

Beratung, Vertrieb, Service:



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# HEALTHCARE BIOMEDICAL COOLING SOLUTIONS

**COOLING WITH CARE**  
**SECURING HEALTH, PROTECTING LIVES**

Protect what matters with cooling solutions  
designed to safeguard health and save lives.

# CHEST FREEZERS

## VT 6-SERIES & VT 7-SERIES

-10°C to -45°C

-40°C to -60°C

### Flexibility to adjust the cooling to your needs

Our chest freezers are built to protect critical healthcare materials under extreme conditions.

They deliver stable, low-temperature performance for long-term preservation of vaccines, biological samples, and research specimens. Cooling can be easily adjusted to match specific requirements, ensuring optimal storage for every application.



| VT 6-SERIES             | VT146         | VT206        | VT306        | VT406        | VT546         |
|-------------------------|---------------|--------------|--------------|--------------|---------------|
| Temperature Range, C°   | -10 to -45    | -10 to -45   | -10 to -45   | -10 to -45   | -10 to -45    |
| Outer Dimensions, HxWxD | 885x725x605   | 885x923x605  | 885x1265x605 | 885x1562x605 | 932x1664x665  |
| Inner Dimensions, HxWxD | 635x560x440   | 635x760x440  | 635x1100x440 | 635x1400x440 | 670x1500x500  |
| Volume, Gross/net, L    | 140 / 133     | 198 / 189    | 296 / 284    | 384 / 368    | 495 / 476     |
| Baskets                 | 1             | 1            | 1            | 1            | 3             |
| Energy Consumption      | 1,865 kWh/24h | 3,14 kWh/24h |              | 4,09 kWh/24h | 4,158 kWh/24h |
| Frequency, Hz           | 50Hz          | 50Hz         | 50Hz         | 50Hz         | 50Hz          |
| Certificates            |               |              |              |              |               |



| VT 7-SERIES             | VT75        | VT147         | VT207        | VT307         | VT407         | VT547         |
|-------------------------|-------------|---------------|--------------|---------------|---------------|---------------|
| Temperature Range, C°   | -40 to -60  | -40 to -60    | -40 to -60   | -40 to -60    | -40 to -60    | -40 to -60    |
| Outer Dimensions, HxWxD | 870x555x555 | 885x725x605   | 885x923x605  | 885x1265x605  | 885x1562x605  | 932x1664x665  |
| Inner Dimensions, HxWxD | 465x390x390 | 635x560x440   | 635x760x440  | 635x1100x440  | 635x1400x440  | 670x1500x500  |
| Volume, Gross/net, L    | 74 / 71     | 140 / 133     | 198 / 189    | 296 / 284     | 384 / 368     | 495 / 476     |
| Baskets                 | 1           | 1             | 1            | 3             | 4             | 3             |
| Energy Consumption      |             | 3,707 kWh/24h | 3,12 kWh/24h | 5,562 kWh/24h | 7,077 kWh/24h | 5,775 kWh/24h |
| Frequency, Hz           | 50Hz        | 50Hz          | 50Hz         | 50Hz          | 50Hz          | 50Hz          |
| Certificates            |             |               |              | ATEX          |               |               |



### **Low temperature freezing**

The VT-series enables temperatures as low as  $-60^{\circ}\text{C}$ , providing the security needed for sensitive materials that demand ultra-cold environments.

# VT 146

## 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.



-10°C  
-45°C

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x725x605                    |
| Inner Dimensions HxWxD, mm     | 635x560x440                    |
| Weight Gross/Net, kg           | 54,4 / 50,5                    |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 4                              |
| Packaging dimensions HxWxD, mm | 900x773x725                    |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | Yes                            |
| Refrigerant, Type              | R290                           |
| 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 | 140 / 133                        |
| 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           |

# VT 146

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -10 to -45 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 5,5        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 105        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 103-114    |
| Refrigerant                                                   |          | R290       |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 1,865      |
| Energy year                                                   | kWh/year | 680,725    |

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# VT 206

## 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.



-10°C  
-45°C

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### 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 / Casters             | Yes                            |
| Refrigerant, Type              | R290                           |
| 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 / 189                        |
| 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           |

# VT 206

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -10 to -45 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 6,4        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 90         |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 96         |
| Refrigerant                                                   |          | R290       |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 3,14       |
| Energy year                                                   | kWh/year | 1146,1     |

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# 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.



