



BIOMEDICAL

# VT 207

## BIOMEDICAL CHEST FREEZER

The VT low temperature freezers creates the possibility to maintain temperatures as low as -60°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals.

-40°C  
-60°C



### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x923x605                    |
| Inner Dimensions HxWxD, mm     | 635x760x440                    |
| Weight Gross/Net, kg           | 72 / 64                        |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 8                              |
| Packaging dimensions HxWxD, mm | 900x973x725                    |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Castors             | Yes                            |
| Refrigerant, Type              | Nature R                       |
| Number of compressors          | 1                              |
| Internal Air Distribution      | Static                         |
| Number of Probes               | 1                              |

### CONTROLLER

|                      |                             |
|----------------------|-----------------------------|
| Controller           | XR30CX                      |
| Controller language  | No language - only 3 digits |
| USB Connection       | No                          |
| Logging              | No                          |
| Temperature Graph    | No                          |
| High/Low Temp. Alarm | Yes                         |
| Open Door Alarm      | No                          |
| Probe Failure Alarm  | Yes                         |
| Power Failure Alarm  | No                          |

### STORAGE

|                      |                                  |
|----------------------|----------------------------------|
| Volume, Gross/net, L | 198                              |
| Baskets              | 1                                |
| Basket material      | Steel coated with plastic powder |
| Inner lids           | No                               |

### FEATURES

|                                    |               |
|------------------------------------|---------------|
| Lock                               | Yes           |
| LED Light                          | No            |
| Battery Backup for Controller, 24h | No            |
| Porthole                           | Yes - Ø 12 mm |
| Dry Contact                        | No            |
| Door                               | Solid         |
| Door Reversibility                 | N/A           |



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|  |          |            |
|--|----------|------------|
| <b>Frequency</b>   | Hz       | 50Hz       |
| <b>Max Ambient</b>   | °C       | 30°C       |
| <b>Max Humidity</b>  | % rh     | 55%        |
| <b>PERFORMANCE</b>   |          |            |
| <b>All data in RT20°C</b>  |          |            |
| <b>Temperature Range</b>   | °C       | -40 to -60 |
| <b>Uniformity in performance - difference +/- from Avg set point</b> | °C       | 5,7        |
| <b>Pull down time (from 25 to factory setpoint)</b>                  | Minutes  | 80         |
| <b>Hold over time (from factory SP to -25, -40 and -60) Empty</b>    | Minutes  | 75         |
| <b>Refrigerant</b>   |          | Nature R   |
| <b>Number of probes</b>  | pcs      | 1          |
| <b>Defrost</b>   | y/n      | No         |
| <b>Internal air distribution</b>                                     |          | Static     |
| <b>Number of compressors</b>   | pcs      | 1          |
| <b>Safety thermostat</b>   | y/n      | No         |
| <b>Energy 24 hours</b>   | kWh/24h  | 3,12       |
| <b>Energy year</b>   | kWh/year | 1138,8     |