



# THE FULL RANGE OF ARNEG NATURAL SOLUTIONS FOR THE STORES



NATURAL REFRIGERANT

# WHY USE CO<sub>2</sub>

CO<sub>2</sub> is a natural refrigerant, compliant with international regulations that are steadily imposing limits on the use of synthetic refrigerants.

It is neither flammable nor toxic.

It has an Ozone Depletion Potential (ODP) of 0 and a Global Warming Potential (GWP) of 1.

It is available anywhere.

No need for the regular F- GAS leak tests required for systems that use synthetic refrigerants.

# PRISMA



## DIMENSIONS

WxLxH: 1400x850x950 mm **Prisma with 1 fan**

WxLxH: 1900x915x1550 mm **Prisma with 2 fans**

WxLxH: 2550x915x1550 mm **Prisma with 4 fans**

- Transcritical **CO<sub>2</sub>**
- **MT** from **4** to **40 kW** - from 1 to 2\* compressors
- **LT** from **2** to **7 kW** - 1 compressor

## MAIN CHARACTERISTICS

- Inverter control for MT1 and LT compressors
- On-board gas cooler
- Heat recovery
- Oil separator with integrated reserve
- EC axial/radial fans

## SUITABLE FOR



Small  
stores



Normal temperature  
and Low temperature

\*2 compressors only in the MT version



# GLOBO & GLOBO+



## DIMENSIONS

WxLxH: 2000x850x1800 mm **Globo**

WxLxH: 2500x850x1800 mm **Globo+**

- Transcritical **CO<sub>2</sub>**
- **MT** from **14** to **75 kW** - from 2 to 3 compressors
- **LT** from **3** to **20 kW** - from 1 to 2 compressors

## MAIN CHARACTERISTICS

- Inverter control for MT1 and LT1 compressors
- Heat recovery
- Oil separator with integrated reserve
- Ultra-compact design
- Panelling for outdoor installation and noise reduction

## SUITABLE FOR



Small stores



Medium stores



Normal temperature and Low temperature

# MINI BOOSTER



## DIMENSIONS

WxLxH: 3190x1030x1900 mm

WxLxH: 3400x1030x1900 mm **enclosed and sound-insulated version**

- Transcritical **CO<sub>2</sub>**
- **MT** from **25** to **95 kW** - from 2 to 3 compressors
- **LT** from **5** to **25 kW** - from 2 to 3 compressors

## MAIN CHARACTERISTICS

- Parallel compressor
- Inverter for MT1, LT1 and parallel compressors
- Heat recovery (up to two)
- Liquid collector backup unit
- Panelling for outdoor installation and noise reduction

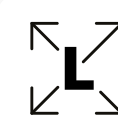
## SUITABLE FOR



Small stores



Medium stores



Large stores



Normal temperature and Low temperature



# BOOSTER



## DIMENSIONS

WxLxH: 4075/4850x1160x2200 mm

WxLxH: 4275/ 5250x1160x2200 mm **enclosed and sound-insulated version**

- Transcritical **CO<sub>2</sub>**
- **MT** from **90** to **240 kW** - from 3 to 5 compressors
- **LT** from **17** to **55 kW** - from 2 to 4 compressors

## MAIN CHARACTERISTICS

- Parallel compressor
- Inverter for MT1, LT1 and parallel compressors
- Heat recovery (up to two)
- Hot gas defrosting (optional)
- Electronic backup system (optional)

