

# CATALOGUE

Apollo Laboratory Technology



# About Apollo

**Apollo Laboratory Technology supplies machines and equipment for many different applications.**

We specialise in thermal equipment: machines for heating, cooling or conditioning. We can also supply and develop equipment for related matters, such as cleaning, (quick) drying or humidification. These can be both standard products and innovative customised solutions. In close cooperation with our customers and partners, we strive every day to exceed our customers' expectations and (continue to) amaze them.



# Product range Apollo

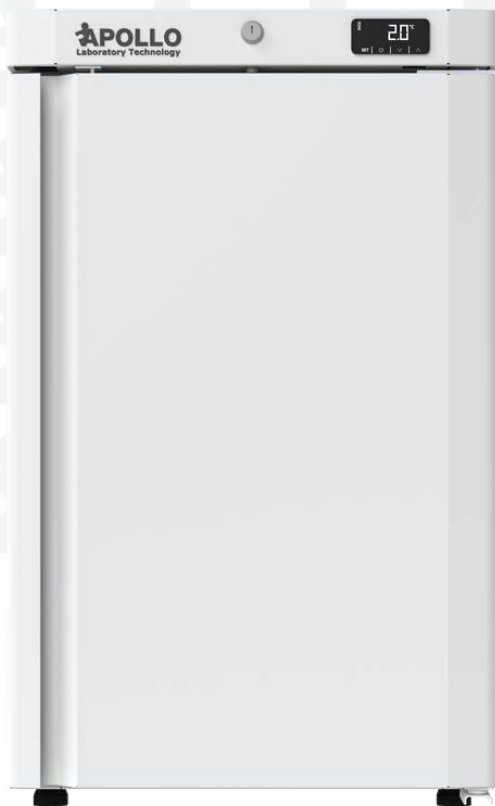


|   |                    |
|---|--------------------|
| Laboratory refrigerators.....                         | ALC                |
| Laboratory refrigerators 2 compartments.....          | ALC / ALC          |
| Laboratory refrigerators/freezers 2 compartments..... | ALC / SLTM         |
| Laboratory refrigerators with extraction.....         | ALC-EXG            |
| Laboratory freezers.....                              | SLTM               |
| Low temperature cabinets .....                        | STMB               |
| Ultra low freezers.....                               | ULN                |
| Pharmaceutical refrigerators.....                     | PHA                |
| Drying ovens.....                                     | INo-DRY / HUMi-DRY |
| Climate cabinets.....                                 | CLH                |
| Climate cabinets with CO2.....                        | CLH-CO2            |
| Walk-in climate chambers.....                         | Walk in CLH        |
| Pass through refrigerators.....                       | PASS-LC            |
| Refrigerator and incubator extraction.....            | SYN                |

Refrigerator

# ALC 55

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 50 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 55



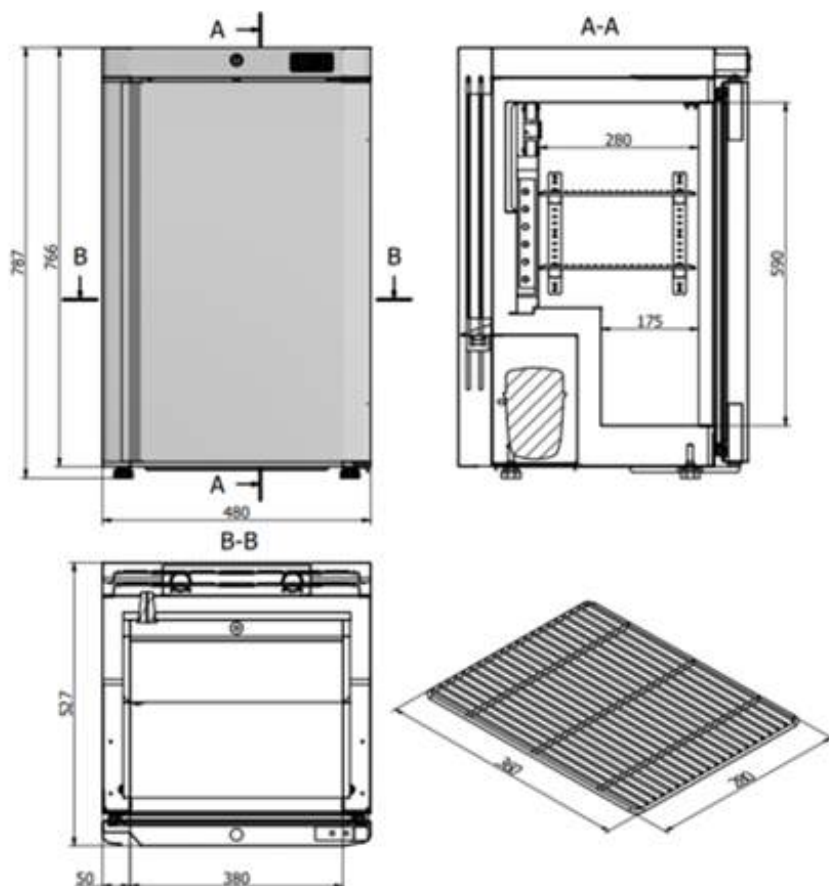
Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



## Technical specifications:

|  | Width            | Depth   | Height |
|--|------------------|---------|--------|
| External dimensions [mm]               | 480              | 527     | 787    |
| Internal dimensions [mm]               | 380              | 280/175 | 590    |
| Cooling unit type                      | Internal         |         |        |
| Cooling type                           | Dynamic          |         |        |
| Gross capacity                         | 55 [liters]      |         |        |
| Net capacity                           | 50 [liters]      |         |        |
| Weight                                 | 70 [kg]          |         |        |
| Max. load                              | 40 [kg]          |         |        |
| Number of shelves                      | 2                |         |        |
| Number of guides / horizontal supports | 8                |         |        |
| Max. shelf load                        | 20 [kg]          |         |        |
| Temperature range                      | +2...+10 [°C]    |         |        |
| Ambient conditions                     | +25 °C at 60% HR |         |        |
| Refrigerant                            | R600a            |         |        |
| Power                                  | 230/50 [V/Hz]    |         |        |
| Number of doors                        | 1                |         |        |
| Daily energy consumption               | 2.3 [kWh/24h]    |         |        |
| Noise level                            | 50 [db]          |         |        |
| Power rating                           | 190 [W]          |         |        |
| Rated current                          | 0.8 [A]          |         |        |

Refrigerator

# ALC 55 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 50 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable feet
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC 55 GLASS



Environmentally friendly refrigerant



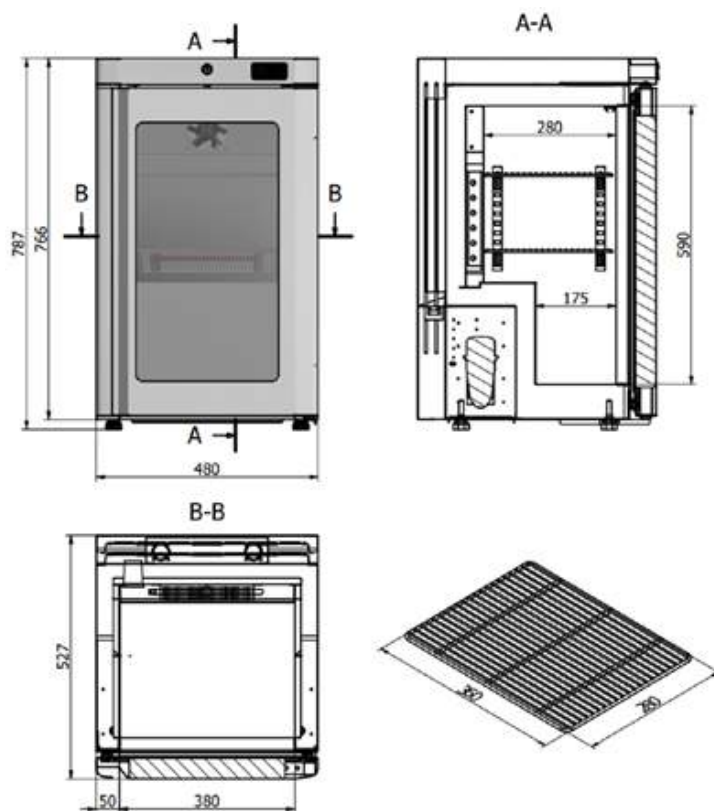
Antifreeze system



Access port Ø10mm



LED lighting



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 480                | 527     | 787    |
| Internal dimensions [mm]               | 380                | 280/175 | 590    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Dynamic            |         |        |
| Gross capacity                         | 55 [liters]        |         |        |
| Net capacity                           | 50 [liters]        |         |        |
| Weight                                 | 70 [kg]            |         |        |
| Max. load                              | 40 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 8                  |         |        |
| Max. shelf load                        | 20 [kg]            |         |        |
| Temperature range                      | +2...+10 [°C]      |         |        |
| Ambient conditions                     | +25 [°C] op 60% HR |         |        |
| Refrigerant                            | R600a              |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of external doors               | 1                  |         |        |
| Daily energy consumption               | 2.3 [kWh/24h]      |         |        |
| Noise level                            | 50 [db]            |         |        |
| Power rating                           | 200 [W]            |         |        |
| Rated current                          | 0.9 [A]            |         |        |

Refrigerator

# ALC 100

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED illumination
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC 100



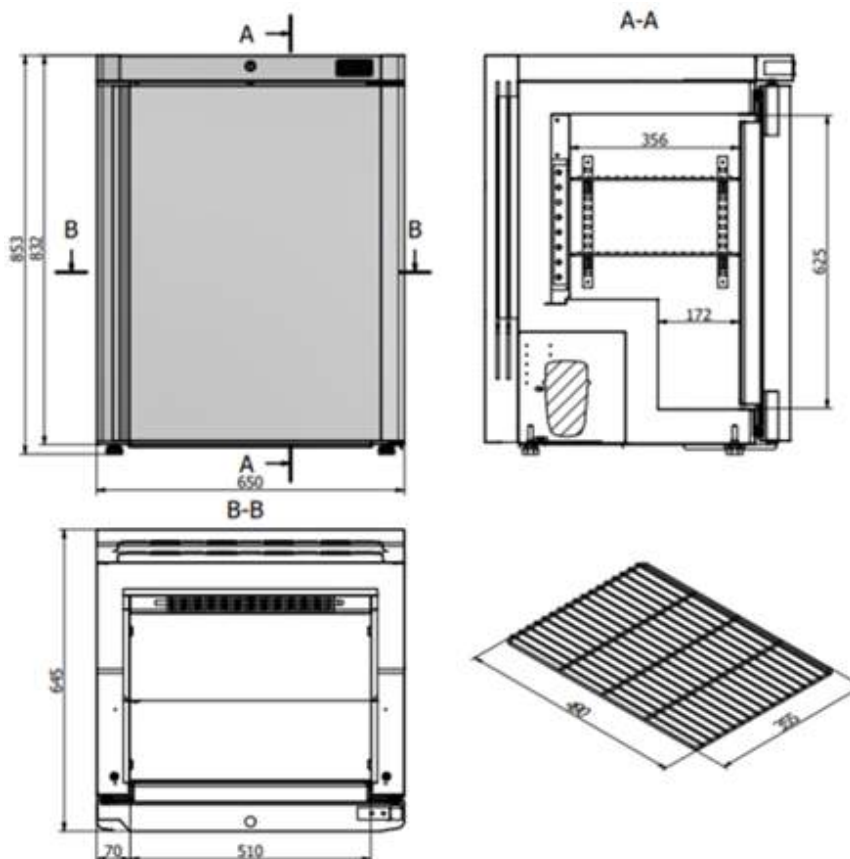
Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 650                | 645     | 853    |
| Internal dimensions [mm]               | 510                | 356/172 | 625    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Dynamic            |         |        |
| Gross capacity                         | 90 [liters]        |         |        |
| Net capacity                           | 85 [liters]        |         |        |
| Weight                                 | 90 [kg]            |         |        |
| Max. load                              | 60 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 8                  |         |        |
| Max. shelf load                        | 25 [kg]            |         |        |
| Temperature range                      | +2...+10 [°C]      |         |        |
| Ambient conditions                     | +25 [°C] op 60% HR |         |        |
| Refrigerant                            | R600a              |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of external doors               | 1                  |         |        |
| Daily energy consumption               | 2.6 [kWh/24h]      |         |        |
| Noise level                            | 50 [db]            |         |        |
| Power rating                           | 220 [W]            |         |        |
| Rated current                          | 0.9 [A]            |         |        |

Refrigerator

# ALC 100 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable feet
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 100 GLASS



Environmentally friendly refrigerant



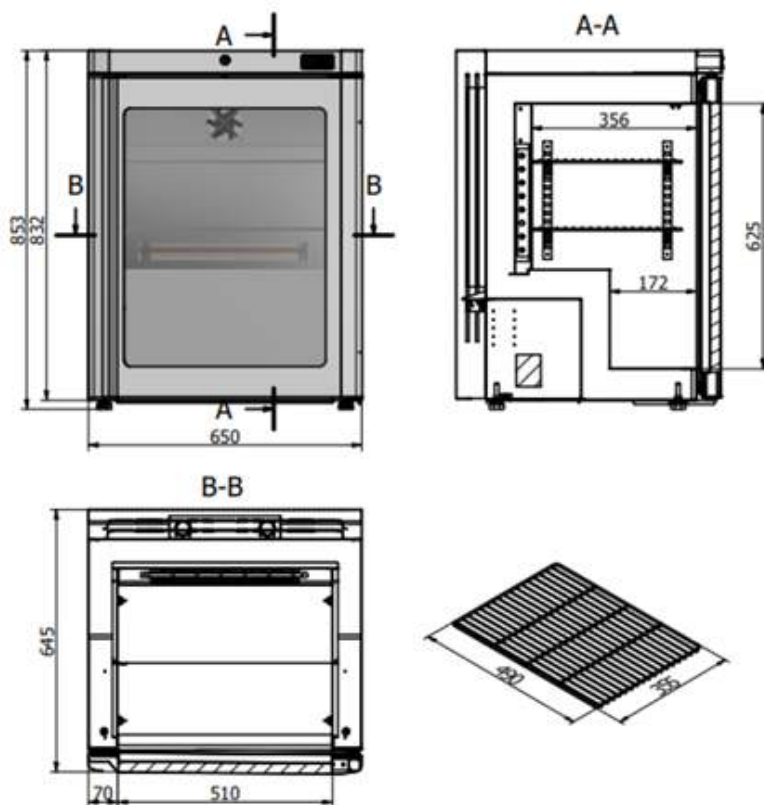
Antifreeze system



Access port Ø10mm



LED lighting



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 650                | 645     | 853    |
| Internal dimensions [mm]               | 510                | 356/172 | 625    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Dynamic            |         |        |
| Gross capacity                         | 90 [liters]        |         |        |
| Net capacity                           | 85 [liters]        |         |        |
| Weight                                 | 90 [kg]            |         |        |
| Max. load                              | 60 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 8                  |         |        |
| Max. shelf load                        | 25 [kg]            |         |        |
| Temperature range                      | +2...+10 [°C]      |         |        |
| Ambient conditions                     | +25 [°C] op 60% HR |         |        |
| Refrigerant                            | R600a              |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of external doors               | 1                  |         |        |
| Daily energy consumption               | 2.7 [kWh/24h]      |         |        |
| Noise level                            | 51 [db]            |         |        |
| Power rating                           | 230 [W]            |         |        |
| Rated current                          | 1.0 [A]            |         |        |

Refrigerator

# ALC 300

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Inside made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 300



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



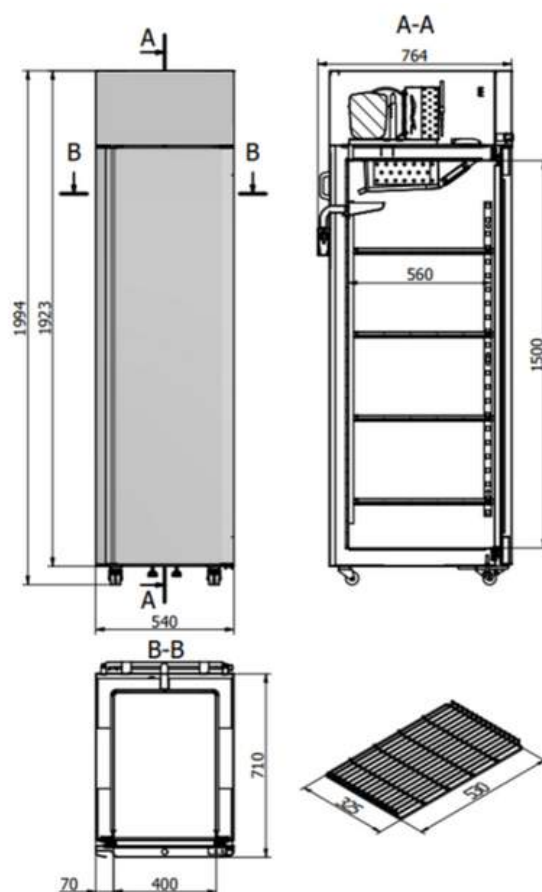
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 540                | 764 (710) | 1994   |
| Internal dimensions [mm]               | 400                | 560       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 300 [liters]       |           |        |
| Net capacity                           | 260 [liters]       |           |        |
| Weight                                 | 100 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 3.2 [kWh/24h]      |           |        |
| Noise level                            | 52 [db]            |           |        |
| Power rating                           | 270 [W]            |           |        |
| Rated current                          | 1.1 [A]            |           |        |

Refrigerator

# ALC 300 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC 300 GLASS



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



Possibility of changing doors L/R



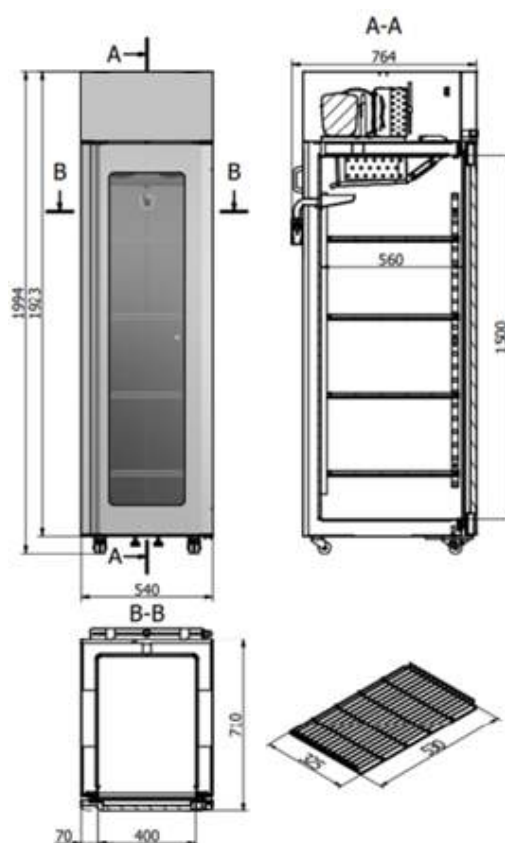
4 swivel casters, 2 of which have brakes



2 additional adjustable feet



LED lighting



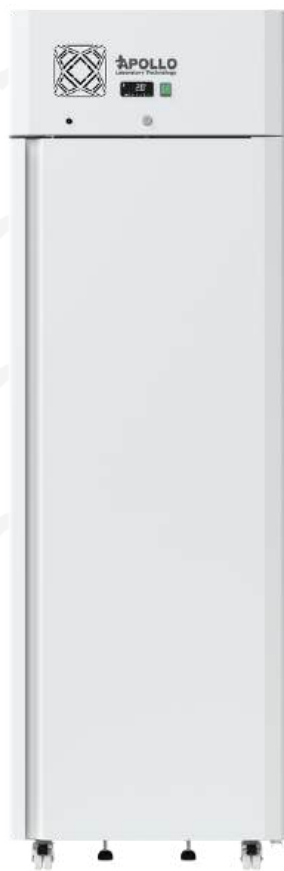
## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 540                | 764 (710) | 1994   |
| Internal dimensions [mm]               | 400                | 560       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 300 [liters]       |           |        |
| Net capacity                           | 260 [liters]       |           |        |
| Weight                                 | 100 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 3.5 [kWh/24h]      |           |        |
| Noise level                            | 53 [db]            |           |        |
| Power rating                           | 290 [W]            |           |        |
| Rated current                          | 1.2 [A]            |           |        |

