



BIOMEDICAL

VT 306

BIOMEDICAL CHEST FREEZER

The VT low temperature freezers creates the possibility to maintain temperatures as low as -45°C. Supreme stability, reliability, user-friendliness and ease of cleaning make these freezers an ideal solution for laboratories and hospitals.

-25°C
-45°C



| DIMENSIONS | | VALUE |
|------------------------------------|--|----------------------------------|
| Outer Dimensions, HxWxD | | 885x1265x605 |
| Inner Dimensions, HxWxD | | 635x1100x440 |
| Weight Gross/Net, kg | | 76,8 / 71,1 |
| Material Inner Cabinet | | Painted Steel |
| Material Outer Cabinet | | Painted Steel |
| Insulation Thickness, mm | | 80 |
| Insulation Type | | Polyurethane with Cyclopentane |
| Mobility / Castors | | Yes |
| Refrigerant, Type | | R290 |
| Number of compressors | | 1 |
| Internal Air Distribution | | Static |
| Number of Probes | | 1 |
| CONTROLLER | | VALUE |
| 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 | | VALUE |
| Volume, Gross/net, L | | 296 |
| Baskets | | 1 |
| Basket material | | Steel coated with plastic powder |
| Inner lids | | No |
| FEATURES | | VALUE |
| 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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| PERFORMANCE | UNIT | VALUE |
|--|----------|-----------------|
| All data in RT20°C | | |
| Frequency | Hz | 50Hz |
| Max Ambient | °C | 30°C |
| Max Humidity | % rh | 55% |
| Temperature Range | | |
| Temperature Range | °C | Fra -25 til -45 |
| Uniformity in performance - difference +/- from Avg set point | | |
| Uniformity in performance - difference +/- from Avg set point | °C | - |
| Pull down time (from 25 to fabric setpoint) | | |
| Pull down time (from 25 to fabric setpoint) | Minutes | v. 25 °C, 130 |
| Hold over time (From fabric SP to -25, -40 and -60) Empty | | |
| Hold over time (From fabric SP to -25, -40 and -60) Empty | Minutes | - |
| Refrigerant | | |
| Refrigerant | | R290 |
| Number of probes | | |
| Number of probes | pcs | 1 |
| Defrost | | |
| Defrost | y/n | No |
| Internal air distribution | | |
| Internal air distribution | | Static |
| Number of compressors | | |
| Number of compressors | pcs | 1 |
| Safety thermostat | | |
| Safety thermostat | y/n | No |
| Energy 24 hours | | |
| Energy 24 hours | kWh/24h | - |
| Energy year | | |
| Energy year | kWh/year | - |