wiki.jlab.org/cuawiki/index.php/Cooling_system

[page](#) [discussion](#) [view source](#) [history](#)

Cooling system

- Calorimeter cooling overview: [.pptx](#) (by E. Rindel)
- [Lytron catalog](#) : NPS heat exchangers are 6320G3SB with 10" fans (100236-11)
- [Kodiak manual](#) : NPS chillers are RC006G03BG3 (2.3 GPM) and RC011G03BG3 (4.3 GPM)
- [Parts](#) (in French)

Connected to chiller n°1
Kodiak RC006G03BG3
2,3 GPM (Gallons / minute)

Divided in 2 branches
(copper tubes D10 ,d8)

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

Inlet (copper
tube D12, d10)

Return (copper
tube D12, d10)

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

Support PMt plate

detail

Reference plate

Connected to 2 chillers