Refrigerator

# ALC 500

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 500



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



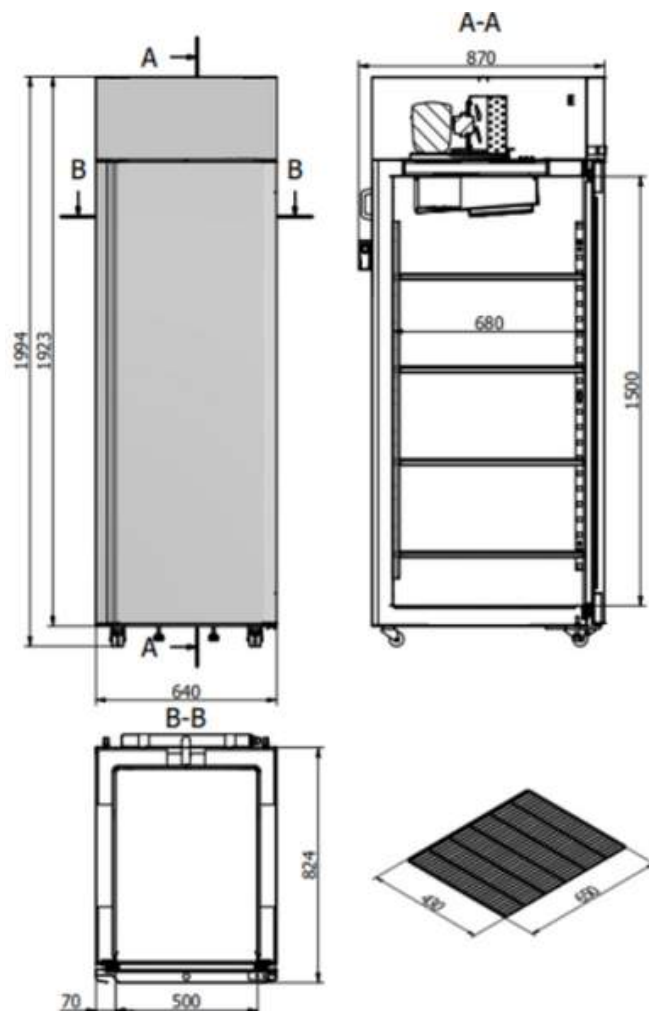
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 640                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 500 [liters]       |           |        |
| Net capacity                           | 480 [liters]       |           |        |
| Weight                                 | 120 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 5.1 [kWh/24h]      |           |        |
| Noise level                            | 54 [db]            |           |        |
| Power rating                           | 430 [W]            |           |        |
| Rated current                          | 1.9 [A]            |           |        |

Refrigerator

# ALC 500 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 2 castors with brake and 2 castors without brake
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 500 GLASS



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



Possibility of changing doors L/R



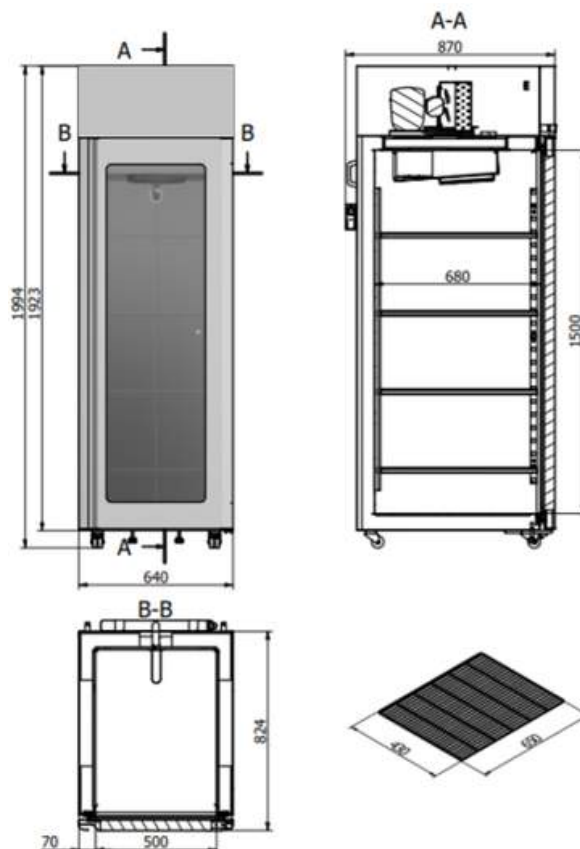
4 swivel casters, 2 of which have brakes



2 additional adjustable feet



LED lighting



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 640                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 500 [liters]       |           |        |
| Net capacity                           | 480 [liters]       |           |        |
| Weight                                 | 125 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 5.4 [kWh/24h]      |           |        |
| Noise level                            | 54 [db]            |           |        |
| Power rating                           | 450 [W]            |           |        |
| Rated current                          | 2.0 [A]            |           |        |

Refrigerator

# ALC 700

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 2 castors with brake and 2 castors without brake
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC 700



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



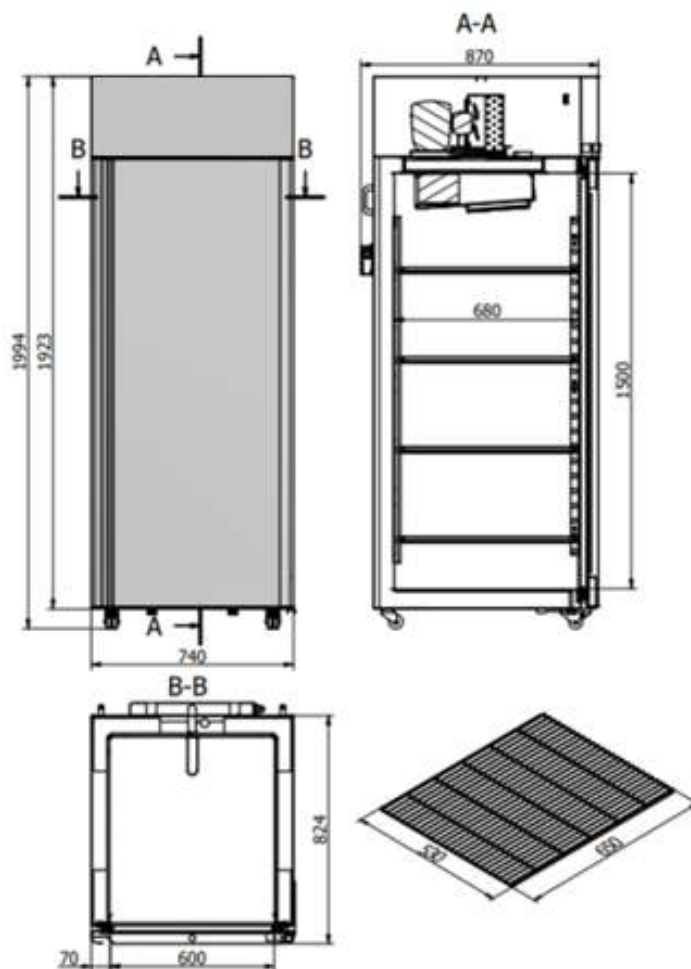
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 610 [liters]       |           |        |
| Net capacity                           | 580 [liters]       |           |        |
| Weight                                 | 130 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 5.9 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 500 [W]            |           |        |
| Rated current                          | 2.1 [A]            |           |        |

Refrigerator

# ALC 700 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 700<sup>GLASS</sup>



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



Possibility of changing doors L/R



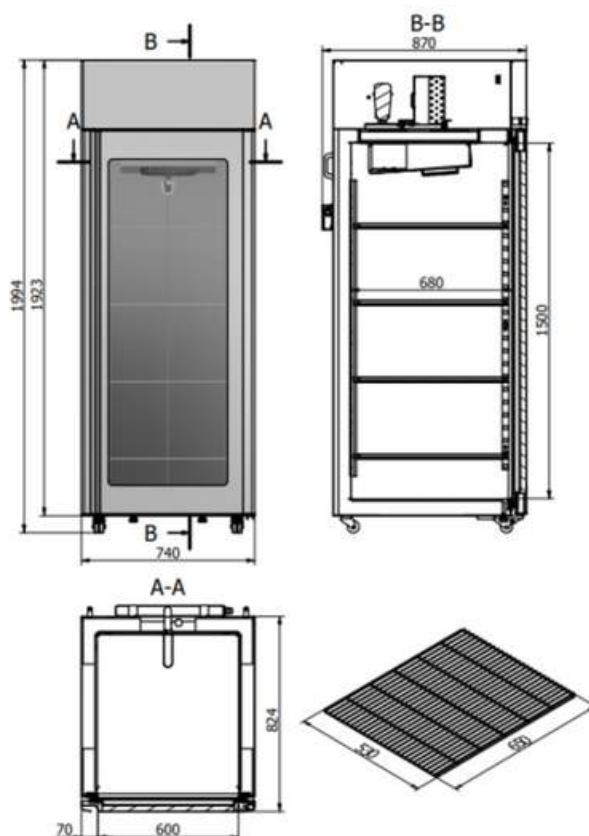
4 swivel casters, 2 of which have brakes



2 additional adjustable feet



LED lighting



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 610 [liters]       |           |        |
| Net capacity                           | 580 [liters]       |           |        |
| Weight                                 | 145 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 6.0 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 520 [W]            |           |        |
| Rated current                          | 2.2 [A]            |           |        |

Refrigerator

# ALC 1400

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at back of unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC 1400



Environmentally friendly refrigerant



Antifreeze system



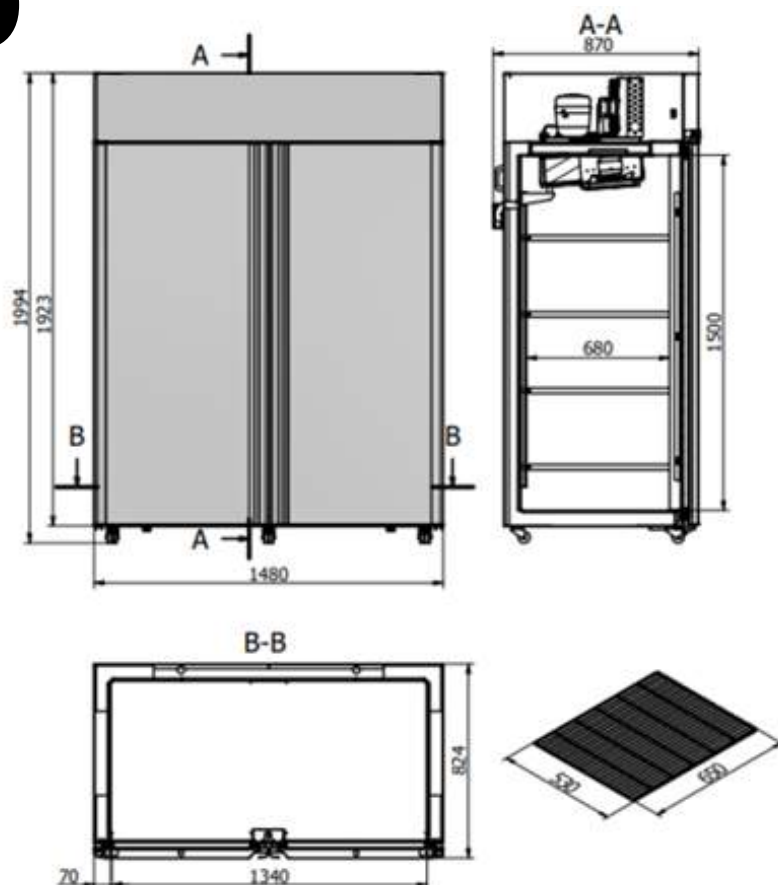
Access port Ø10mm



5 swivel casters, 3 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 1480               | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340               | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 1360 [liters]      |           |        |
| Net capacity                           | 1260 [liters]      |           |        |
| Weight                                 | 170 [kg]           |           |        |
| Max. load                              | 240 [kg]           |           |        |
| Number of shelves                      | 8                  |           |        |
| Number of guides / horizontal supports | 16                 |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 2                  |           |        |
| Daily energy consumption               | 7.9 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 700 [W]            |           |        |
| Rated current                          | 3.0 [A]            |           |        |

Refrigerator

# ALC 1400 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass doors with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC 1400 GLASS



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



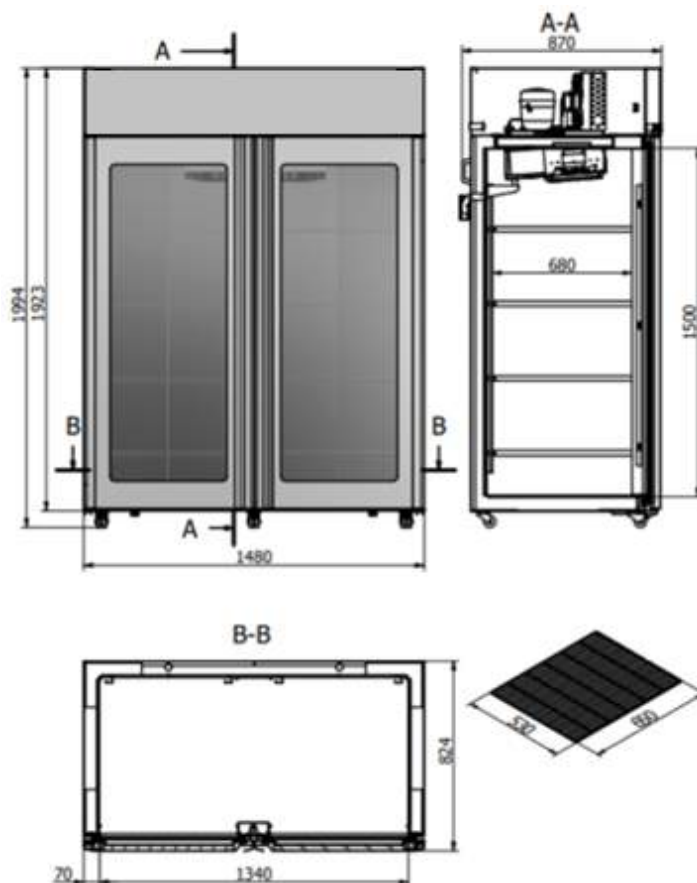
5 swivel casters, 3 of which have brakes



2 additional adjustable feet



LED lighting



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 1480               | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340               | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 1360 [liters]      |           |        |
| Net capacity                           | 1260 [liters]      |           |        |
| Weight                                 | 205 [kg]           |           |        |
| Max. load                              | 240 [kg]           |           |        |
| Number of shelves                      | 8                  |           |        |
| Number of guides / horizontal supports | 16                 |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 2                  |           |        |
| Daily energy consumption               | 8.0 [kWh/24h]      |           |        |
| Noise level                            | 57 [db]            |           |        |
| Power rating                           | 730 [W]            |           |        |
| Rated current                          | 3.7 [A]            |           |        |

Refrigerator / Refrigerator

# ALC / ALC 300

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 60 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC / ALC 300



Environmentally friendly refrigerant



Antifreeze system



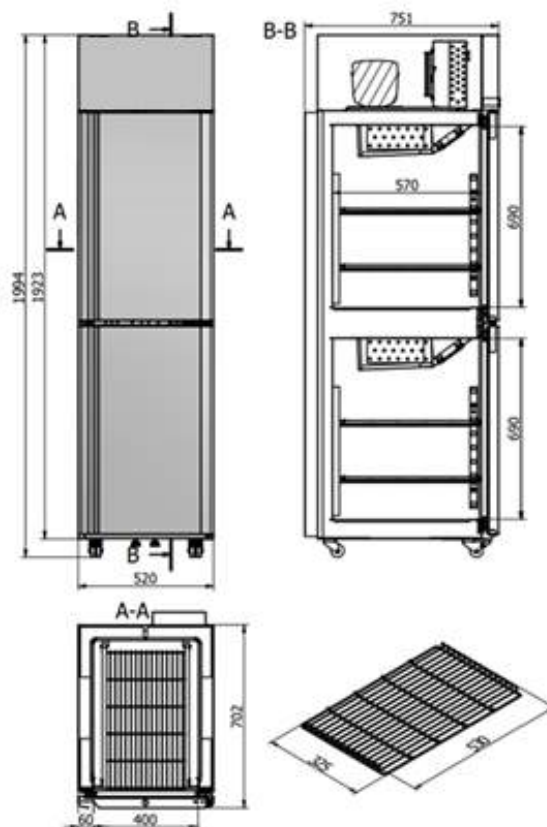
Access port Ø10mm



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width                         | Depth     | Height |
|--|-------------------------------|-----------|--------|
| External dimensions [mm]               | 520                           | 751 (702) | 1994   |
| Internal dimensions [mm]               | 400x2                         | 570x2     | 690x2  |
| Cooling unit type                      | Internal                      |           |        |
| Cooling type                           | Dynamic                       |           |        |
| Gross capacity (chamber 1)             | 150 [liters]                  |           |        |
| Gross capacity (chamber 2)             | 150 [liters]                  |           |        |
| Net capacity (chamber 1)               | 120 [liters]                  |           |        |
| Net capacity (chamber 1)               | 120 [liters]                  |           |        |
| Weight                                 | 120 [kg]                      |           |        |
| Max. load                              | 120 [kg]                      |           |        |
| Number of shelves                      | 4                             |           |        |
| Number of guides / horizontal supports | 8                             |           |        |
| Max. shelf load                        | 30 [kg]                       |           |        |
| Temperature range                      | +2...+10 [°C]                 |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR            |           |        |
| Refrigerant                            | R290                          |           |        |
| Power                                  | 230/50 [V/Hz]                 |           |        |
| Number of external doors               | 2                             |           |        |
| Daily energy consumption               | 3.0 [kWh/24h] / 3.0 [kWh/24h] |           |        |
| Noise level                            | 53 [db]                       |           |        |
| Power rating                           | 300/300 [W]                   |           |        |
| Rated current                          | 1.3/1.3 [A]                   |           |        |

Refrigerator / Refrigerator

# ALC / ALC 700

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 60 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC / ALC 700



