

Industry





Life sciences &
Health care



A.I.F.

Our Expertise

■ **Perishable & Pharmaceutical**

- ✓ In 2016 A.I.F. Italy obtained the HACCP certification for food and A.I.F. Italy & France started the process for GDP and CEIV compliance for pharmaceutical products.
- ✓ In 2021 A.I.F. FRA obtained the GDP certification for pharmaceutical products.



■ **Cooling System _ Various Package**



- ✓ *ISOTHERMAL BOX with Polystyrene layer*
- ✓ *THERMO BLANKET*



[ISOTHERMAL box with Polystyrene layer]

120 X 80 X 120 / 100 X 120 X 93

120 X 80 X 65 / 80 X 60 X 75

80 X 60 X 60



[THERMO BLANKET]

80 X 120 X 100

80 X 120 X 120

80 X 120 X 150

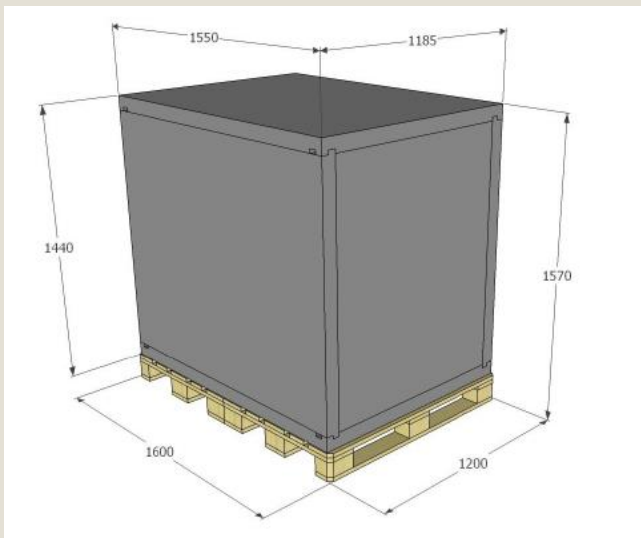


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Our Expertise

✓ PALLET SHIPPER 120

- Temperature Controlled Packaging System
- Qualification Report



Summer Profile	
Ambient Temperature (°C)	Time (h)
18	4
25	2
20	7
15	3
16	2
20	2
35	3
18	8
20	3
25	5
18	9
20	16
25	2
20	2
35	3
18	5
20	9
15	3
16	2
20	2
35	3
18	8
20	3
25	5
18	9

Winter Profile	
Ambient Temperature (°C)	Time (h)
20	4
-2	2
20	2
-2	3
20	2
12	3
-2	2
20	2
-2	3
20	1
12	7
20	6
16	2
12	9
20	16
-5	2
20	2
-5	3
20	5
-2	2
20	2
-2	3
20	2
12	3
-2	2
20	2
-2	3
20	1
12	7
20	6
16	2
12	9

The ambient temperature profiles whose packages have been tested, referred as summer and winter profile are described below.



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■ Cooling System _ *Safety Control*



- ✓ *Dry ICE : - 20 °C*
- ✓ *Green ICE : + 2 °C ~ 8 °C*
- ✓ *Blue + Green ICE : + 15 °C ~ 25 °C*



- ✓ *Humidity Control*
- ✓ *Use of Blue Sack*

Blue Sack





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■ Cooling System _ *Safety Control*



Insect Protect

✓ *Perfect insect protection*



Data Logger

✓ *Temperature Data Record*



* Single or Dual Use / Negative or Positive Temp



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■ Packing Process _ *Professional*

1 *THERMO box with Polystyrene layer*



2 *Putting inner pieces*



3 *✓ Cover Blue Sack to block humidity* *✓ Putting Green ice on top*



4 *THERMO Blanket & Wrapping*





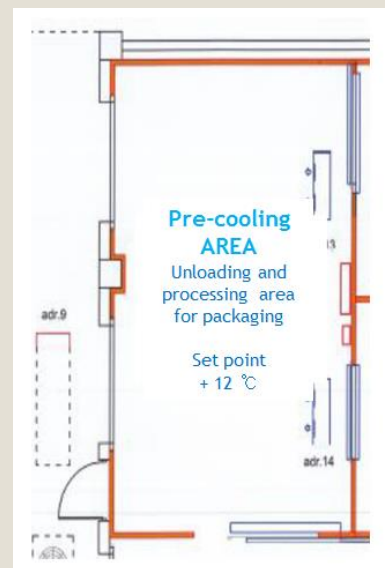
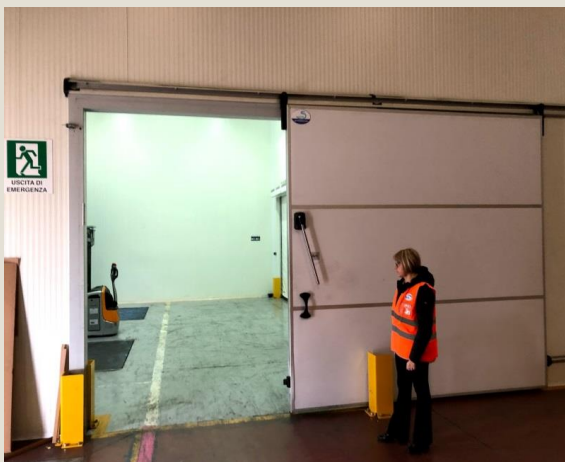
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■ Cooling System _ *Pre-Cooling Area*



