

BALTIC 460 LT



# BALTIC LT

BALTIC is a freezer unit (low temperature) for cascade systems with direct expansion on the evaporator side. The condenser is connected to the secondary fluid system on the evaporator side. The unit is a completely indirect system with direct expansion on the cold side and glycol/water on the hot side. BALTIC is designed for the refrigerant carbon dioxide(R744) for the lowest possible environmental impact.

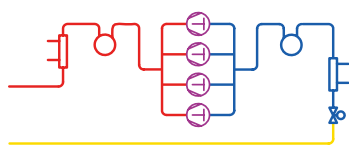
## GREEN CO<sub>2</sub>NTROL

Our units are standard equipped with Green Control System. The control system is user friendly, offers a complete surveillance of the establishment and also the possibility of remote control/steering.

### Options

- Antivibration mounts, • Flexible sleeves on the condenser, • Extra liquid receiver,
- Extra web-server, • Commission/training, • Service kit (drying filter & burst disc)
- Compressor oil.

FLOW CHART



Low temperature (LT)	115 LT	230 LT	345 LT	460 LT
Unit	Cascade freezer unit - Completely indirect systems			
Refrigerant	R744			
Refrigeration output (kW)	15	30	45	60
Swept volume	12,6	25,2	37,8	50,4
Compressor (quantity)	1	2	3	4
Refrigerant	R744			
Refrigerant temp. (C°)	-35	-35	-35	-35
Coolant condenser	Propylene glycol 40%			
Coolant temperature (C°) in/out	-4/-8			
Measure L x W x H (mm)	1975 x 900 <sup>1</sup> x 1950		2480 x 900 <sup>1</sup> x 1950	3000 x 900 <sup>1</sup> x 1950
Weight (Kg)	1000 <sup>2</sup>	1200 <sup>2</sup>	1450 <sup>2</sup>	1700 <sup>2</sup>

- Discharge temperature from gas cooler: +30°C
  - Evaporation temperature: -37°C
  - Voltage & HZ: 400/3/50
- 1) Up to 1300mm depending on chosen option.  
2) Basic weight without option.

We reserve the right to make modifications. Refrigeration outputs shown in the table are based on design temperatures. Some outputs are preliminary and should be determined in actual operational conditions as ambient temperature and water temperature will influence the output values.