Environmentally friendly refrigerant



Antifreeze system



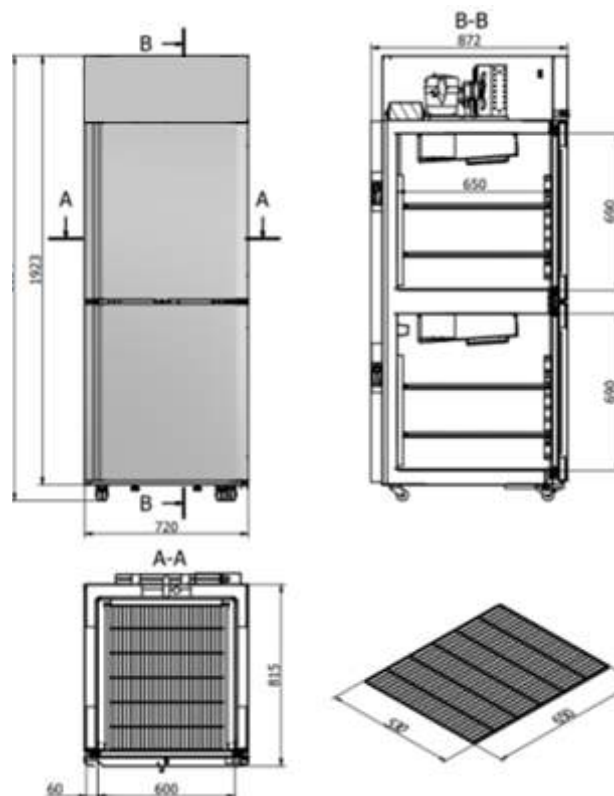
Access port Ø10mm



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width                         | Depth     | Height |
|--|-------------------------------|-----------|--------|
| External dimensions [mm]               | 720                           | 872 (815) | 1994   |
| Internal dimensions [mm]               | 600x2                         | 650x2     | 690x2  |
| Cooling unit type                      | Internal                      |           |        |
| Cooling type                           | Dynamic                       |           |        |
| Gross capacity (chamber 1)             | 305 [liters]                  |           |        |
| Gross capacity (chamber 2)             | 305 [liters]                  |           |        |
| Net capacity (chamber 1)               | 255 [liters]                  |           |        |
| Net capacity (chamber 1)               | 255 [liters]                  |           |        |
| Weight                                 | 150 [kg]                      |           |        |
| Max. load                              | 120 [kg]                      |           |        |
| Number of shelves                      | 4                             |           |        |
| Number of guides / horizontal supports | 8                             |           |        |
| Max. shelf load                        | 30 [kg]                       |           |        |
| Temperature range                      | +2...+10 [°C]                 |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR            |           |        |
| Refrigerant                            | R290                          |           |        |
| Power                                  | 230/50 [V/Hz]                 |           |        |
| Number of external doors               | 2                             |           |        |
| Daily energy consumption               | 3.2 [kWh/24h] / 3.2 [kWh/24h] |           |        |
| Noise level                            | 55 [db]                       |           |        |
| Power rating                           | 400/400 [W]                   |           |        |
| Rated current                          | 1.7/1.7 [A]                   |           |        |

Refrigerator / Freezer

# ALC / SLTM 300

+2...+10°C / -10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 60 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system (cooling)
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC / SLTM 300



Environmentally friendly refrigerant



Antifreeze system



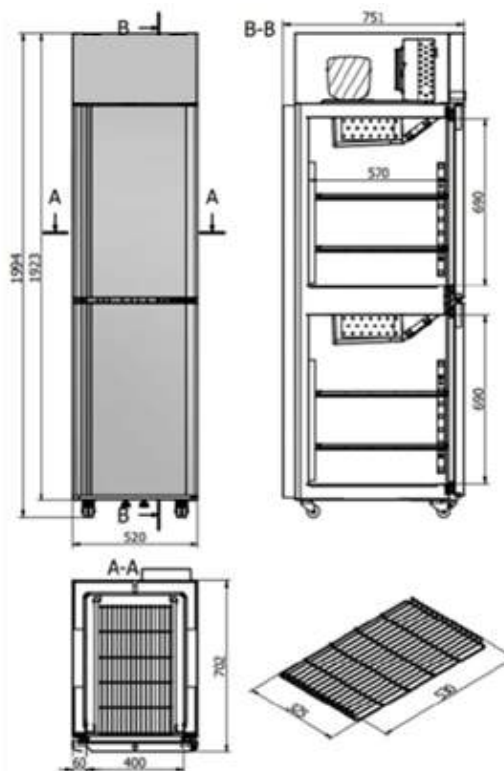
Access port Ø10mm



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width                         | Depth     | Height |
|--|-------------------------------|-----------|--------|
| External dimensions [mm]               | 520                           | 751 (702) | 1994   |
| Internal dimensions [mm]               | 400x2                         | 570x2     | 690x2  |
| Cooling unit type                      | Internal                      |           |        |
| Cooling type                           | Dynamic                       |           |        |
| Gross capacity (chamber 1)             | 150 [liters]                  |           |        |
| Gross capacity (chamber 2)             | 150 [liters]                  |           |        |
| Net capacity (chamber 1)               | 120 [liters]                  |           |        |
| Net capacity (chamber 1)               | 120 [liters]                  |           |        |
| Weight                                 | 120 [kg]                      |           |        |
| Max. load                              | 120 [kg]                      |           |        |
| Number of shelves                      | 4                             |           |        |
| Number of guides / horizontal supports | 8                             |           |        |
| Max. shelf load                        | 30 [kg]                       |           |        |
| Temperature range                      | +2...+10 / -10... -30 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR            |           |        |
| Refrigerant                            | R290                          |           |        |
| Power                                  | 230/50 [V/Hz]                 |           |        |
| Number of external doors               | 2                             |           |        |
| Daily energy consumption               | 2.6 [kWh/24h] / 4.7 [kWh/24h] |           |        |
| Noise level                            | 53 [db]                       |           |        |
| Power rating                           | 300/400 [W]                   |           |        |
| Rated current                          | 1.3/1.7 [A]                   |           |        |

Refrigerator / Freezer

# ALC / SLTM 700

+2...+10°C / -10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 60 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system (cooling)
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC / SLTM 700



Environmentally friendly refrigerant



Antifreeze system



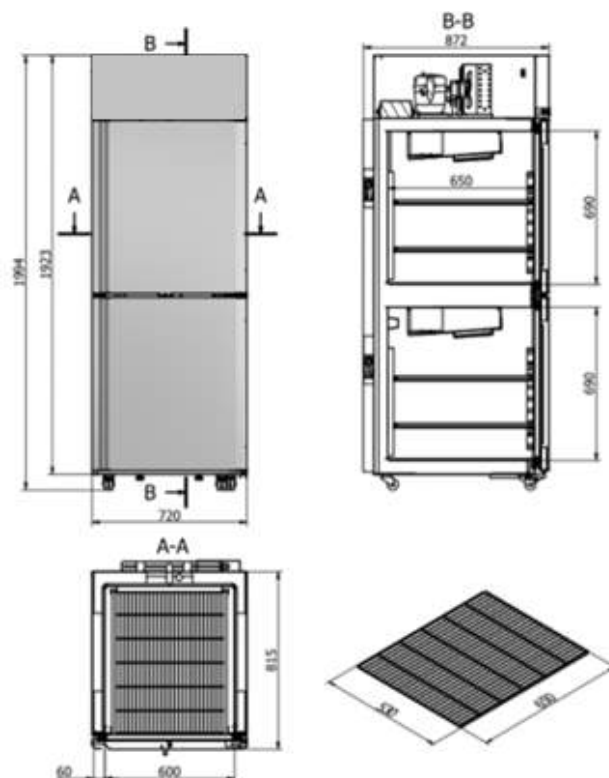
Access port Ø10mm



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width                         | Depth     | Height |
|--|-------------------------------|-----------|--------|
| External dimensions [mm]               | 720                           | 872 (815) | 1994   |
| Internal dimensions [mm]               | 600x2                         | 650x2     | 690x2  |
| Cooling unit type                      | Internal                      |           |        |
| Cooling type                           | Dynamic                       |           |        |
| Gross capacity (chamber 1)             | 305 [liters]                  |           |        |
| Gross capacity (chamber 2)             | 305 [liters]                  |           |        |
| Net capacity (chamber 1)               | 255 [liters]                  |           |        |
| Net capacity (chamber 1)               | 255 [liters]                  |           |        |
| Weight                                 | 150 [kg]                      |           |        |
| Max. load                              | 120 [kg]                      |           |        |
| Number of shelves                      | 4                             |           |        |
| Number of guides / horizontal supports | 8                             |           |        |
| Max. shelf load                        | 30 [kg]                       |           |        |
| Temperature range                      | +2...+10 / -10... -30 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR            |           |        |
| Refrigerant                            | R290                          |           |        |
| Power                                  | 230/50 [V/Hz]                 |           |        |
| Number of external doors               | 2                             |           |        |
| Daily energy consumption               | 3.2 [kWh/24h] / 6.9 [kWh/24h] |           |        |
| Noise level                            | 55 [db]                       |           |        |
| Power rating                           | 400/600 [W]                   |           |        |
| Rated current                          | 2.0/2.6 [A]                   |           |        |

Atex refrigerator with extraction

# ALC-EXG 100

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ Built-in safety mechanisms prevent opening the cabinet before the hazardous atmosphere is extracted.
- ✓ Easy to connect to existing extraction systems
- ✓ ATEX internal Cat. 3 Zone 2 requirements
- ✓ Pulse button
- ✓ Extraction can be set according to timer
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ LED illumination
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC-EXG 100



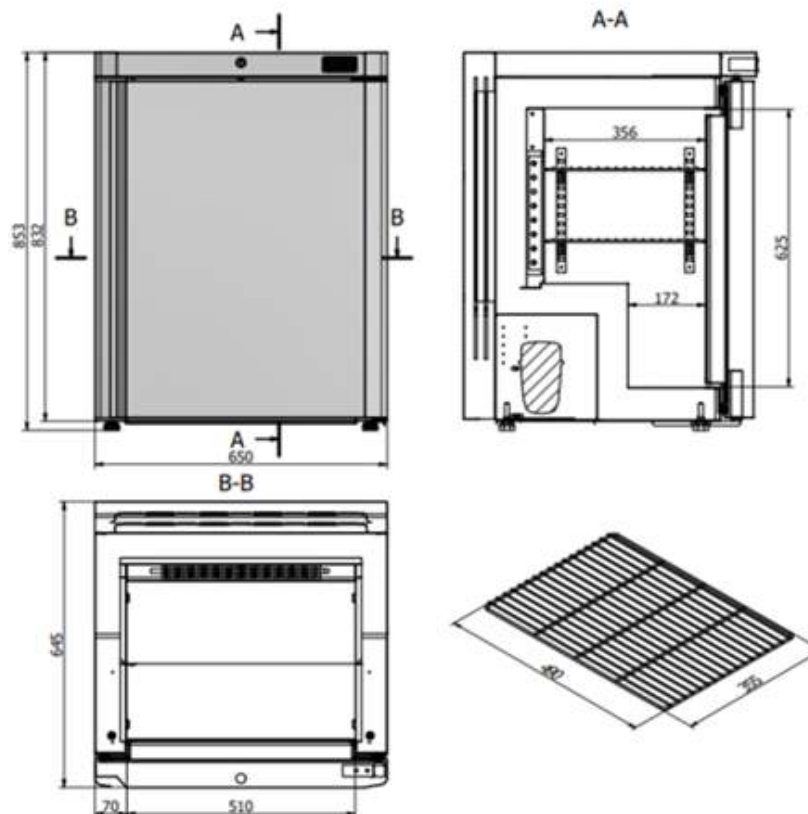
Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 650                | 645     | 853    |
| Internal dimensions [mm]               | 510                | 356/172 | 625    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Dynamic            |         |        |
| Gross capacity                         | 90 [liters]        |         |        |
| Net capacity                           | 85 [liters]        |         |        |
| Weight                                 | 90 [kg]            |         |        |
| Max. load                              | 60 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 8                  |         |        |
| Max. shelf load                        | 25 [kg]            |         |        |
| Temperature range                      | +2...+10 [°C]      |         |        |
| Ambient conditions                     | +25 [°C] op 60% HR |         |        |
| Refrigerant                            | R600a              |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of external doors               | 1                  |         |        |
| Daily energy consumption               | 2.6 [kWh/24h]      |         |        |
| Noise level                            | 50 [db]            |         |        |
| Power rating                           | 220 [W]            |         |        |
| Rated current                          | 0.9 [A]            |         |        |

Atex refrigerator with extraction

# ALC-EXG 100 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ Built-in safety mechanisms prevent opening the cabinet before the hazardous atmosphere is extracted.
- ✓ Easy to connect to existing extraction systems
- ✓ ATEX internal Cat. 3 Zone 2 requirements
- ✓ Pulse button
- ✓ Extraction can be set according to timer
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC-EXG 100 GLASS



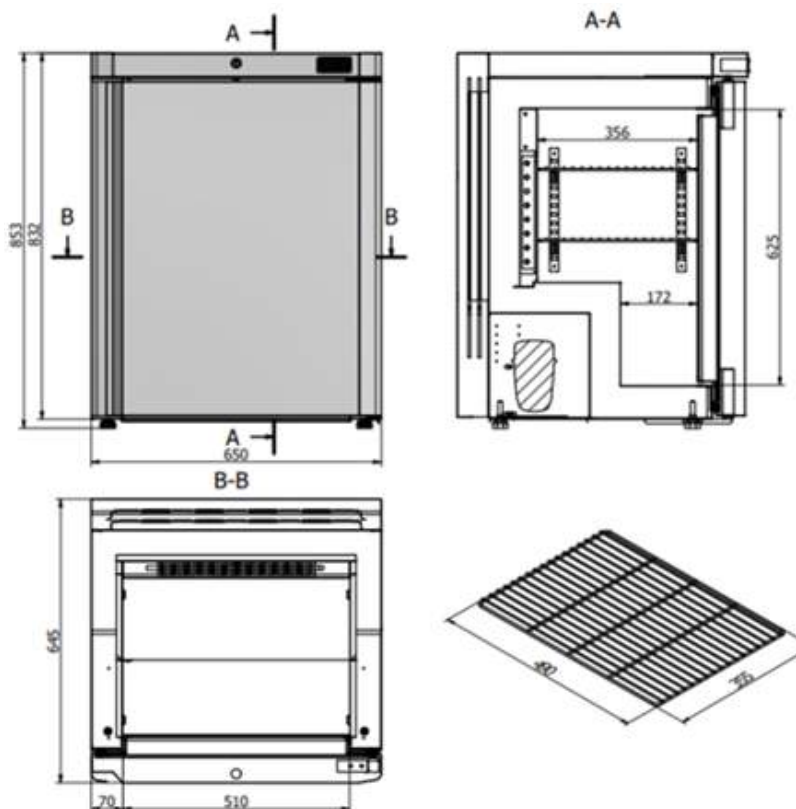
Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 650                | 645     | 853    |
| Internal dimensions [mm]               | 510                | 356/172 | 625    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Dynamic            |         |        |
| Gross capacity                         | 90 [liters]        |         |        |
| Net capacity                           | 85 [liters]        |         |        |
| Weight                                 | 90 [kg]            |         |        |
| Max. load                              | 60 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 8                  |         |        |
| Max. shelf load                        | 25 [kg]            |         |        |
| Temperature range                      | +2...+10 [°C]      |         |        |
| Ambient conditions                     | +25 [°C] op 60% HR |         |        |
| Refrigerant                            | R600a              |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of external doors               | 1                  |         |        |
| Daily energy consumption               | 2.6 [kWh/24h]      |         |        |
| Noise level                            | 50 [db]            |         |        |
| Power rating                           | 220 [W]            |         |        |
| Rated current                          | 0.9 [A]            |         |        |

Atex refrigerator with extraction

# ALC-EXG 700

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ Built-in safety mechanisms prevent opening the cabinet before the hazardous atmosphere is extracted.
- ✓ Easy to connect to existing extraction systems
- ✓ ATEX internal Cat. 3 Zone 2 requirements
- ✓ Pulse button
- ✓ Extraction can be set according to timer
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC-EXG 700



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



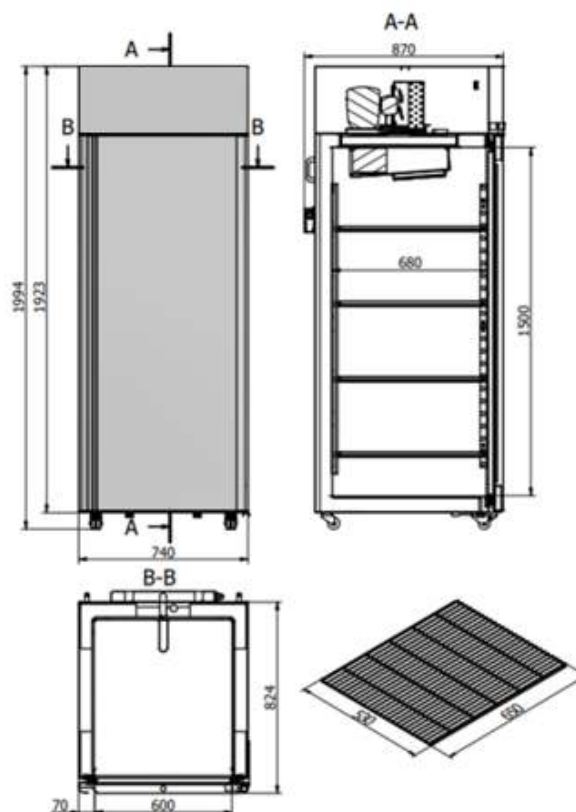
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 610 [liters]       |           |        |
| Net capacity                           | 580 [liters]       |           |        |
| Weight                                 | 130 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 5.9 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 500 [W]            |           |        |
| Rated current                          | 2.1 [A]            |           |        |

Atex refrigerator with extraction

# ALC-EXG 700 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ Built-in safety mechanisms prevent opening the cabinet before the hazardous atmosphere is extracted.
- ✓ Easy to connect to existing extraction systems
- ✓ ATEX internal Cat. 3 Zone 2 requirements
- ✓ Pulse button
- ✓ Extraction can be set according to timer
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC-EXG 700 GLASS



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



Possibility of changing doors L/R



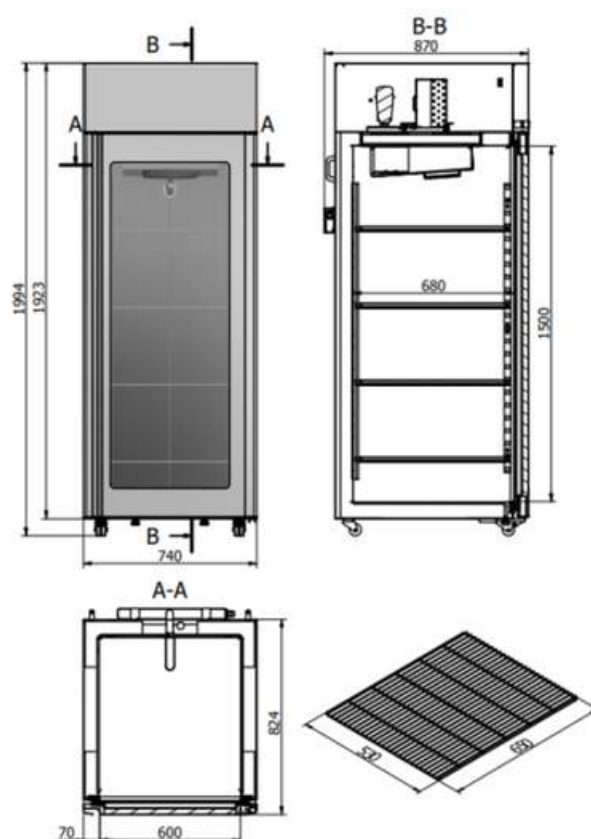
4 swivel casters, 2 of which have brakes



2 additional adjustable feet



LED lighting



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 610 [liters]       |           |        |
| Net capacity                           | 580 [liters]       |           |        |
| Weight                                 | 145 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 6.0 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 520 [W]            |           |        |
| Rated current                          | 2.2 [A]            |           |        |

Atex refrigerator with extraction

# ALC-EXG 1400

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ Built-in safety mechanisms prevent opening the cabinet before the hazardous atmosphere is extracted.
- ✓ Easy to connect to existing extraction systems
- ✓ ATEX internal Cat. 3 Zone 2 requirements
- ✓ Pulse button
- ✓ Extraction can be set according to timer
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel



