



**ARCTIKO**   
true cooling specialists

**+2/+8°C**  
BIOMEDICAL FLEXA RANGE

# LRE 440

## A STABLE RUNNING UNIT THAT OFFERS A GREAT LEVEL OF FLEXIBILITY

The FLEXA range offers air forced cooling for high temperature stability and quick temperature recovery after door openings.



AIR FORCED  
COOLING

### EXTRA SECURITY

The FLEXA range has multiple safety features as standard. The range comes with a built-in lock to restrict access to the stored samples. Besides the physical security features, the FLEXA range comes with electronic safety features. The temperature display has a high/low temperature audio and visual alarms along with a door open alarm. The controller records the minimum and maximum temperature since the last reset, and this ensures that your samples have never gone out of the set temperature range.

### FLEXIBLE STORAGE

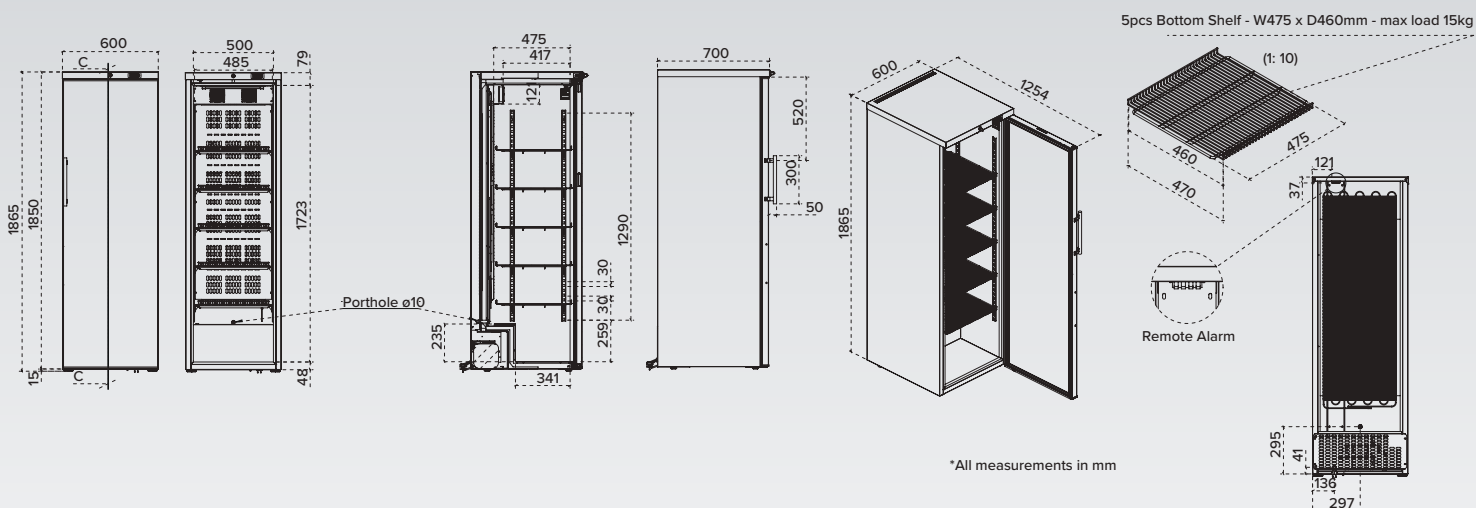
The FLEXA range offers a great level of flexibility and covering a large spectrum of different storage needs.

The shelves in the FLEXA range are specially designed for easy adjustments in order to offer the best flexibility for your storage needs. This allows the user to organize their unit exactly as desired.

### OPTIONAL ACCESSORIES

SVS voltage stabilizer  
GSM alarm module  
Shelves  
Basket

## MAIN DIMENSION FOR LRE 440





The Carel controller features, among others, visual and acustic alarm, high/low temperature alarm and open door alarm.