-10°C  
-45°C

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x1265x605                   |
| Inner Dimensions HxWxD, mm     | 635x1100x440                   |
| Weight Gross/Net, kg           | 73,2 / 67,6                    |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 6                              |
| Packaging dimensions HxWxD, mm | 900x1313x725                   |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | Yes                            |
| Refrigerant, Type              | R290                           |
| 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 | 296 / 284                        |
| 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           |

# 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -10 to -45 |
| Uniformity in performance - difference +/- from Avg set point | °C       | -          |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 100        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | -          |
| Refrigerant                                                   |          | R290       |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours, in 25°C                                      | kWh/24h  | 3,74       |
| Energy year, in 25°C                                          | kWh/year | 1365       |

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# VT 406

## 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.



-10°C  
-45°C

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### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x1562x605                   |
| Inner Dimensions HxWxD, mm     | 635x1400x440                   |
| Weight Gross/Net, kg           | 94 / 88                        |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 6                              |
| Packaging dimensions HxWxD, mm | 900x1613x725                   |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | Yes                            |
| Refrigerant, Type              | R290                           |
| 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 | 384 / 368                        |
| 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           |

# VT 406

## 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.

| SPECIFICATIONS                                                       |          |            |
|----------------------------------------------------------------------|----------|------------|
| <b>Frequency</b>                                                     | Hz       | 50Hz       |
| <b>Max Ambient</b>                                                   | °C       | 30°C       |
| <b>Max Humidity</b>                                                  | % rh     | 55%        |
| PERFORMANCE                                                          |          |            |
| All data in RT20°C                                                   |          |            |
| <b>Temperature Range</b>                                             | °C       | -10 to -45 |
| <b>Uniformity in performance - difference +/- from Avg set point</b> | °C       | -          |
| <b>Pull down time (from 25 to factory setpoint)</b>                  | Minutes  | 195        |
| <b>Hold over time (from factory SP to -25, -40 and -60) Empty</b>    | Minutes  | -          |
| <b>Refrigerant</b>                                                   |          | R290       |
| <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, in 25°C</b>                                      | kWh/24h  | 2,51       |
| <b>Energy year, in 25°C</b>                                          | kWh/year | 1492,85    |

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# VT 546

## 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.



-10°C  
-45°C

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 932x1664x665                   |
| Inner Dimensions HxWxD, mm     | 670x1500x500                   |
| Weight Gross/Net, kg           | 109 / 93                       |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 16                             |
| Packaging dimensions HxWxD, mm | 1020x1715x785                  |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | Yes                            |
| Refrigerant, Type              | R290                           |
| 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 | 495 / 476                        |
| Baskets              | 3                                |
| 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           |

# VT 546

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -10 to -45 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 2,7        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 169        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 136-142    |
| Refrigerant                                                   |          | R290       |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 4,158      |
| Energy year                                                   | kWh/year | 1517,67    |

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# VT 75

## 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

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 870x555x555                    |
| Inner Dimensions HxWxD, mm     | 465x390x390                    |
| Weight Gross/Net, kg           | 56 / 52                        |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 4                              |
| Packaging dimensions HxWxD, mm | 1055x675x625                   |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | No                             |
| 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 | 74 / 71                          |
| 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           |

# VT 75

## 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.

| PERFORMANCE                                                        |          |            |
|--------------------------------------------------------------------|----------|------------|
| All data in RT20°C                                                 |          |            |
| Frequency                                                          | Hz       | 50Hz       |
| Max Ambient                                                        | °C       | 30°C       |
| Max Humidity                                                       | % rh     | 55%        |
| PERFORMANCE                                                        |          |            |
| All data in RT20°C                                                 |          |            |
| Temperature Range                                                  | °C       | -40 to -60 |
| Uniformity in performance - difference +/- from Avg set point      | °C       | -          |
| Pull down time (from +25° to -40°)                                 | Minutes  | 60         |
| Hold over time (from factory SP to -25, -40 and -60) Empty, In 25° | Minutes  | 80         |
| Refrigerant                                                        |          | Nature R   |
| Number of probes                                                   | pcs      | 1          |
| Defrost                                                            | y/n      | No         |
| Internal air distribution                                          |          | Static     |
| Number of compressors                                              | pcs      | 1          |
| Safety thermostat                                                  | y/n      | No         |
| Energy 24 hours, in 25°                                            | kWh/24h  | 2,24       |
| Energy year                                                        | kWh/year | 818        |

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# VT 147

## 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

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x725x605                    |
| Inner Dimensions HxWxD, mm     | 635x560x440                    |
| Weight Gross/Net, kg           | 54,6 / 50,7                    |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 4                              |
| Packaging dimensions HxWxD, mm | 900x773x725                    |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | 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 | 140 / 133                        |
| 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           |

# VT 147

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -40 to -60 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 6,2        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 143        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 86-92      |
| Refrigerant                                                   |          | Nature R   |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 3,707      |
| Energy year                                                   | kWh/year | 1353,055   |

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

# 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

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### 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 / Casters             | 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 / 189                        |
| 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           |