# ALC-EXG 1400



Environmentally friendly refrigerant



Antifreeze system



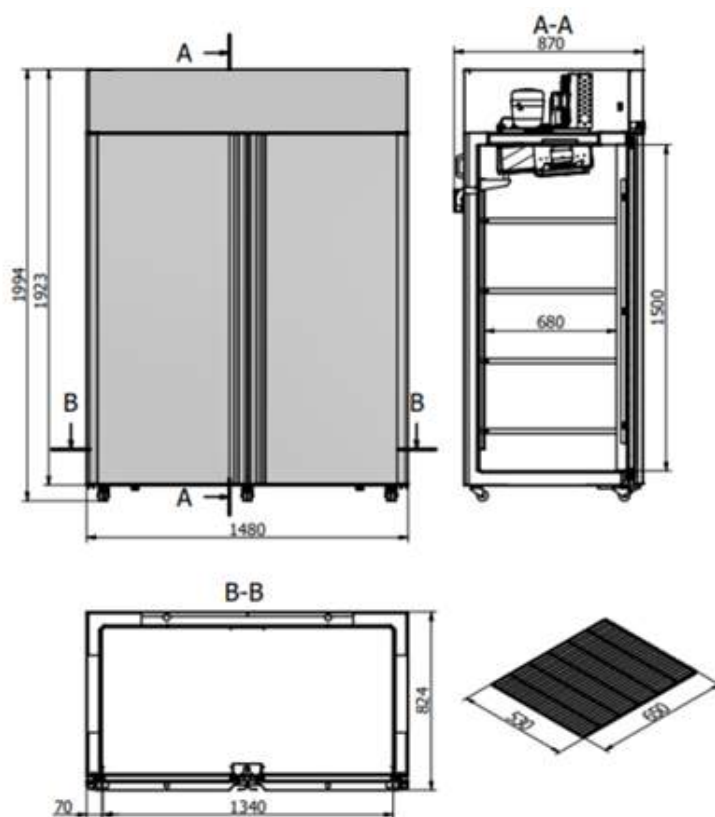
Access port Ø10mm



5 swivel casters, 3 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 1480               | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340               | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 1360 [liters]      |           |        |
| Net capacity                           | 1260 [liters]      |           |        |
| Weight                                 | 170 [kg]           |           |        |
| Max. load                              | 240 [kg]           |           |        |
| Number of shelves                      | 8                  |           |        |
| Number of guides / horizontal supports | 16                 |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 2                  |           |        |
| Daily energy consumption               | 7.9 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 700 [W]            |           |        |
| Rated current                          | 3.0 [A]            |           |        |

Atex refrigerator with extraction

# ALC-EXG 1400 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ Built-in safety mechanisms prevent opening the cabinet before the hazardous atmosphere is extracted.
- ✓ Easy to connect to existing extraction systems
- ✓ ATEX internal Cat. 3 Zone 2 requirements
- ✓ Pulse button
- ✓ Extraction can be set according to timer
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left hinged door
- ✓ External housing made of acid-resistant AISI 304 steel

# ALC-EXG 1400 GLASS



Environmentally friendly refrigerant



Antifreeze system



Access port Ø10mm



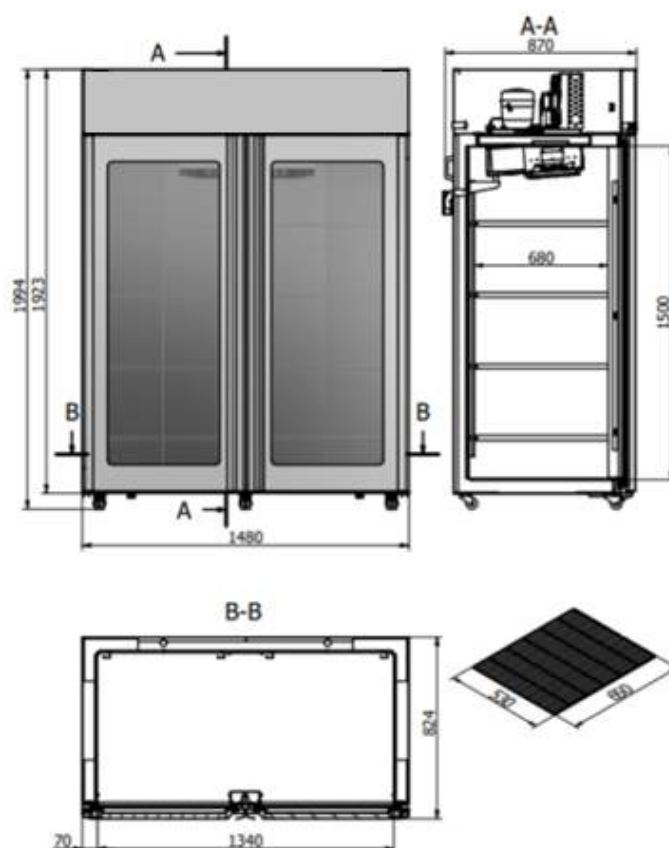
5 swivel casters, 3 of which have brakes



2 additional adjustable feet



LED lighting



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 1480               | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340               | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity                         | 1360 [liters]      |           |        |
| Net capacity                           | 1260 [liters]      |           |        |
| Weight                                 | 205 [kg]           |           |        |
| Max. load                              | 240 [kg]           |           |        |
| Number of shelves                      | 8                  |           |        |
| Number of guides / horizontal supports | 16                 |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | +2...+10 [°C]      |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 2                  |           |        |
| Daily energy consumption               | 8.0 [kWh/24h]      |           |        |
| Noise level                            | 57 [db]            |           |        |
| Power rating                           | 730 [W]            |           |        |
| Rated current                          | 3.7 [A]            |           |        |

Freezer

# SLTM 100

-10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system
- ✓ Right door handle
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable feet

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Left door handle
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

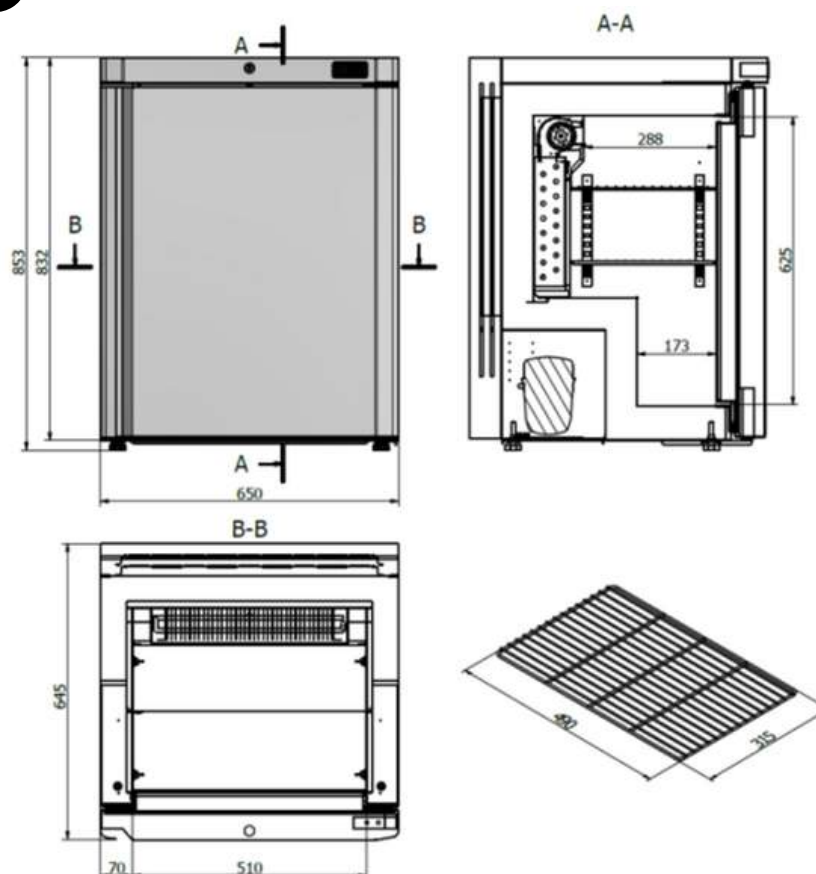
# SLTM 100



Environmentally friendly refrigerant



Access port Ø10mm



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 650                | 645     | 853    |
| Internal dimensions [mm]               | 510                | 288/173 | 625    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Dynamic            |         |        |
| Gross capacity (chamber 1)             | 85 [liters]        |         |        |
| Net capacity (chamber 1)               | 80 [liters]        |         |        |
| Weight                                 | 90 [kg]            |         |        |
| Max. load                              | 60 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 4                  |         |        |
| Max. shelf load                        | 25 [kg]            |         |        |
| Temperature range                      | -10... -30 [°C]    |         |        |
| Ambient conditions                     | +25 [°C] at 60% HR |         |        |
| Refrigerant                            | R290               |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of doors                        | 1                  |         |        |
| Daily energy consumption               | 8.9 [kWh/24h]      |         |        |
| Noise level                            | 51 [db]            |         |        |
| Power rating                           | 800 [W]            |         |        |
| Rated current                          | 3.4 [A]            |         |        |

Freezer

# SLTM 300

-10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# SLTM 300



Environmentally friendly refrigerant



Access port Ø10mm



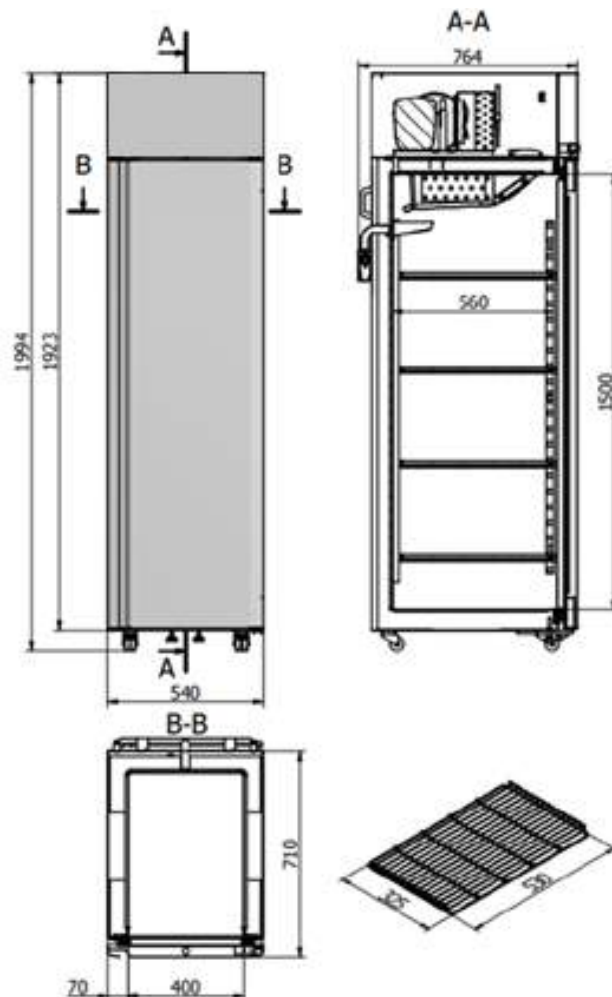
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 540                | 764 (710) | 1994   |
| Internal dimensions [mm]               | 400                | 560       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity (chamber 1)             | 300 [liters]       |           |        |
| Net capacity (chamber 1)               | 260 [liters]       |           |        |
| Weight                                 | 100 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -10... -30 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 8.9 [kWh/24h]      |           |        |
| Noise level                            | 53 [db]            |           |        |
| Power rating                           | 850 [W]            |           |        |
| Rated current                          | 3.7 [A]            |           |        |

Freezer

# SLTM 500

-10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# SLTM 500



Environmentally friendly refrigerant



Access port Ø10mm



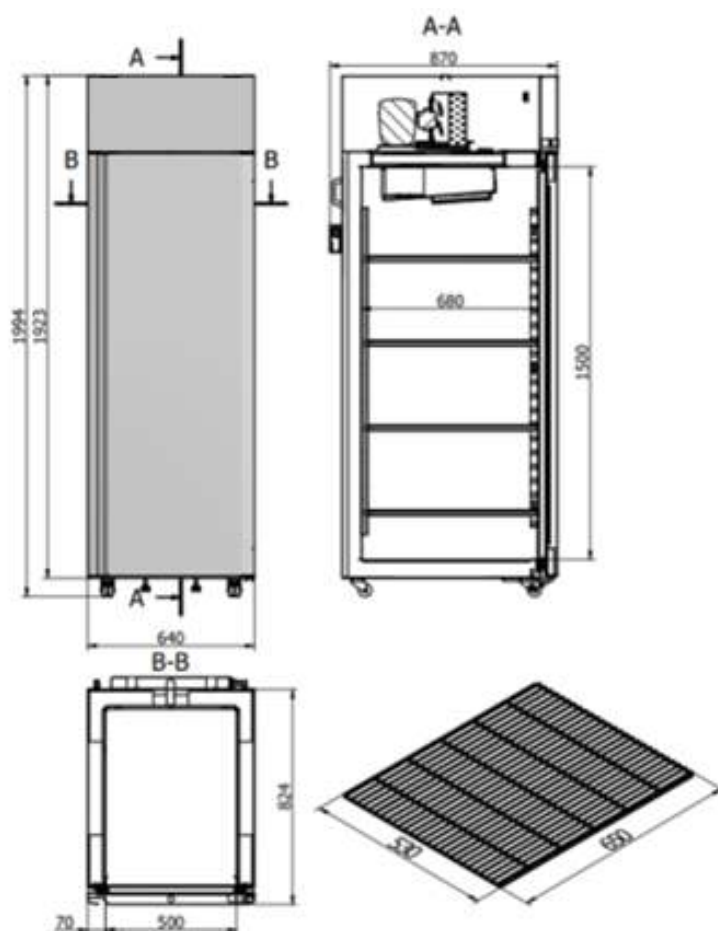
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 640                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity (chamber 1)             | 500 [liters]       |           |        |
| Net capacity (chamber 1)               | 480 [liters]       |           |        |
| Weight                                 | 120 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -10... -30 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 9.1 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 920 [W]            |           |        |
| Rated current                          | 4.0 [A]            |           |        |

Freezer

# SLTM 700

-10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# SLTM 700



Environmentally friendly refrigerant



Access port Ø10mm



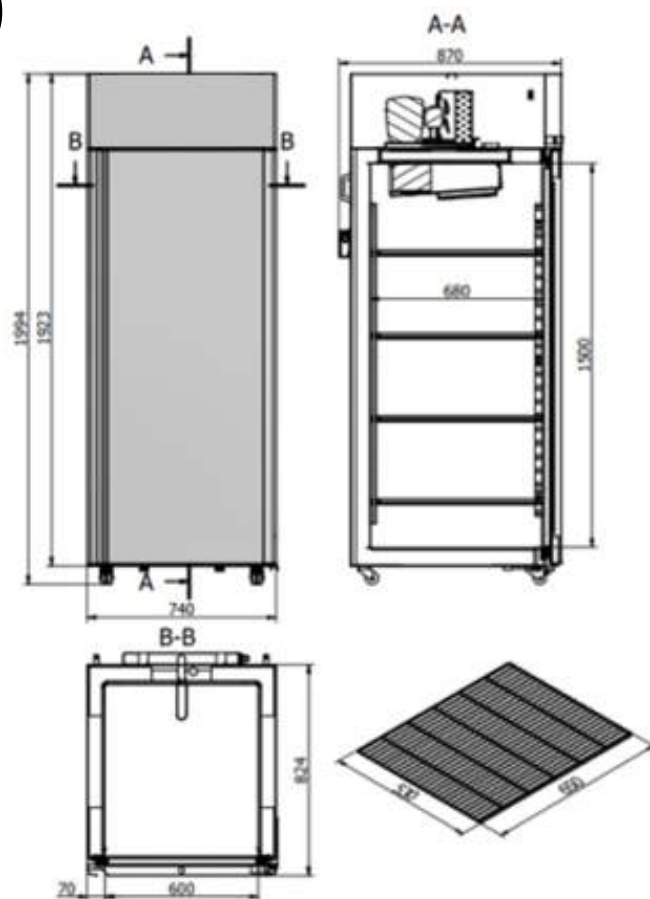
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity (chamber 1)             | 610 [liters]       |           |        |
| Net capacity (chamber 1)               | 580 [liters]       |           |        |
| Weight                                 | 140 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | 8                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -10... -30 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 9.8 [kWh/24h]      |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 950 [W]            |           |        |
| Rated current                          | 4.1 [A]            |           |        |

Freezer

# SLTM 1400

-10...-30°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and audible high and low temperature alarms
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable legs
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Extra shelves (coated wire, stainless steel wire)
- ✓ Led lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# SLTM 1400



Environmentally friendly refrigerant



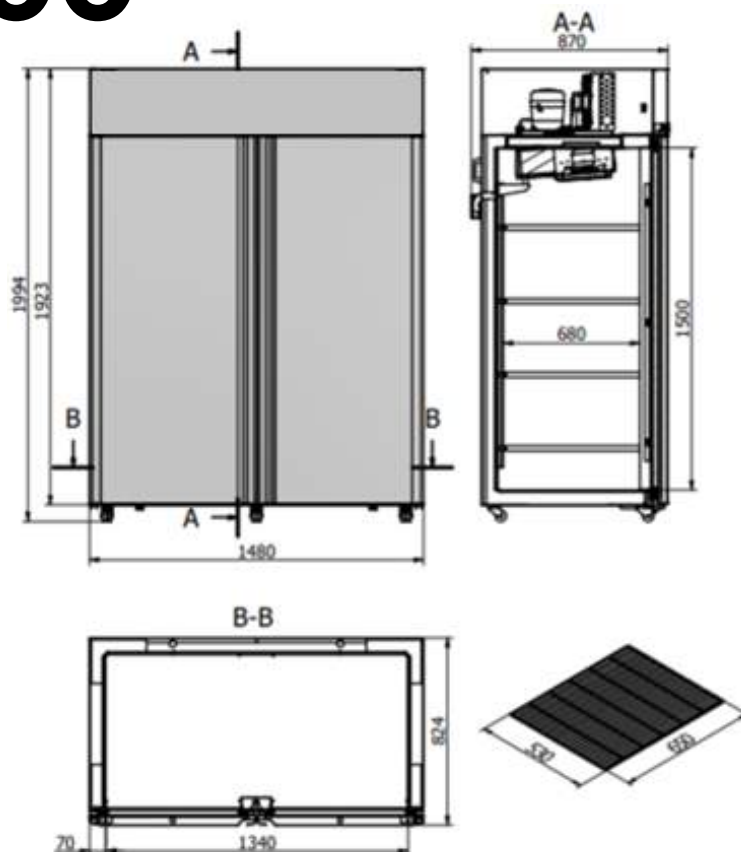
Access port Ø10mm



5 swivel casters, 3 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 1480               | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340               | 680       | 1500   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Dynamic            |           |        |
| Gross capacity (chamber 1)             | 1360 [liters]      |           |        |
| Net capacity (chamber 1)               | 1260 [liters]      |           |        |
| Weight                                 | 200 [kg]           |           |        |
| Max. load                              | 240 [kg]           |           |        |
| Number of shelves                      | 8                  |           |        |
| Number of guides / horizontal supports | 16                 |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -10... -30 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | R290               |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 2                  |           |        |
| Daily energy consumption               | 14.0 [kWh/24h]     |           |        |
| Noise level                            | 55 [db]            |           |        |
| Power rating                           | 1100 [W]           |           |        |
| Rated current                          | 4.8 [A]            |           |        |

Low-temperature cabinet

# STMB 100

-30...-40°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door closing system
- ✓ Right hinged door
- ✓ Electronic temperature controller with digital display with the ability to change the temperature setting every 0.1K
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Shelf guides / horizontal supports
- ✓ 2 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ Adjustable legs

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ Led lighting
- ✓ External housing made of acid-resistant AISI 304 steel

