

SINGLE USE SUPPORT.

PIONEERING BIOPHARMA



RoSS.BLST

Blast freezing & thawing
for any primary packaging.

From -80°C to +40°C.

Highest storage density.

Modular interior.

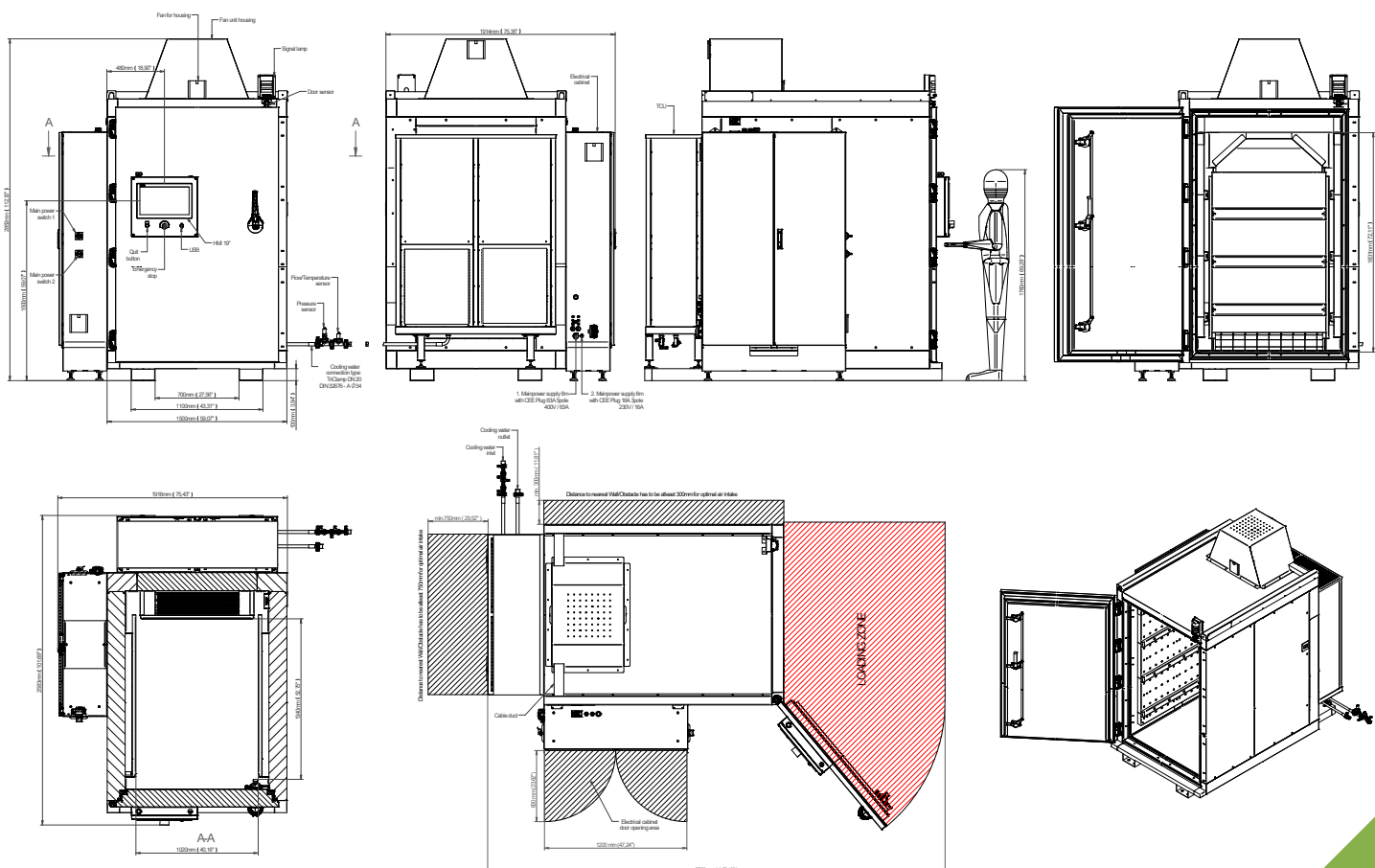
RoSS.BLST

Blast freezing & thawing

RoSS.BLST is a GMP-compliant blast system for freezing & thawing of drug substances, regardless of the choice of primary packaging. The advantage of a mobile and modular rack system inside enables simple transfer from freezing to storage.

Facts:

- Blast system for freezing & thawing
- With highest possible speed
- Suitable for any primary packaging
- Mobile and customizable internal rack system or drawer solution
- GMP based software system
- Optional shaking function for optimized thawing time
- Seamless transition from freezing to ultra-low storage
- 2kw cooling power for temperatures down to -80°C
- Natural refrigerant below 500g
- Water cooled



ROSS.BLST

Blast freezing & thawing

TECHNICAL SPECIFICATIONS



Outer dimensions (WxDxH)	1916 x 2583 x 2852mm
Inner dimensions (WxDxH)	1020 x 1340 x 1831mm
Inner volume	2.5m ³
Insulation	150mm PU Foam
Temperature setpoint range	Temperature setpoint possible from -90°C to +40°C
Shake function	Applicable during thawing
Power supply	400V 50Hz / 480V 60Hz
Auxiliary technical features	19" touch display
Net weight	Approx. 2600kg
Software	21 CFR Part 11 compliant
Communication	OPC UA / Active Directory compliant
Cooling power	12kW (0°C), 2kW (-80°C)
Air circulation	1800m ³ /h

Results: Freeze and thaw curve of 300L in 15L containers