Lock is a standard feature in our FLEXA range for optimal security



The shelves in the new FLEXA models are easy adjustable in order to offer best flexibility for your storage needs



All models in our new FLEXA range feature LED lighting offering long time durability and lowest possible operating cost

## MAIN SPECIFICATIONS

|                                |                  |
|--------------------------------|------------------|
| Item code                      | DAI 6025         |
| Temperature range (°C)         | +2 / +8          |
| Max. ambient temperature (°C)  | 32               |
| Capacity (L)                   | 437              |
| Exterior dimensions WxDxH (mm) | 600x700x1865     |
| Interior dimensions WxDxH (mm) | 475x500/341x1723 |
| Weight (KG)                    | 93               |
| Insulation (mm)                | 50               |
| Cooling technology             | air forced       |
| Controller model / probe type  | Carel / NTC      |

## POWER

|                             |       |
|-----------------------------|-------|
| Power supply (V)            | 230   |
| Frequency (Hz)              | 50/60 |
| Power consumption (kWh/24H) | 1,9   |
| AMP (A)                     | 0,9   |
| Power (Watt)                | 168   |
| Horse power (HP)            | 1/4   |

## ALARM FUNCTIONS

|                                          |           |
|------------------------------------------|-----------|
| Alarm display as text - not codes        | no        |
| Visual / acoustic alarm                  | yes / yes |
| Power failure alarm                      | no        |
| Adjustable high / low temperature alarm  | yes / yes |
| Open door alarm                          | yes       |
| Probe failure alarm                      | yes       |
| Low battery alarm                        | no        |
| Compressor failure alarm                 | no        |
| Battery backup for alarms (approx. hrs.) | no        |

## DATA LOGGING & EXTERNAL CONNECTION

|                                                               |     |
|---------------------------------------------------------------|-----|
| Voltage free contact for remote alarm (e.g. GSM alarm module) | yes |
| Electronic data logger                                        | no  |
| RS 485 port                                                   | no  |
| USB port for software update & data download                  | no  |
| Temperature chart recorder                                    | no  |

## DISPLAY FEATURES

|                                               |                                |
|-----------------------------------------------|--------------------------------|
| Display type                                  | LED display with touch buttons |
| Number of optional reference probes           | no                             |
| Password protection for turning unit on / off | no                             |
| Temperature graph on display                  | no                             |
| Temperature chart recorder                    | no                             |

## OTHER FEATURES

|                                                                   |                |
|-------------------------------------------------------------------|----------------|
| Automatic defrost                                                 | yes            |
| Antifreeze function                                               | no             |
| Vacuum release port                                               | no             |
| Access port for external probe etc. (int. diameter mm)            | 12             |
| Light                                                             | yes            |
| Lock with key                                                     | yes            |
| Castors (total pcs) / castors with brake (pcs)                    | 4 rollers / no |
| Fixed feet (pcs) / levelling feet (pcs)                           | 0 / 2          |
| Sub lids / inner doors (pcs)                                      | no             |
| Reversible door(s)                                                | yes            |
| Fixed shelves (pcs) / adjustable shelves (pcs)                    | 0 / 5          |
| Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs) | 22 / 11        |
| Max. load per shelf (kg)                                          | 15             |
| Baskets (pcs)                                                     | 1              |
| Max. no. of baskets (pcs)                                         | 1              |
| Max. load per basket (kg)                                         | 22             |

## REFRIGERATION & CABINET

|                             |              |
|-----------------------------|--------------|
| Number of compressors       | 1            |
| Refrigerant                 | R600a        |
| Interior cabinet material   | coated steel |
| Exterior cabinet material   | coated steel |
| Colour (exterior cabinet)   | white        |
| Foam type                   | polyurethane |
| VIP vacuum insulated panels | no           |

## SHIPPING

|                                   |           |
|-----------------------------------|-----------|
| Shipping weight (KG)              | 103       |
| Shipping dimensions WxDxH (cm)    | 73x62x203 |
| Shipping volume (m <sup>3</sup> ) | 0,92      |

## Arctiko A/S

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