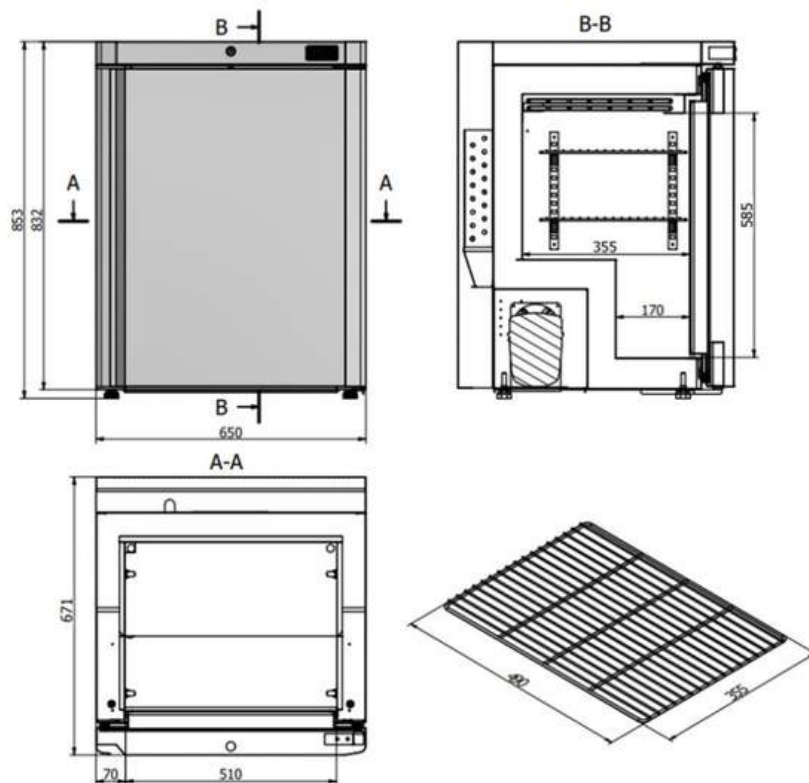
# STMB 100



Environmentally friendly refrigerant



Access port Ø10mm



## Technical specifications:

|  | Width              | Depth   | Height |
|--|--------------------|---------|--------|
| External dimensions [mm]               | 650                | 671     | 853    |
| Internal dimensions [mm]               | 510                | 355/170 | 585    |
| Cooling unit type                      | Internal           |         |        |
| Cooling type                           | Static             |         |        |
| Gross capacity                         | 90 [liters]        |         |        |
| Net capacity                           | 70 [liters]        |         |        |
| Weight                                 | 90 [kg]            |         |        |
| Max. load                              | 60 [kg]            |         |        |
| Number of shelves                      | 2                  |         |        |
| Number of guides / horizontal supports | 8                  |         |        |
| Max. shelf load                        | 25 [kg]            |         |        |
| Temperature range                      | -30... -40 [°C]    |         |        |
| Ambient conditions                     | +25 [°C] at 60% HR |         |        |
| Refrigerant                            | BOL50              |         |        |
| Power                                  | 230/50 [V/Hz]      |         |        |
| Number of doors                        | 1                  |         |        |
| Daily energy consumption               | 14.4 [kWh/24h]     |         |        |
| Noise level                            | 51 [db]            |         |        |
| Power rating                           | 800 [W]            |         |        |
| Rated current                          | 3.5 [A]            |         |        |

Low-temperature cabinet

# STMB 500

-30...-40°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door locking system
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ 4 shelves of perforated sheet steel
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# STMB 500



Environmentally friendly refrigerant



Access port Ø10mm



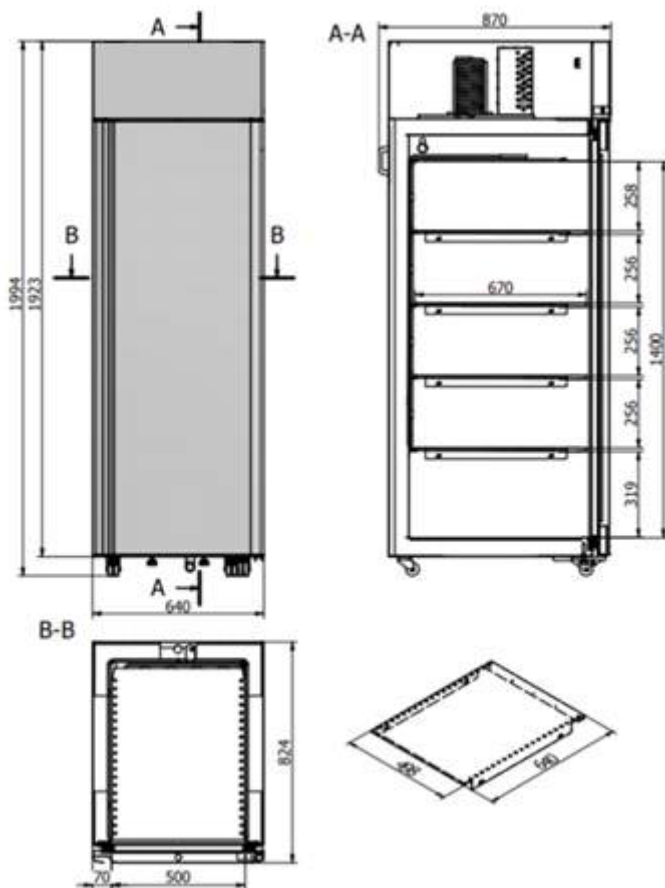
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 640                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                | 670       | 1400   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Static             |           |        |
| Gross capacity                         | 450 [liters]       |           |        |
| Net capacity                           | 350 [liters]       |           |        |
| Weight                                 | 140 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | -                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -30... -45 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | BOL50              |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 16.2 [kWh/24h]     |           |        |
| Noise level                            | 52 [db]            |           |        |
| Power rating                           | 920 [W]            |           |        |
| Rated current                          | 4.0 [A]            |           |        |

Low-temperature cabinet

# STMB 700

-30...-40°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door locking system
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ 4 shelves of perforated sheet steel
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable feet
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# STMB 700



Environmentally friendly refrigerant



Access port Ø10mm



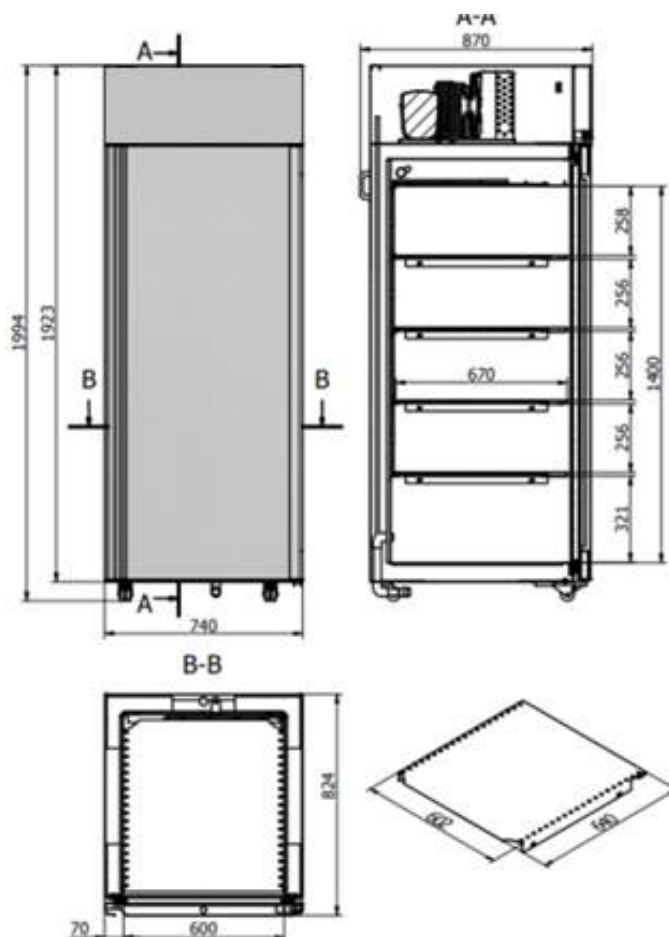
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                | 670       | 1400   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Static             |           |        |
| Gross capacity                         | 530 [liters]       |           |        |
| Net capacity                           | 430 [liters]       |           |        |
| Weight                                 | 160 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | -                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -30... -45 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | BOL50              |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 16.9 [kWh/24h]     |           |        |
| Noise level                            | 52 [db]            |           |        |
| Power rating                           | 950 [W]            |           |        |
| Rated current                          | 4.1 [A]            |           |        |

Low-temperature cabinet

# STMB / STMB 700

-30...-40°C / -30...-40°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior of AISI 304 acid resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door locking system
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Defective temperature sensor alarm
- ✓ External alarm output-potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ 4 shelves of perforated sheet steel
- ✓ Access port Ø10mm
- ✓ 2 additional adjustable legs
- ✓ Handles on the back of the unit for easy transportation

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ PVC adjustable legs
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel

# STMB / STMB 700



Environmentally friendly refrigerant



Access port Ø10mm



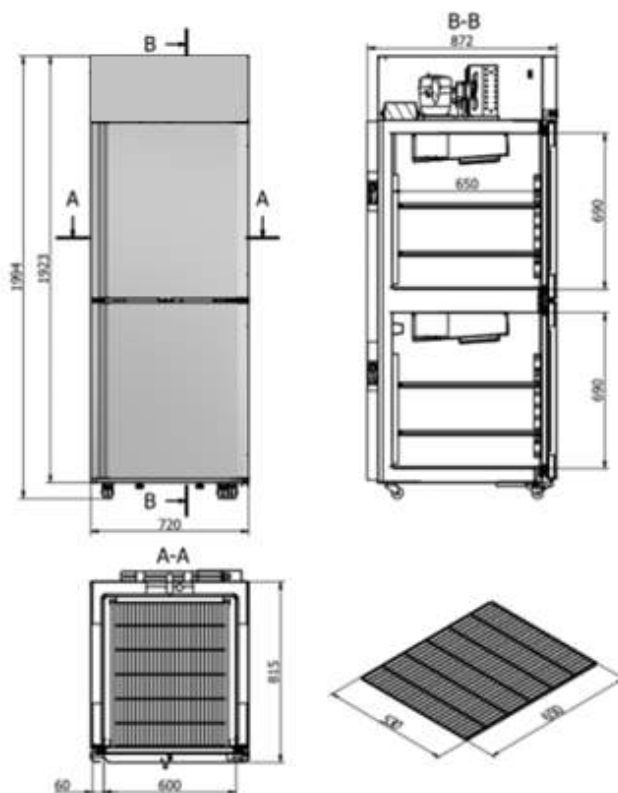
Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



2 additional adjustable feet



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]               | 740                | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                | 670       | 1400   |
| Cooling unit type                      | Internal           |           |        |
| Cooling type                           | Static             |           |        |
| Gross capacity (chamber 1)             | 305 [liters]       |           |        |
| Gross capacity (chamber 2)             | 305 [liters]       |           |        |
| Net capacity (chamber 1)               | 255 [liters]       |           |        |
| Net capacity (chamber 1)               | 255 [liters]       |           |        |
| Weight                                 | 160 [kg]           |           |        |
| Max. load                              | 120 [kg]           |           |        |
| Number of shelves                      | 4                  |           |        |
| Number of guides / horizontal supports | -                  |           |        |
| Max. shelf load                        | 30 [kg]            |           |        |
| Temperature range                      | -30... -45 [°C]    |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR |           |        |
| Refrigerant                            | BOL50              |           |        |
| Power                                  | 230/50 [V/Hz]      |           |        |
| Number of external doors               | 1                  |           |        |
| Daily energy consumption               | 16.9 [kWh/24h]     |           |        |
| Noise level                            | 52 [db]            |           |        |
| Power rating                           | 950 [W]            |           |        |
| Rated current                          | 4.1 [A]            |           |        |

Ultra low freezer

# ULN 100

-40...-86°C



## Standard equipment:

- ✓ RAL 7012 / RAL 7035 coated exterior
- ✓ Inside made of AISI 304 acid resistant steel
- ✓ 120 mm insulation
- ✓ Cascade cooling system
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal (additional seal attached to body)
- ✓ Right door handle
- ✓ Electronic temperature control with a 7-inch touchscreen on the door, with a built-in recording system for the unit's temperature and operating parameters
- ✓ Ability to change the temperature setting every 0.1K
- ✓ Side handle with integrated lock
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ Compressor failure alarm
- ✓ Power failure alarm
- ✓ Backup battery alarm
- ✓ External alarm output potential-free contact
- ✓ Shelf guides / horizontal supports
- ✓ 1 shelf of perforated sheet steel
- ✓ Adjustable shelf position
- ✓ 2 access ports Ø10mm
- ✓ 2 adjustable legs and 2 castors
- ✓ Automatic decompression valve
- ✓ Easy access to condenser cleaning

## Optional equipment:

- ✓ Temperature sensor
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional (perforated) shelves
- ✓ Left door handle
- ✓ Condenser filter
- ✓ Manual decompression valve

# ULN 100



Environmentally friendly refrigerant



2 access ports Ø10mm



Electronic temperature control



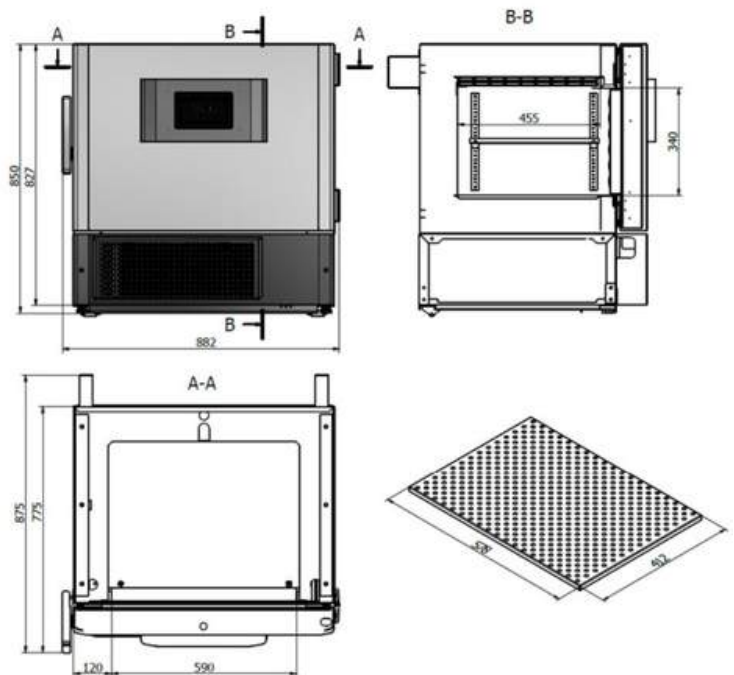
Alarm backup battery



2 adjustable feet and 2 castors



Automatic decompression valve



## Technical specifications:

|  | Width              | Depth     | Height |
|--|--------------------|-----------|--------|
| External dimensions [mm]                 | 882                | 875 (775) | 850    |
| Internal dimensions [mm]                 | 590                | 455       | 340    |
| Cooling unit type                        | Internal           |           |        |
| Cooling type                             | Static             |           |        |
| Gross capacity                           | 90 [liters]        |           |        |
| Net capacity                             | 65 [liters]        |           |        |
| Weight                                   | 130 [kg]           |           |        |
| Max. load                                | 50 [kg]            |           |        |
| Number of shelves                        | 1                  |           |        |
| Number of guides / horizontal supports   | 4                  |           |        |
| Mogelijk aantal rekken                   | 8                  |           |        |
| Mogelijk aantal 50mm / 2"containers      | 72                 |           |        |
| Max. shelf load                          | 25 [kg]            |           |        |
| Temperature range                        | -40... -86 [°C]    |           |        |
| Ambient conditions                       | +25 [°C] op 60% HR |           |        |
| Refrigerant                              | R290 / R1150       |           |        |
| Power                                    | 230/50 [V/Hz]      |           |        |
| Number of external doors                 | 1                  |           |        |
| Number of internal doors                 | -                  |           |        |
| Daily energy consumption                 | 13.8 [kWh/24h]     |           |        |
| Noise level                              | 53 [db]            |           |        |
| Power rating                             | 1100 [W]           |           |        |
| Rated current                            | 4.7 [A]            |           |        |
| Time required to reach -80°C temperature | 3 – 4 hours        |           |        |

Ultra low freezer

# ULN 400

-40...-86°C



## Standard equipment:

- ✓ RAL 7012 / RAL 7035 coated exterior
- ✓ Inside made of AISI 304 acid resistant steel
- ✓ 120 mm insulation (including VIP panel)
- ✓ VIP panel in the side walls, rear wall and door
- ✓ Cascade cooling system
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal (additional seal attached to body)
- ✓ Right door handle
- ✓ 4 insulated exterior doors that reduce heat loss when opened
- ✓ Electronic temperature control with a 7-inch touchscreen on the door, with a built-in recording system for the unit's temperature and operating parameters
- ✓ Ability to change the temperature setting every 0.1K
- ✓ Side handle with integrated lock
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ Compressor failure alarm
- ✓ Power failure alarm
- ✓ Backup battery alarm
- ✓ External alarm output potential-free contact
- ✓ Shelf guides / horizontal supports
- ✓ 2 perforated sheet metal shelves (adjustable)
- ✓ 1 perforated sheet steel shelf (fixed)
- ✓ 8 access ports Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Automatic decompression valve

## Optional equipment:

- ✓ Temperature sensor
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional (perforated) shelves
- ✓ Left door handle
- ✓ Condenser filter



# ULN 400



Environmentally friendly refrigerant



8 access ports Ø10mm



Electronic temperature control



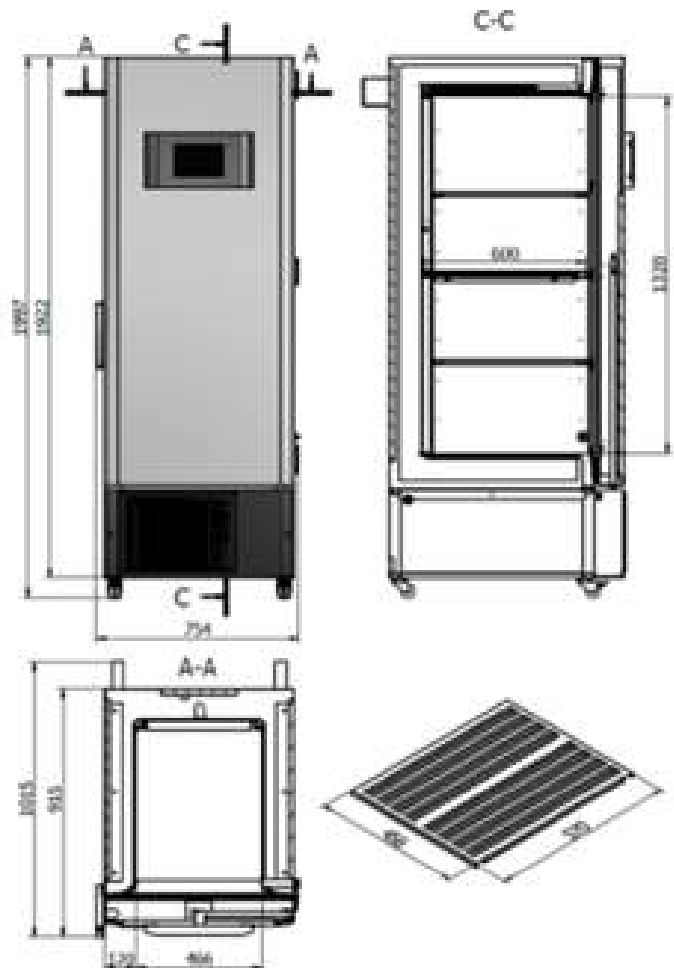
Alarm backup battery



4 swivel casters, 2 of which have brakes



Automatic decompression valve



## Technical specifications:

|  | Width              | Depth      | Height |
|--|--------------------|------------|--------|
| External dimensions [mm]                 | 754                | 1010 (915) | 1997   |
| Internal dimensions [mm]                 | 466                | 600        | 1320   |
| Cooling unit type                        | Internal           |            |        |
| Cooling type                             | Static             |            |        |
| Gross capacity                           | 370 [liters]       |            |        |
| Net capacity                             | 230 [liters]       |            |        |
| Weight                                   | 220 [kg]           |            |        |
| Max. load                                | 160 [kg]           |            |        |
| Number of shelves                        | 3                  |            |        |
| Number of guides / horizontal supports   | 8                  |            |        |
| Mogelijk aantal rekken                   | 12                 |            |        |
| Mogelijk aantal 50mm / 2"containers      | 264                |            |        |
| Max. shelf load                          | 40 [kg]            |            |        |
| Temperature range                        | -40... -86 [°C]    |            |        |
| Ambient conditions                       | +25 [°C] op 60% HR |            |        |
| Refrigerant                              | R290 / R1150       |            |        |
| Power                                    | 230/50 [V/Hz]      |            |        |
| Number of external doors                 | 1                  |            |        |
| Number of internal doors                 | 4                  |            |        |
| Daily energy consumption                 | 14.7 [kWh/24h]     |            |        |
| Noise level                              | 55 [db]            |            |        |
| Power rating                             | 1400 [W]           |            |        |
| Rated current                            | 6.1 [A]            |            |        |
| Time required to reach -80°C temperature | 6 – 7 hours        |            |        |