## SUITABLE FOR



Medium  
stores



Large  
stores

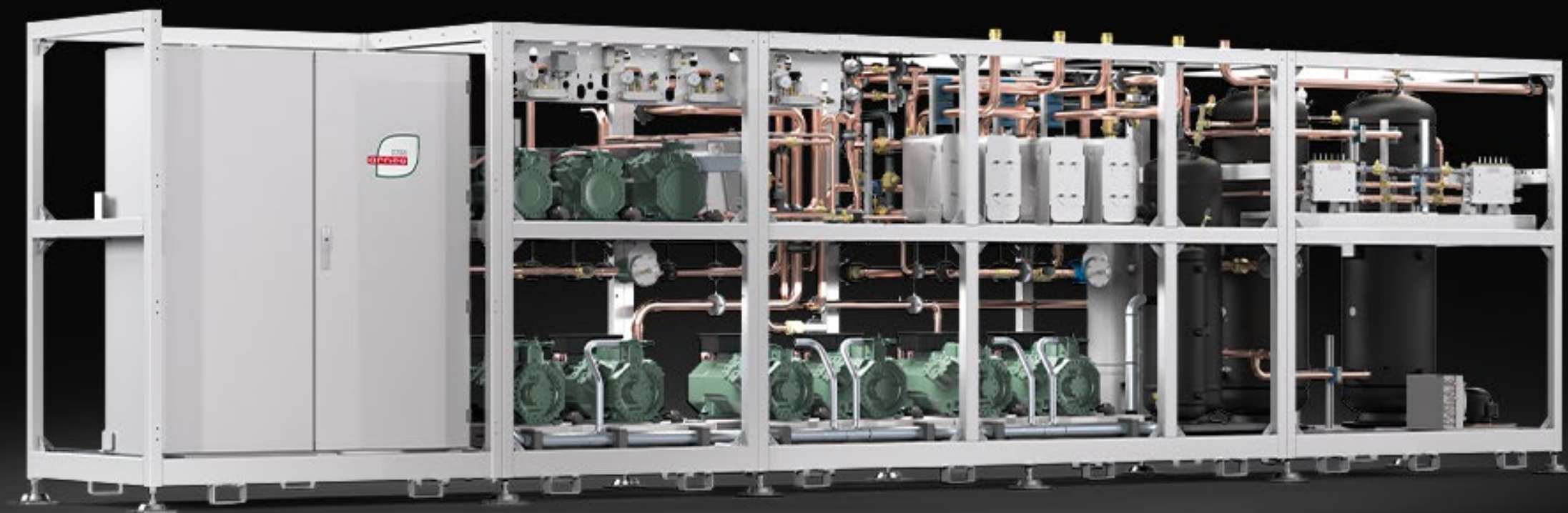


XL  
surfaces



Normal temperature  
and Low temperature

# BOOSTER XL

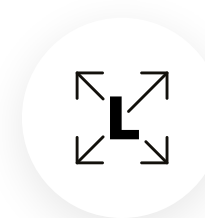


- Transcritical **CO<sub>2</sub>**
- **MT** from **220 kW** - from 6 to 10 compressors
- **LT** from **45 kW** - from 3 to 6 compressors

## MAIN CHARACTERISTICS

- Parallel compressor
- Inverter for MT1, LT1 and parallel compressors
- Heat recovery (up to two)
- Ejector (optional)
- Electronic backup system (optional)