Pre Cooling

- ✓ *Area for unloading and packaging*
- ✓ *Direct to access in cool zone*



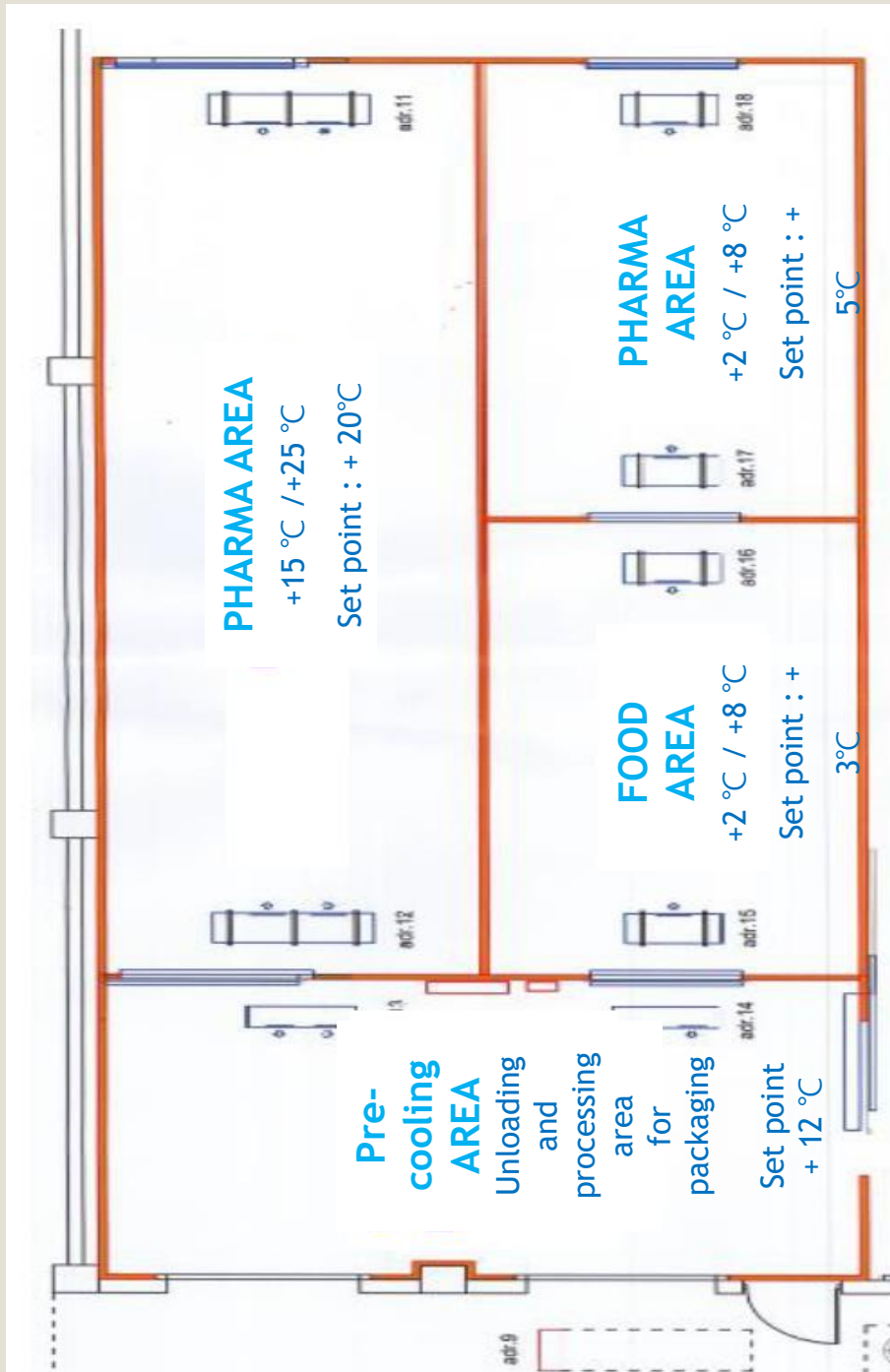
[Milan, Italy]



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■ Cooling System _ 300 sqm

- ✓ *Resin Floor Sterile floor* complies with HACCP regulations
- ✓ *Air Curtain* with correct air speed guaranteeing
- ✓ *Padded door* saves commodities from external elements



[Milan, Italy]

- ✓ *Maximum storage capacity : 200 plts*



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▪ Cooling chain _ *Information*

- ✓ *STORAGE in the COOL ROOM : Temperature + 2 °C ~ 8 °C*
- ✓ *PACKAGING of CARGO with ISOTHERMAL MATERIAL*
 - *Packaging with isothermal material →*
Caron pallets high strength with various sizes
 - *Supplying cold products → Dry / Green / Blue Ice*
- ✓ *Controlled Temperature Dedicated Transports*
 - *Availability of vans, medium trucks and full trucks for both positive and negative degrees*
** - 20 °C ~ + 25 °C*





A.I.F.

- *Our customers_* **Pharmaceutical**

The logo for orthomol, featuring a green circle with a white dot inside, followed by the word "orthomol" in white lowercase letters on a dark blue background.The logo for ThermoFisher Scientific, with "ThermoFisher" in red and "SCIENTIFIC" in black, both in uppercase letters.

JAPAN BCG LABORATORY

The logo for Curida, with the word "Curida" in white lowercase letters on a red background, followed by a small red cross icon.The logo for farmahome, featuring a green cross icon with a red house shape inside, followed by the word "farmahome" in green lowercase letters, and the tagline "la farmacia in casa" in smaller green lowercase letters below it.The logo for MSD, featuring a green cross icon with a white circle inside, followed by the letters "MSD" in green uppercase letters.The logo for DELPHARM, featuring a stylized blue and white wave icon, followed by the word "DELPHARM" in dark blue uppercase letters.



A.I.F.

- **Our customers_** *Food*





Thank you