# 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.

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

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

# VT 307

## 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.



Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x1265x605                   |
| Inner Dimensions HxWxD, mm     | 635x1100x440                   |
| Weight Gross/Net, kg           | 82 / 76                        |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 6                              |
| Packaging dimensions HxWxD, mm | 900x1313x725                   |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | 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 | 296 / 284                        |
| Baskets              | 3                                |
| 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           |

# VT 307

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -40 to -60 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 5,0        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 160        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 75-83      |
| Refrigerant                                                   |          | Nature R   |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 5,562      |
| Energy year                                                   | kWh/year | 2030,13    |

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# VT 407

## 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.



Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 885x1562x605                   |
| Inner Dimensions HxWxD, mm     | 635x1400x440                   |
| Weight Gross/Net, kg           | 88 / 82                        |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 6                              |
| Packaging dimensions HxWxD, mm | 900x1613x725                   |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | 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 | 384 / 368                        |
| Baskets              | 4                                |
| 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           |

# VT 407

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -40 to -60 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 2,9        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 165        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 80-88      |
| Refrigerant                                                   |          | Nature R   |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 7,077      |
| Energy year                                                   | kWh/year | 2583,105   |

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

# VT 547

## 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.



Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

### DIMENSIONS

|                                |                                |
|--------------------------------|--------------------------------|
| Outer Dimensions HxWxD, mm     | 932x1664x665                   |
| Inner Dimensions HxWxD, mm     | 670x1500x500                   |
| Weight Gross/Net, kg           | 116 / 100                      |
| Material inner cabinet         | Painted Steel                  |
| Material outer cabinet         | Painted Steel                  |
| Packaging weight, kg           | 16                             |
| Packaging dimensions HxWxD, mm | 1020x1715x785                  |
| Insulation thickness, mm       | 80                             |
| Insulation type                | Polyurethane with Cyclopentane |
| Mobility / Casters             | 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 | 495 / 476                        |
| Baskets              | 3                                |
| 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           |

# VT 547

## 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.

| PERFORMANCE                                                   |          |            |
|---------------------------------------------------------------|----------|------------|
| All data in RT20°C                                            |          |            |
| Frequency                                                     | Hz       | 50Hz       |
| Max Ambient                                                   | °C       | 30°C       |
| Max Humidity                                                  | % rh     | 55%        |
| PERFORMANCE                                                   |          |            |
| All data in RT20°C                                            |          |            |
| Temperature Range                                             | °C       | -40 to -60 |
| Uniformity in performance - difference +/- from Avg set point | °C       | 4,8        |
| Pull down time (from 25 to factory setpoint)                  | Minutes  | 176        |
| Hold over time (from factory SP to -25, -40 and -60) Empty    | Minutes  | 76-81      |
| Refrigerant                                                   |          | Nature R   |
| Number of probes                                              | pcs      | 1          |
| Defrost                                                       | y/n      | No         |
| Internal air distribution                                     |          | Static     |
| Number of compressors                                         | pcs      | 1          |
| Safety thermostat                                             | y/n      | No         |
| Energy 24 hours                                               | kWh/24h  | 5,775      |
| Energy year                                                   | kWh/year | 2107,875   |

Products are subject to change due to enhancements and continuous development. Vestfrost Solutions reserve the right to alter any information, without further notice.

# I-CARE CONTROLLER

The i-CARE controller is the intelligent control hub of your appliance, giving you instant access to storage data, maintenance schedules, and settings – all in one place.

With intuitive icons, logical menus, and fast response, operating biomedical appliances has never been easier.

## **Safety & identification**

- Name device
- Set password for restricted parameters

## **Visual & acoustic alarms**

- High/low temperature
- Open door
- Probe failure

## **Datalogging & live graph**

- Integrated datalogging for documentation
- Plug and play system
- Extract reports via USB
- Live graph for quick overview
- Stores data for up to 3 years

## **Customizability**

- Change alarm settings
- Change temperature shown
- Lighting control





## Complexity made simple

The 5-inch touch screen is simple to navigate, with intuitive icons and customizable settings tailored to the needs of professionals.

On first startup, it guides you through a quick installation process, allowing you to select profile settings for medicines stored chilled or at room temperature.



## Adaptive Cooling Technology™

Our Adaptive Cooling Technology™ delivers key advantages:

- Low noise for a comfortable work environment
- Lower energy consumption
- Fast temperature recovery
- Best in class temperature stability and efficient performance

This means that medical contents are stored in reliable & safe conditions – always.



## Info Center

Accurate information and documentation are essential when storing sensitive biomedical materials. By continuously monitoring and making data easily accessible, we ensure full visibility of precious inventory.

Temperature readings, datalogging, live graphs, and event tracking provide complete control and peace of mind.