Ultra low freezer

# ULN 600

-40...-86°C



## Standard equipment:

- ✓ RAL7012 / RAL 7035 coated exterior
- ✓ Inside made of AISI 304 acid resistant steel
- ✓ 120 mm insulation (including VIP panel)
- ✓ VIP panel in the side walls, rear wall and door
- ✓ Cascade cooling system
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with double replaceable seal (additional seal attached to body)
- ✓ Right door handle
- ✓ 4 insulated exterior doors that reduce heat loss when opened
- ✓ Electronic temperature control with a 7-inch touchscreen on the door, with a built-in recording system for the unit's temperature and operating parameters
- ✓ Ability to change the temperature setting every 0.1K
- ✓ Side handle with integrated lock
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ Compressor failure alarm
- ✓ Power failure alarm
- ✓ Backup battery alarm
- ✓ External alarm output potential-free contact
- ✓ Shelf guides / horizontal supports
- ✓ 2 perforated sheet metal shelves (adjustable)
- ✓ 1 perforated sheet steel shelf (fixed)
- ✓ 8 access ports Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Automatic decompression valve

## Optional equipment:

- ✓ Temperature sensor
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional (perforated) shelves
- ✓ Left door handle
- ✓ Condenser filter

# ULN 600



Environmentally friendly refrigerant



8 access ports Ø10mm



Electronic temperature control



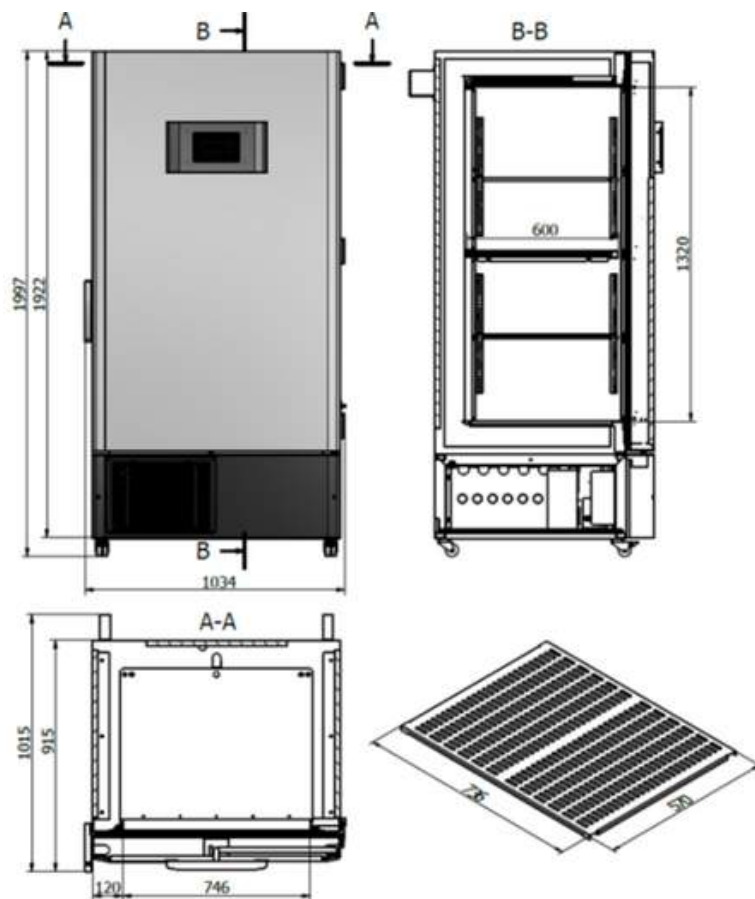
Alarm backup battery



4 swivel casters, 2 of which have brakes



Automatic decompression valve



## Technical specifications:

|  | Width              | Depth      | Height |
|--|--------------------|------------|--------|
| External dimensions [mm]                 | 1034               | 1015 (915) | 1997   |
| Internal dimensions [mm]                 | 746                | 600        | 1320   |
| Cooling unit type                        | Internal           |            |        |
| Cooling type                             | Static             |            |        |
| Gross capacity                           | 590 [liters]       |            |        |
| Net capacity                             | 450 [liters]       |            |        |
| Weight                                   | 270 [kg]           |            |        |
| Max. load                                | 160 [kg]           |            |        |
| Number of shelves                        | 3                  |            |        |
| Number of guides / horizontal supports   | 8                  |            |        |
| Mogelijk aantal rekken                   | 20                 |            |        |
| Mogelijk aantal 50mm / 2"containers      | 440                |            |        |
| Max. shelf load                          | 40 [kg]            |            |        |
| Temperature range                        | -40... -86 [°C]    |            |        |
| Ambient conditions                       | +25 [°C] op 60% HR |            |        |
| Refrigerant                              | R290 / R1150       |            |        |
| Power                                    | 230/50 [V/Hz]      |            |        |
| Number of external doors                 | 1                  |            |        |
| Number of internal doors                 | 4                  |            |        |
| Daily energy consumption                 | 15.1 [kWh/24h]     |            |        |
| Noise level                              | 55 [db]            |            |        |
| Power rating                             | 1500 [W]           |            |        |
| Rated current                            | 6.5 [A]            |            |        |
| Time required to reach -80°C temperature | 6 – 8 hours        |            |        |

Pharmaceutical refrigerator

# PHA 250

+2...+10°C.



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Energy-saving inverter compressor
- ✓ 50 mm insulation
- ✓ Reduced noise level
- ✓ Ecological refrigerant
- ✓ Mechanical door lock
- ✓ Self-closing door
- ✓ Left or right door
- ✓ Electronic controller with digital display allowing to change the temperature setting every 0.1°C
- ✓ Open door alarm
- ✓ Glass door in a PVC frame with a replaceable seal
- ✓ High and low temperature visual and sound alarm
- ✓ Broken temperature sensor alarm
- ✓ Defrost time exceeded alarm
- ✓ Automatic defrost and evaporation of condensate
- ✓ Metal coated shelves
- ✓ Access port
- ✓ 4 levelling legs
- ✓ LED lighting
- ✓ 2 additional check holes in the back wall
- ✓ Application for mobile devices: information about the device status, historical and current alarms, quick preview of the recorded data with temperature charts; Bluetooth

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature recorder
- ✓ Change of standard temperature range
- ✓ Additional access ports
- ✓ Perforated shelves
- ✓ Castors with brake
- ✓ Drawers with dividers
- ✓ Additional shelves

# PHA 250



Environmentally friendly refrigerant



3 access ports



LED lighting



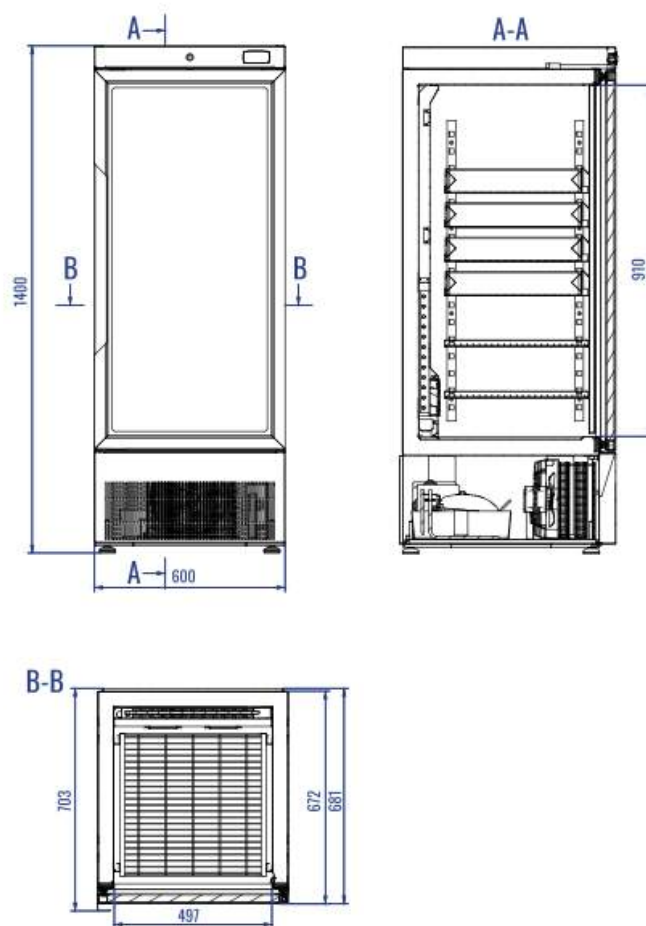
Uniform temperature



Low energy consumption



Automatic defrost



## Technical specifications:

|  | Width            | Depth | Height |
|--|------------------|-------|--------|
| External dimensions [mm]               | 600              | 703   | 1400   |
| Cooling unit type                      | Inverter         |       |        |
| Gross capacity                         | 250 [liters]     |       |        |
| Net capacity                           | 150 [liters]     |       |        |
| Weight                                 | 80 [kg]          |       |        |
| Number of shelves                      | 3                |       |        |
| Number of guides / horizontal supports | 8                |       |        |
| Max. shelf load                        | 30 [kg]          |       |        |
| Temperature range                      | +2...+10 [°C]    |       |        |
| Ambient conditions                     | +25 °C at 60% HR |       |        |
| Refrigerant                            | R600a            |       |        |
| Power                                  | 230/50 [V/Hz]    |       |        |
| Number of doors                        | 1                |       |        |
| Daily energy consumption               | 1,7 [kWh/24h]    |       |        |
| Noise level                            | 50 [db]          |       |        |
| Power rating                           | 235 [W]          |       |        |
| Rated current                          | 1.1 [A]          |       |        |

Pharmaceutical refrigerator

# PHA 300

+2...+10°C.



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Energy-saving inverter compressor
- ✓ 50 mm insulation
- ✓ Reduced noise level
- ✓ Ecological refrigerant
- ✓ Mechanical door lock
- ✓ Self-closing door
- ✓ Left or right door
- ✓ Electronic controller with digital display allowing to change the temperature setting every 0.1°C
- ✓ Open door alarm
- ✓ Glass door in a PVC frame with a replaceable seal
- ✓ High and low temperature visual and sound alarm
- ✓ Broken temperature sensor alarm
- ✓ Defrost time exceeded alarm
- ✓ Automatic defrost and evaporation of condensate
- ✓ Metal coated shelves
- ✓ Acces port
- ✓ 4 levelling legs
- ✓ LED lighting
- ✓ 2 additional chcek holes in the back wall
- ✓ Application for mobile devices: information about the device status, historical and current alarms, quick preview of the recorded data with temperature charts; Bluetooth

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature recorder
- ✓ Change of standard temperature range
- ✓ Additional access ports
- ✓ Perforated shelves
- ✓ Castors with brake
- ✓ Drawers with dividers
- ✓ Additional shelves



# PHA 300



Environmentally friendly refrigerant



3 access ports



LED lighting



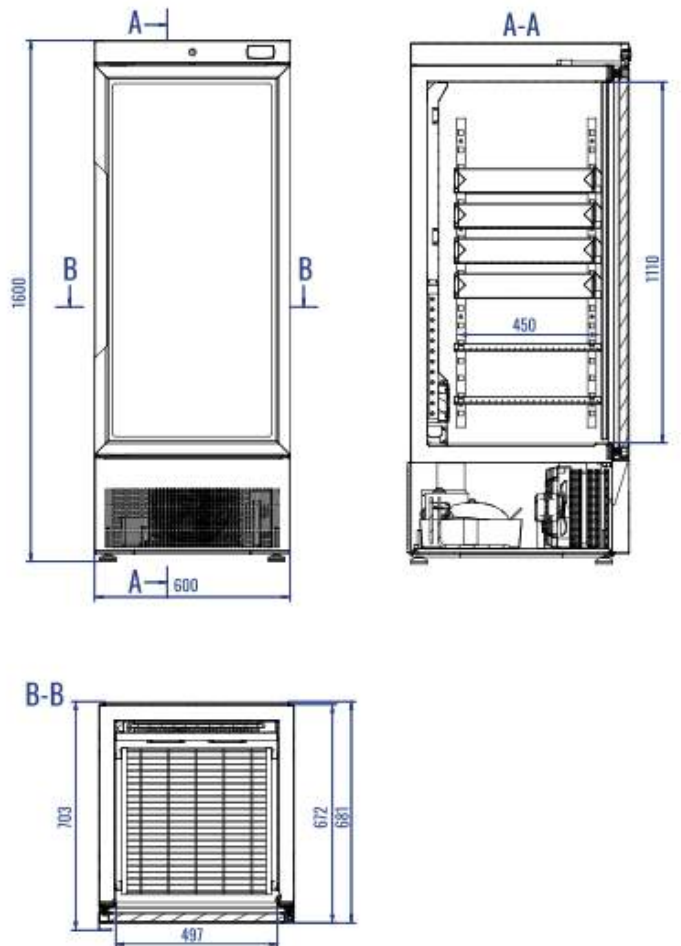
Uniform temperature



Low energy consumption



Automatic defrost



## Technical specifications:

|  | Width            | Depth | Height |
|--|------------------|-------|--------|
| External dimensions [mm]               | 600              | 703   | 1600   |
| Cooling unit type                      | Inverter         |       |        |
| Gross capacity                         | 300 [liters]     |       |        |
| Net capacity                           | 200 [liters]     |       |        |
| Weight                                 | 120 [kg]         |       |        |
| Number of shelves                      | 3                |       |        |
| Number of guides / horizontal supports | 8                |       |        |
| Max. shelf load                        | 30 [kg]          |       |        |
| Temperature range                      | +2...+10 [°C]    |       |        |
| Ambient conditions                     | +25 °C at 60% HR |       |        |
| Refrigerant                            | R600a            |       |        |
| Power                                  | 230/50 [V/Hz]    |       |        |
| Number of doors                        | 1                |       |        |
| Daily energy consumption               | 1,8 [kWh/24h]    |       |        |
| Noise level                            | 50 [db]          |       |        |
| Power rating                           | 250 [W]          |       |        |
| Rated current                          | 1.1 [A]          |       |        |

Pharmaceutical refrigerator

# PHA 400

+2...+10°C.



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Energy-saving inverter compressor
- ✓ 50 mm insulation
- ✓ Reduced noise level
- ✓ Ecological refrigerant
- ✓ Mechanical door lock
- ✓ Self-closing door
- ✓ Left or right door
- ✓ Electronic controller with digital display allowing to change the temperature setting every 0.1°C
- ✓ Open door alarm
- ✓ Glass door in a PVC frame with a replaceable seal
- ✓ High and low temperature visual and sound alarm
- ✓ Broken temperature sensor alarm
- ✓ Defrost time exceeded alarm
- ✓ Automatic defrost and evaporation of condensate
- ✓ Metal coated shelves
- ✓ Access port
- ✓ 4 levelling legs
- ✓ LED lighting
- ✓ 2 additional check holes in the back wall
- ✓ Application for mobile devices: information about the device status, historical and current alarms, quick preview of the recorded data with temperature charts; Bluetooth

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature recorder
- ✓ Change of standard temperature range
- ✓ Additional access ports
- ✓ Perforated shelves
- ✓ Castors with brake
- ✓ Drawers with dividers
- ✓ Additional shelves

# PHA 400



Environmentally friendly refrigerant



3 access ports



LED lighting



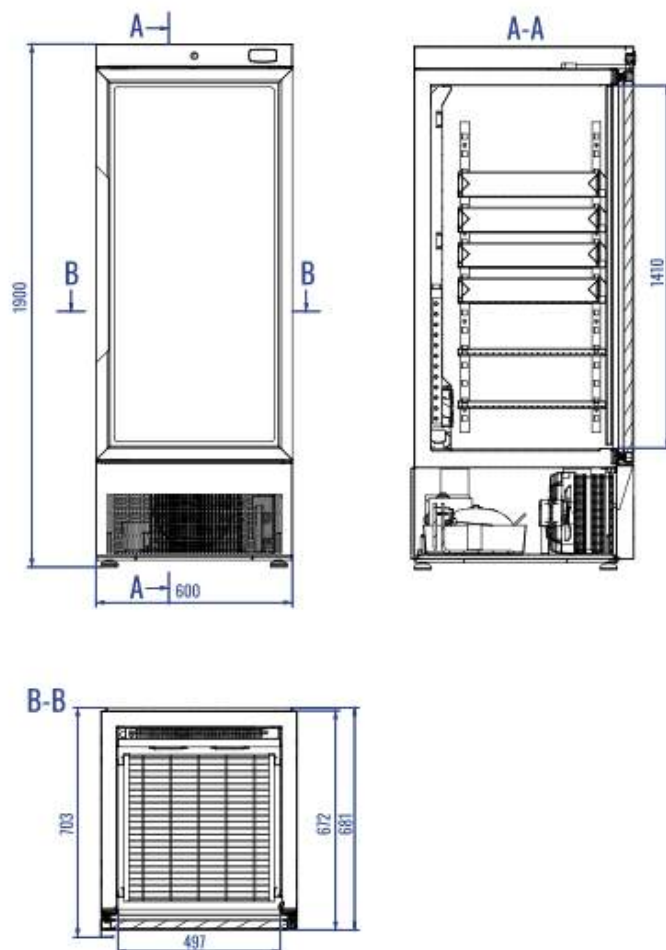
Uniform temperature



Low energy consumption



Automatic defrost



## Technical specifications:

|  | Width            | Depth | Height |
|--|------------------|-------|--------|
| External dimensions [mm]               | 600              | 703   | 1900   |
| Cooling unit type                      | Inverter         |       |        |
| Gross capacity                         | 400 [liters]     |       |        |
| Net capacity                           | 300 [liters]     |       |        |
| Weight                                 | 120 [kg]         |       |        |
| Number of shelves                      | 3                |       |        |
| Number of guides / horizontal supports | 8                |       |        |
| Max. shelf load                        | 30 [kg]          |       |        |
| Temperature range                      | +2...+10 [°C]    |       |        |
| Ambient conditions                     | +25 °C at 60% HR |       |        |
| Refrigerant                            | R600a            |       |        |
| Power                                  | 230/50 [V/Hz]    |       |        |
| Number of doors                        | 1                |       |        |
| Daily energy consumption               | 2 [kWh/24h]      |       |        |
| Noise level                            | 50 [db]          |       |        |
| Power rating                           | 265 [W]          |       |        |
| Rated current                          | 1.1 [A]          |       |        |

Drying oven

# INo-DRY 500

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 1 controller
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimal drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting

# INo-DRY 500



Uniform temperature



Electric heating



Ventilated airflow



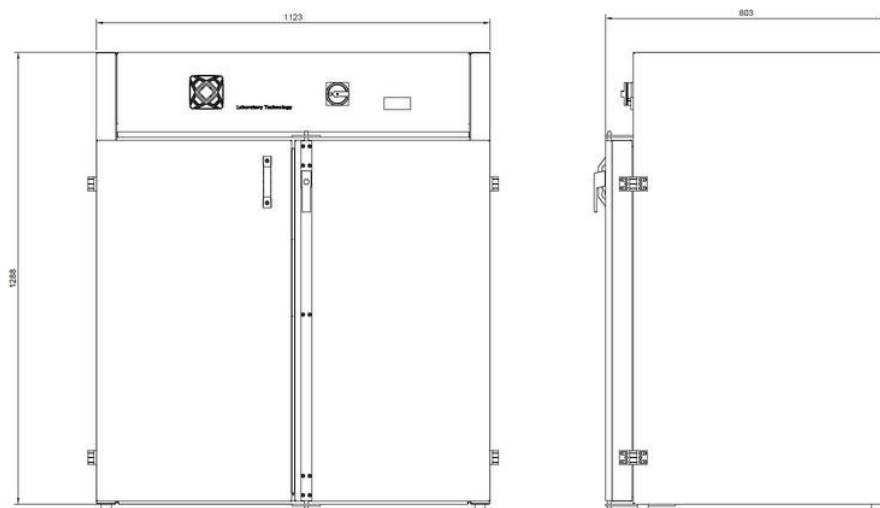
4 swivel casters, 2 of which have brakes



Optimal drying



Customisation possible



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 1110                                    | 796   | 1342   |
| Internal dimensions [mm]               | 953                                     | 573   | 807    |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 440 [liters]                            |       |        |
| Net capacity                           | 423 [liters]                            |       |        |
| Weight                                 | 215 [kg]                                |       |        |
| Max. load                              | 300 [kg]                                |       |        |
| Number of shelves                      | Max. 11                                 |       |        |
| Number of guides / horizontal supports | 11                                      |       |        |
| Max. shelf load                        | 30 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 2                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 3500/6500 [W]                           |       |        |

Drying oven

# INo-DRY 600

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 1 controller
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimal drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting



# INo-DRY 600



Uniform temperature



Electric heating



Ventilated airflow



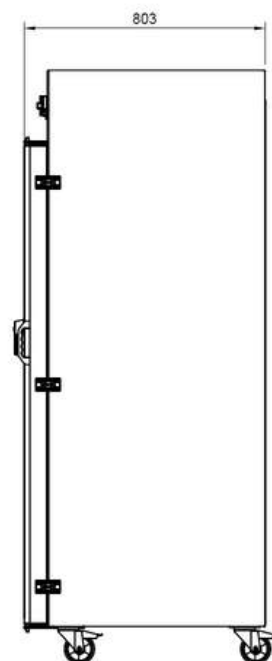
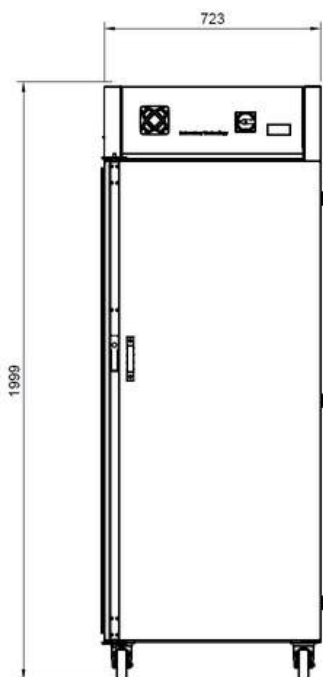
4 swivel casters, 2 of which have brakes



Optimal drying



Customisation possible



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 747                                     | 838   | 1983   |
| Internal dimensions [mm]               | 603                                     | 605   | 1420   |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 519 [liters]                            |       |        |
| Net capacity                           | 485 [liters]                            |       |        |
| Weight                                 | 225 [kg]                                |       |        |
| Max. load                              | 300 [kg]                                |       |        |
| Number of shelves                      | Max. 19                                 |       |        |
| Number of guides / horizontal supports | 19                                      |       |        |
| Max. shelf load                        | 50 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 1                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 3500/6500 [W]                           |       |        |

Drying oven

# INo-DRY 900

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 1 controller
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimal drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting

# INo-DRY 900



Uniform temperature



Electric heating



Ventilated airflow



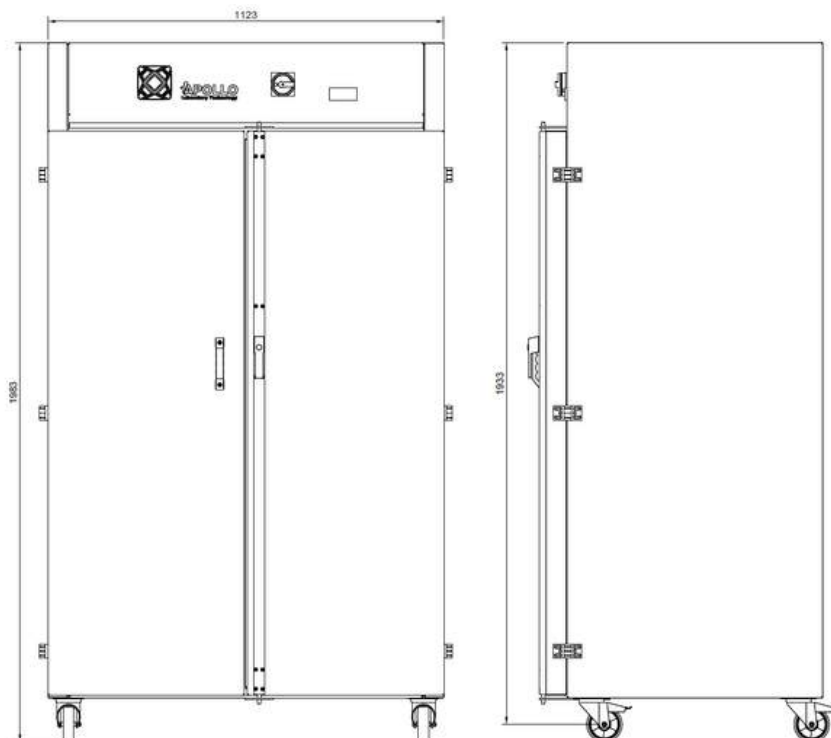
4 swivel casters, 2 of which have brakes



Optimal drying



Customisation possible



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 1185                                    | 838   | 1983   |
| Internal dimensions [mm]               | 1038                                    | 603   | 1420   |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 888 [liters]                            |       |        |
| Net capacity                           | 854 [liters]                            |       |        |
| Weight                                 | 280 [kg]                                |       |        |
| Max. load                              | 300 [kg]                                |       |        |
| Number of shelves                      | Max. 19                                 |       |        |
| Number of guides / horizontal supports | 19                                      |       |        |
| Max. shelf load                        | 50 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 2                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 3500/6500/9500 [W]                      |       |        |

Drying oven

# INo-DRY 2000

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 1 controller
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimal drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting

# INo-DRY 2000



Uniform temperature



Electric heating



Ventilated airflow



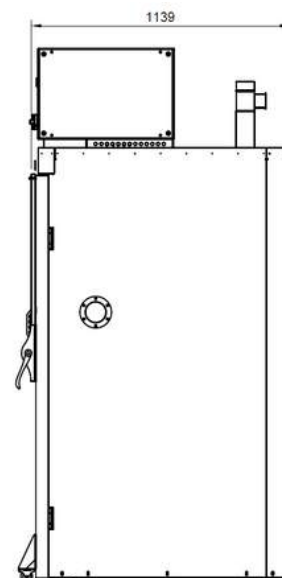
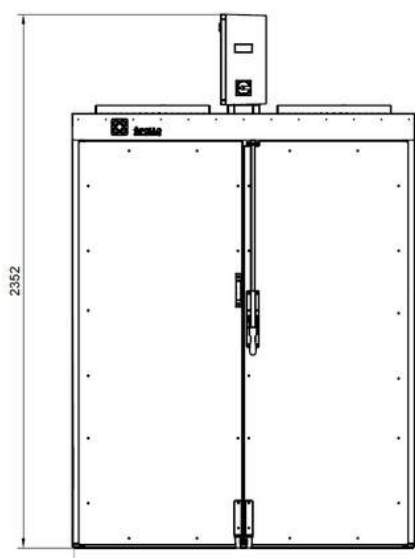
4 swivel casters, 2 of which have brakes



Optimal drying



Customisation possible



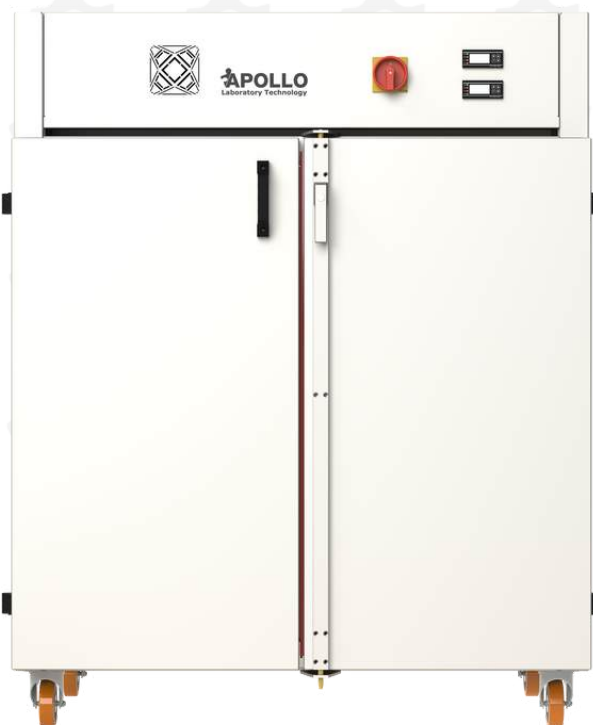
## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 1542                                    | 1170  | 2350   |
| Internal dimensions [mm]               | 1308                                    | 960   | 1706   |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 2151 [liters]                           |       |        |
| Net capacity                           | 2142 [liters]                           |       |        |
| Weight                                 | 650 [kg]                                |       |        |
| Max. load                              | 500 [kg]                                |       |        |
| Number of shelves                      | Max. 13                                 |       |        |
| Number of guides / horizontal supports | 13                                      |       |        |
| Max. shelf load                        | 20 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 2                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 6500 [W]                                |       |        |

Drying oven

# HUMi-DRY 500

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 2 controllers
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimum drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ ECO mode when humidity SP is achieved
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting



# HUMi-DRY 500



Uniform temperature



Electric heating



Ventilated airflow



4 swivel casters, 2 of which have brakes



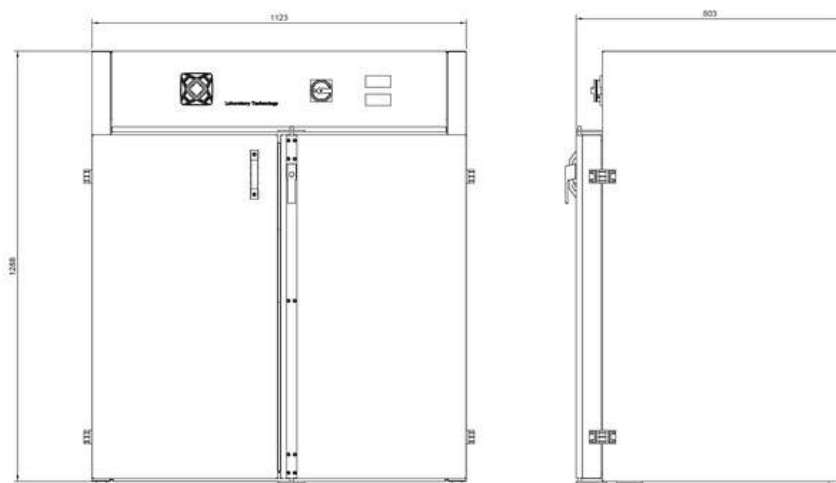
Optimal drying



Customisation possible



Eco mode



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 1110                                    | 796   | 1342   |
| Internal dimensions [mm]               | 953                                     | 573   | 807    |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 440 [liters]                            |       |        |
| Net capacity                           | 423 [liters]                            |       |        |
| Weight                                 | 215 [kg]                                |       |        |
| Max. load                              | 300 [kg]                                |       |        |
| Number of shelves                      | Max. 11                                 |       |        |
| Number of guides / horizontal supports | 11                                      |       |        |
| Max. shelf load                        | 30 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/Hz]                           |       |        |
| Number of doors                        | 2                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 3500/6500 [W]                           |       |        |

Drying oven

# HUMi-DRY 600

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 2 controllers
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimum drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ ECO mode when humidity SP is achieved
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting

# HUMi-DRY 600



Uniform temperature



Electric heating



Ventilated airflow



4 swivel casters, 2 of which have brakes



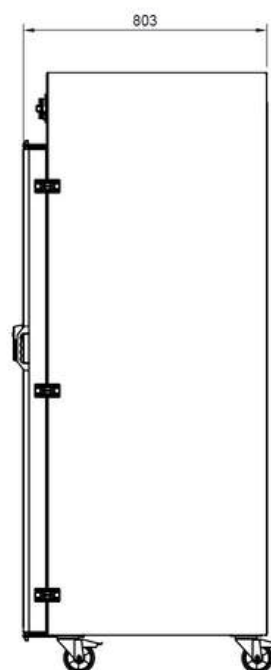
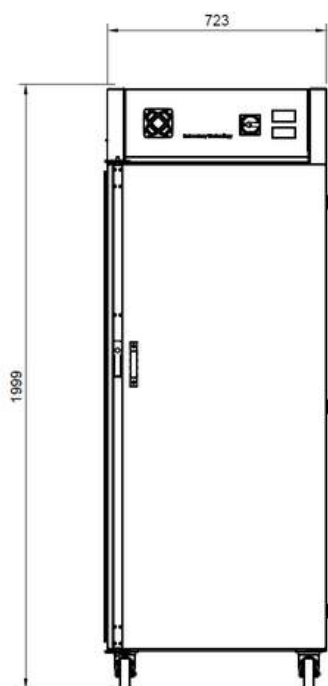
Optimal drying



Customisation possible



Eco mode



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 747                                     | 838   | 1983   |
| Internal dimensions [mm]               | 603                                     | 605   | 1420   |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 519 [liters]                            |       |        |
| Net capacity                           | 485 [liters]                            |       |        |
| Weight                                 | 225 [kg]                                |       |        |
| Max. load                              | 300 [kg]                                |       |        |
| Number of shelves                      | Max. 19                                 |       |        |
| Number of guides / horizontal supports | 19                                      |       |        |
| Max. shelf load                        | 50 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 1                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 3500/6500 [W]                           |       |        |

Drying oven

# HUMi-DRY 900

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 2 controllers
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ Adjustable pressure bulkhead for optimum drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ ECO mode when humidity SP is achieved
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting

# HUMi-DRY 900



Uniform temperature



Electric heating



Ventilated airflow



4 swivel casters, 2 of which have brakes



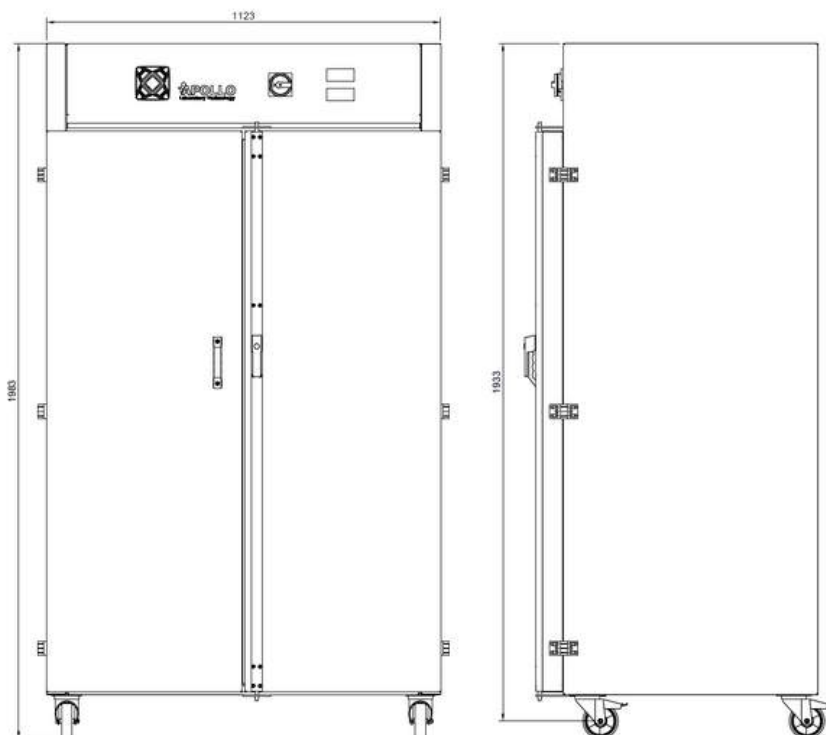
Optimal drying



Customisation possible



Eco mode



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 1185                                    | 838   | 1983   |
| Internal dimensions [mm]               | 1038                                    | 603   | 1420   |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 888 [liters]                            |       |        |
| Net capacity                           | 854 [liters]                            |       |        |
| Weight                                 | 280 [kg]                                |       |        |
| Max. load                              | 300 [kg]                                |       |        |
| Number of shelves                      | Max. 19                                 |       |        |
| Number of guides / horizontal supports | 19                                      |       |        |
| Max. shelf load                        | 50 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 2                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 3500/6500/9500 [W]                      |       |        |

Drying oven

# HUMi-DRY 2000

+30...+150°C



## Standard equipment:

- ✓ Full AISI 304 stainless steel exterior
- ✓ AISI 304 stainless steel interior
- ✓ 2 controllers
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ Adjustable pressure bulkhead for optimum drying process
- ✓ CE marking
- ✓ Mechanical espagnolette door lock
- ✓ Protection class 2.0 according to DIN 12880
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ ECO mode when humidity SP is achieved
- ✓ 6 stainless steel shelves

## Optional equipment:

- ✓ ATEX Safety
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Access port
- ✓ 150 mm drawer
- ✓ Additional stainless steel shelves (shelves or stainless steel wire)
- ✓ LED lighting