## SUITABLE FOR



Large  
stores



XL  
surfaces



XXL  
surfaces

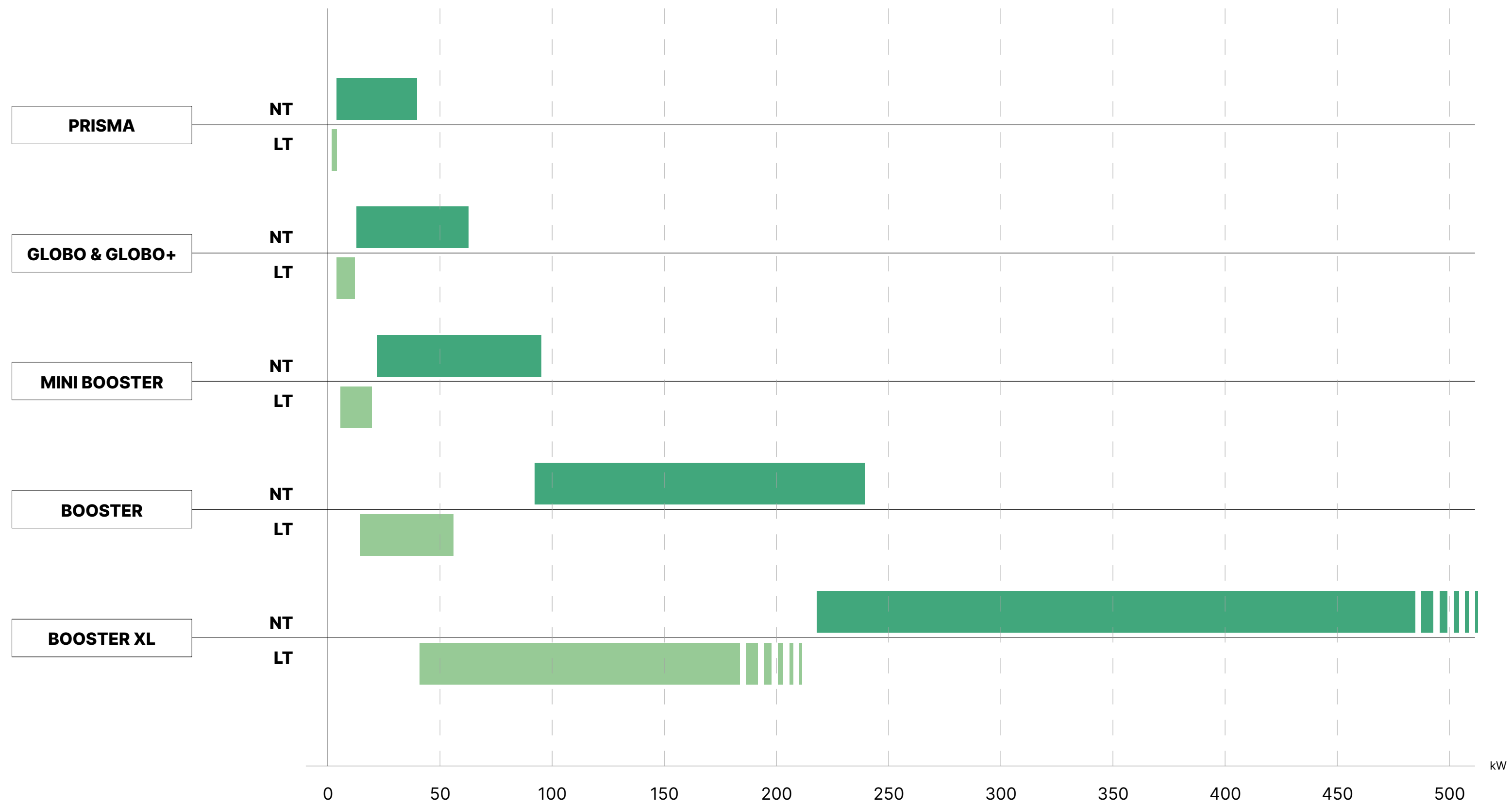


Normal temperature  
and Low temperature

## DIMENSIONS

WxLxH: from 7830x1250x2200 mm







| CONFIGURATIONS                     | PRISMA | GLOBO & GLOBO+ | MINI BOOSTER | BOOSTER | BOOSTER XL |
|------------------------------------|--------|----------------|--------------|---------|------------|
| MAX MT compressors                 | 1-2*   | 3              | 3            | 5       | 10         |
| MAX LT compressors                 | 1      | 2              | 3            | 4       | 6          |
| PARALLEL compressor                | N.A.   | N.A.           | ●**          | ●**     | ●**        |
| Design pressures: 130/80/60/60 bar | ○      | ○              | ○            | ○       | ○          |
| Design pressures: 130/60/60/60 bar | ●      | ●              | ●            | ●       | ●          |
| Design pressures: 130/60/52/30 bar | ○      | ○              | ○            | ○       | ○          |
| Heat recovery                      | ○      | ○              | ○            | ○       | ○          |
| Liquid collector backup unit       | N.A.   | N.A.           | ○            | ○       | ○          |
| Ejector                            | N.A.   | N.A.           | ○            | ○       | ○          |
| Outdoor sound-insulating panelling | ●      | ○              | ○            | ○       | ○          |
| AC load                            | N.A.   | ○              | ○            | ○       | ○          |
| Electronic backup                  | N.A.   | ○              | ○            | ○       | ○          |
| LT discharge bypass                | N.A.   | ○              | ○            | ●       | ●          |

● Included    ○ Optional    N.A. Not Applicable

\*2 compressors only in the MT version    \*\*1 or more compressors available

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