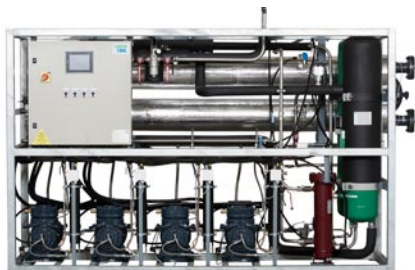


ARCTIC 460 LT



# ARCTIC LT

ARCTIC LT is a chiller unit (low temp.) for fully indirect freezer systems using R744 refrigerant circulated by a pump, or 28% calcium chloride. The unit is supplied with air-cooled or liquid-cooled gas cooler as an option. ARCTIC is designed for the refrigerant carbon dioxide (R744) for the lowest possible environmental impact.

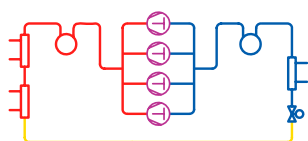
## GREEN CO<sub>2</sub>NTROL

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

- Air cooled gas cooler or liquid cooled gas cooler, • Extra liquid receiver,
- Flexible sleeves to the liquid cooled gas cooler, • Antivibration mounts,
- 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                                | Freezer unit - Completely indirect system |                   |                                |                                |
| Refrigerant                         | R744 or CaCl <sub>2</sub>                 |                   |                                |                                |
| Refrigeration output (kW)           | 14  | 28                | 42                             | 56                             |
| Swept volume                        | 12.6                                      | 25.2              | 37.8                           | 50.4                           |
| Compressor (quantity)               | 1   | 2                 | 3                              | 4                              |
| Secondary fluid                     | R744                                      |                   |                                |                                |
| Temperature of Secondary fluid (°C) | -30                                       | -30               | -30                            | -30                            |
| 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>              |
| • Air cooled gas cooler (option)    | Direct expansion R744                     |                   |                                |                                |
| • Liquid cooled gas cooler (option) | Coolant: Ethylene glycol 40%              |                   |                                |                                |

- Discharge temperature from gas cooler: +30°C
  - Evaporation temperature: -34°C
  - Voltage & HZ: 400/3/50
- 1) Up to 1300 mm 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.