# HUMi-DRY 2000



Uniform temperature



Electric heating



Ventilated airflow



5 swivel casters, 3 of which have brakes



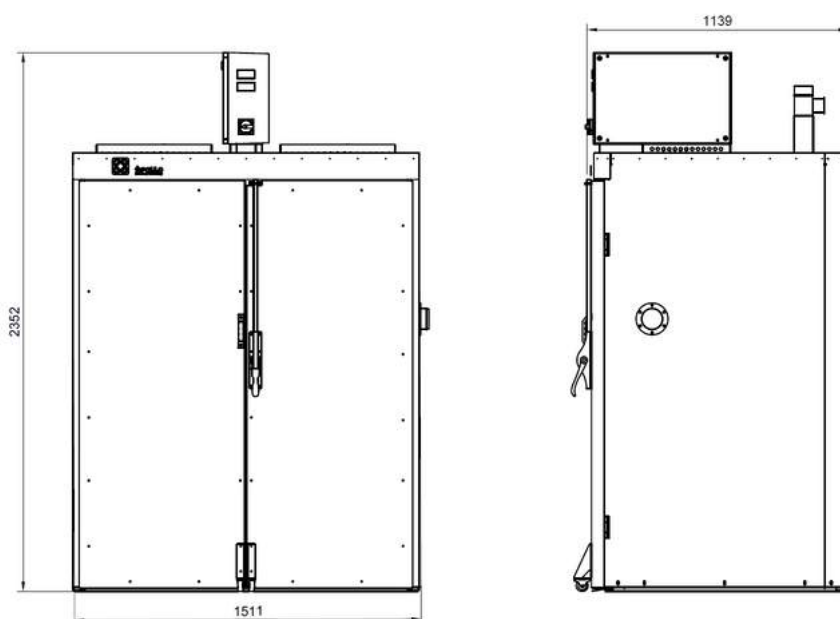
Optimal drying



Customisation possible



Eco mode



## Technical specifications:

|  | Width                                   | Depth | Height |
|--|---|-------|--------|
| External dimensions [mm]               | 1542                                    | 1170  | 2350   |
| Internal dimensions [mm]               | 1308                                    | 960   | 1706   |
| Type of heating                        | Electric                                |       |        |
| Type of ventilation                    | Compressed                              |       |        |
| Gross capacity                         | 2151 [liters]                           |       |        |
| Net capacity                           | 2142 [liters]                           |       |        |
| Weight                                 | 650 [kg]                                |       |        |
| Max. load                              | 500 [kg]                                |       |        |
| Number of shelves                      | Max. 13                                 |       |        |
| Number of guides / horizontal supports | 13                                      |       |        |
| Max. shelf load                        | 20 [kg]                                 |       |        |
| Temperature range                      | +5 above ambient temp.<br>...+150 [°C]. |       |        |
| Power                                  | 400/50 [V/hz]                           |       |        |
| Number of external doors               | 2                                       |       |        |
| Power rating                           | User-dependent                          |       |        |
| Rated current                          | 6500 [W]                                |       |        |

Climate chamber

# CLH 300

+0...+70°C / 10% tot 98% rH

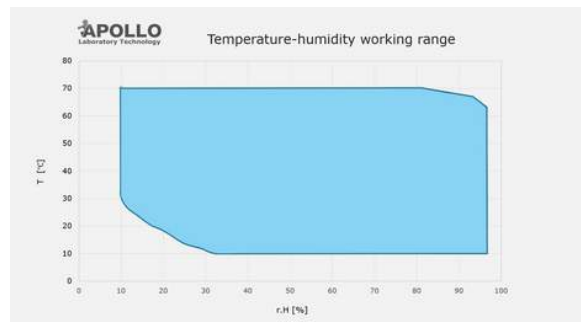


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH 300



7 inch touchscreen



Uniform temperature



Accurate humidity



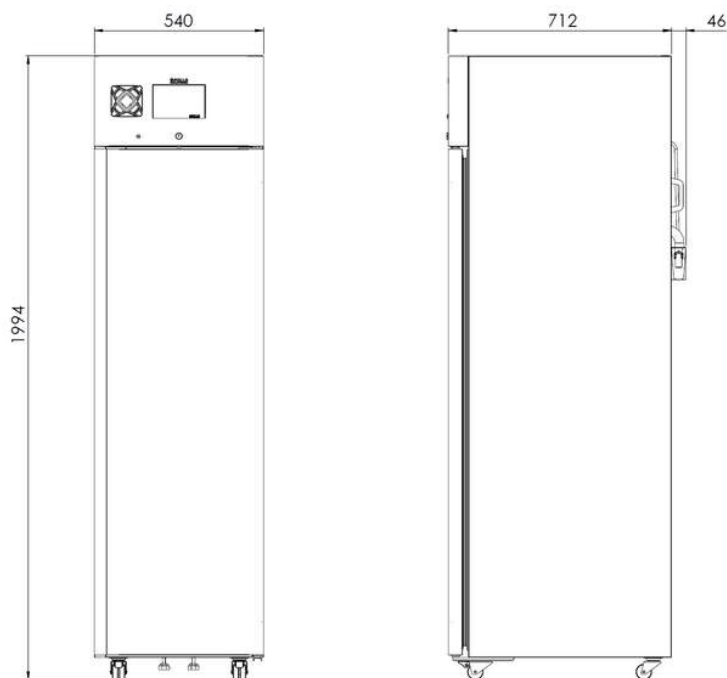
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 540                     | 764 (710) | 1994   |
| Internal dimensions [mm]               | 400                     | 560       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 300 [liters]            |           |        |
| Net capacity                           | 260 [liters]            |           |        |
| Weight                                 | 100 [kg]                |           |        |
| Max. load                              | 120 [kg]                |           |        |
| Number of shelves                      | 4                       |           |        |
| Number of guides / horizontal supports | 8                       |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] at 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of doors                        | 1                       |           |        |
| Noise level                            | 52 [dBa]                |           |        |
| Power rating                           | 1270 [W]                |           |        |
| Rated current                          | 5.5 [A]                 |           |        |

Climate chamber

# CLH 300 GLASS

+0...+70°C / 10% tot 98% rH

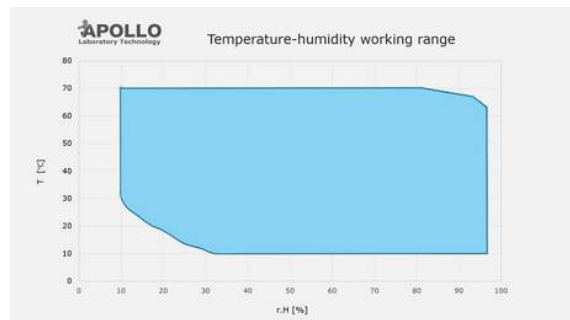


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH 300<sup>GLASS</sup>



7 inch touchscreen



Uniform temperature



Accurate humidity



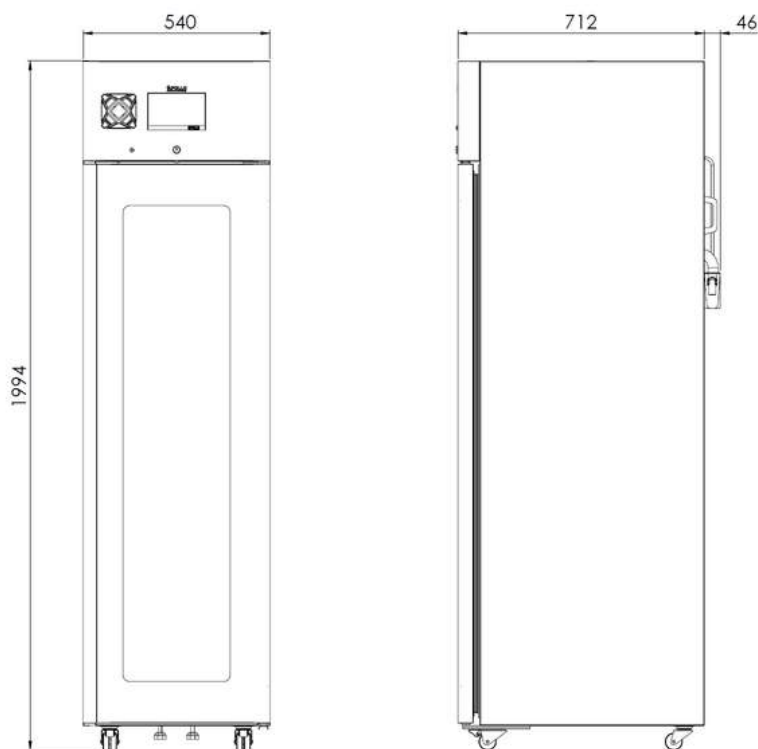
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 540                     | 764 (710) | 1994   |
| Internal dimensions [mm]               | 400                     | 560       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 300 [liters]            |           |        |
| Net capacity                           | 260 [liters]            |           |        |
| Weight                                 | 100 [kg]                |           |        |
| Max. load                              | 120 [kg]                |           |        |
| Number of shelves                      | 4                       |           |        |
| Number of guides / horizontal supports | 8                       |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 52 [dBa]                |           |        |
| Power rating                           | 1270 [W]                |           |        |
| Rated current                          | 5.5 [A]                 |           |        |

Climate chamber

# CLH 500

+0...+70°C / 10% tot 98% rH

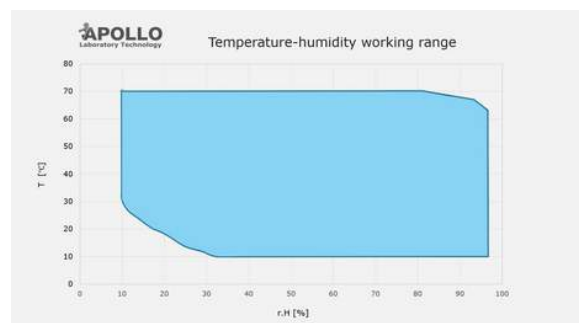


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel





# CLH 500



7 inch touchscreen



Uniform temperature



Accurate humidity



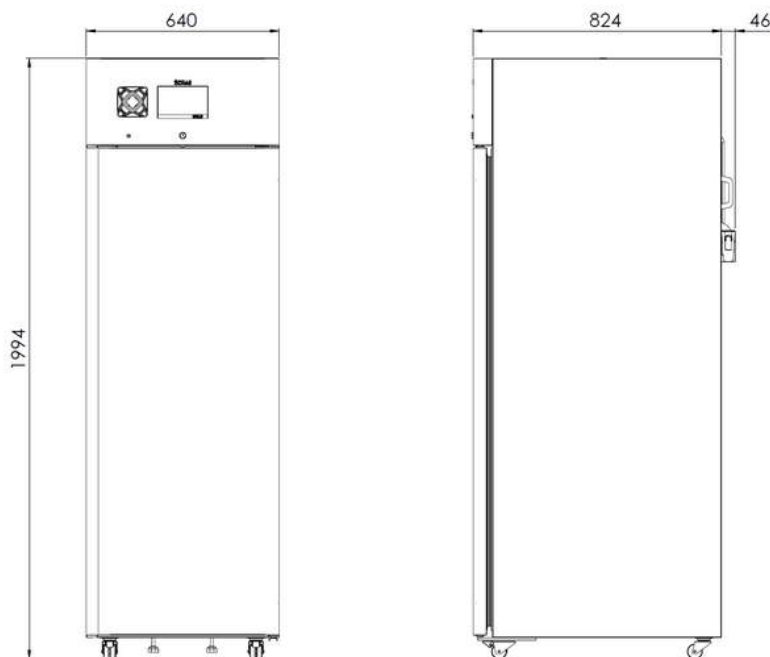
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 640                     | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                     | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 500 [liters]            |           |        |
| Net capacity                           | 480 [liters]            |           |        |
| Weight                                 | 120 [kg]                |           |        |
| Max. load                              | 120 [kg]                |           |        |
| Number of shelves                      | 4                       |           |        |
| Number of guides / horizontal supports | 8                       |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 52 [dBa]                |           |        |
| Power rating                           | 1270 [W]                |           |        |
| Rated current                          | 5.5 [A]                 |           |        |

Climate chamber

# CLH 500 GLASS

+0...+70°C / 10% tot 98% rH

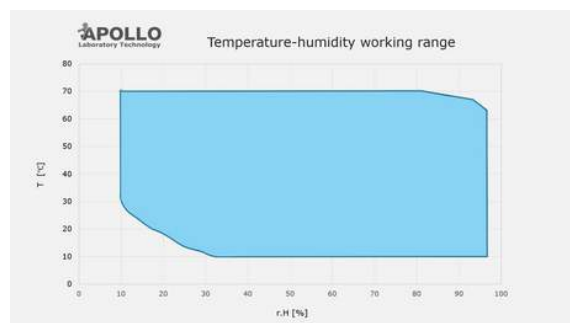


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH 500<sup>GLASS</sup>



7 inch touchscreen



Uniform temperature



Accurate humidity



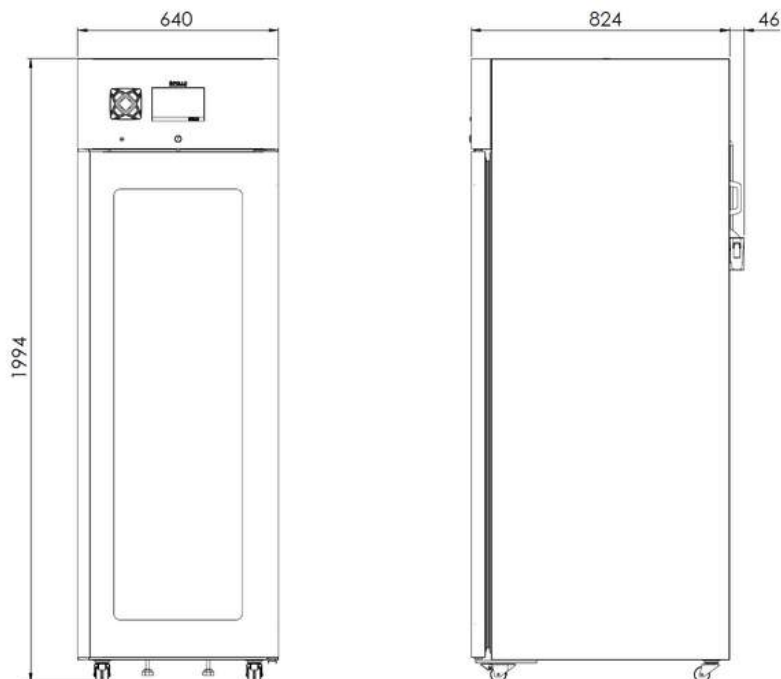
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 640                     | 870 (824) | 1994   |
| Internal dimensions [mm]               | 500                     | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 500 [liters]            |           |        |
| Net capacity                           | 480 [liters]            |           |        |
| Weight                                 | 125 [kg]                |           |        |
| Max. load                              | 120 [kg]                |           |        |
| Number of shelves                      | 4                       |           |        |
| Number of guides / horizontal supports | 8                       |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 52 [dBa]                |           |        |
| Power rating                           | 1270 [W]                |           |        |
| Rated current                          | 5.5 [A]                 |           |        |

Climate chamber

# CLH 700

+0...+70°C / 10% tot 98% rH

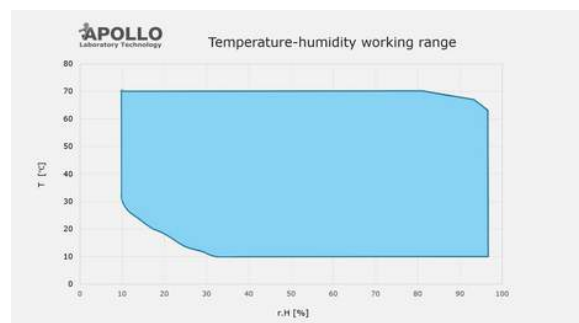


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH 700



7 inch touchscreen



Uniform temperature



Accurate humidity



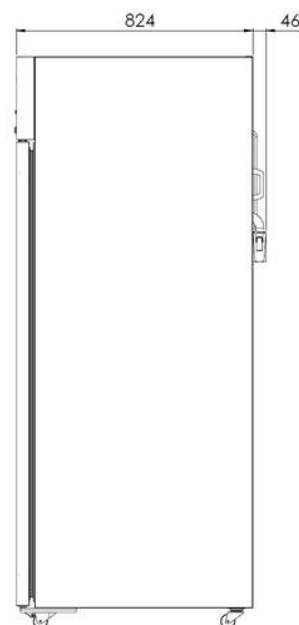
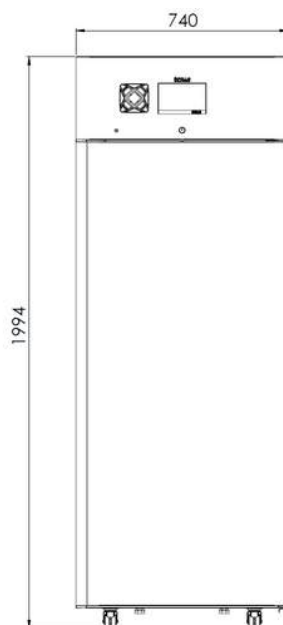
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 740                     | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                     | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 610 [liters]            |           |        |
| Net capacity                           | 580 [liters]            |           |        |
| Weight                                 | 130 [kg]                |           |        |
| Max. load                              | 120 [kg]                |           |        |
| Number of shelves                      | 4                       |           |        |
| Number of guides / horizontal supports | 8                       |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 55 [dBa]                |           |        |
| Power rating                           | 1500 [W]                |           |        |
| Rated current                          | 6.5 [A]                 |           |        |

Climate chamber

# CLH 700<sup>GLASS</sup>

+0...+70°C / 10% tot 98% rH

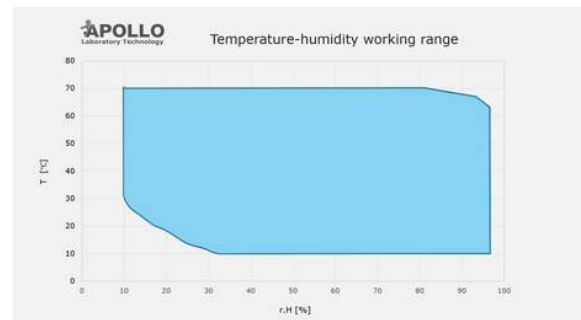


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel





# CLH 700<sup>GLASS</sup>



7 inch touchscreen



Uniform temperature



Accurate humidity



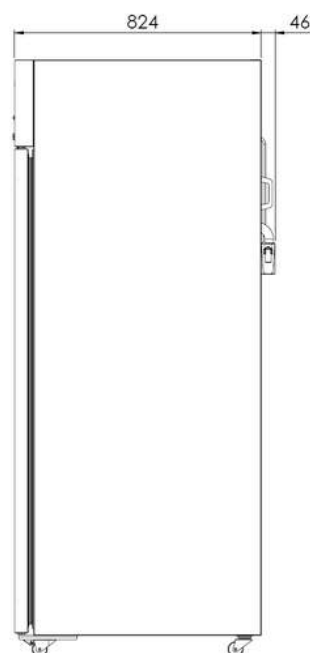
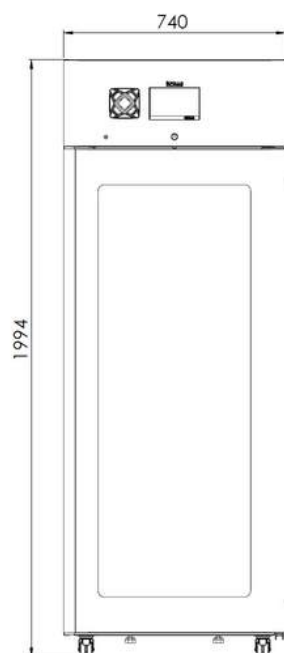
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 740                     | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                     | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 610 [liters]            |           |        |
| Net capacity                           | 580 [liters]            |           |        |
| Weight                                 | 130 [kg]                |           |        |
| Max. load                              | 120 [kg]                |           |        |
| Number of shelves                      | 4                       |           |        |
| Number of guides / horizontal supports | 8                       |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 55 [dBa]                |           |        |
| Power rating                           | 1500 [W]                |           |        |
| Rated current                          | 6.5 [A]                 |           |        |

Climate chamber

# CLH 1400

+0...+70°C / 10% tot 98% rH

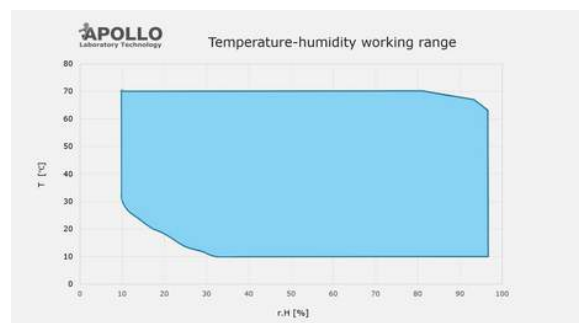


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH 1400



7 inch touchscreen



Uniform temperature



Accurate humidity



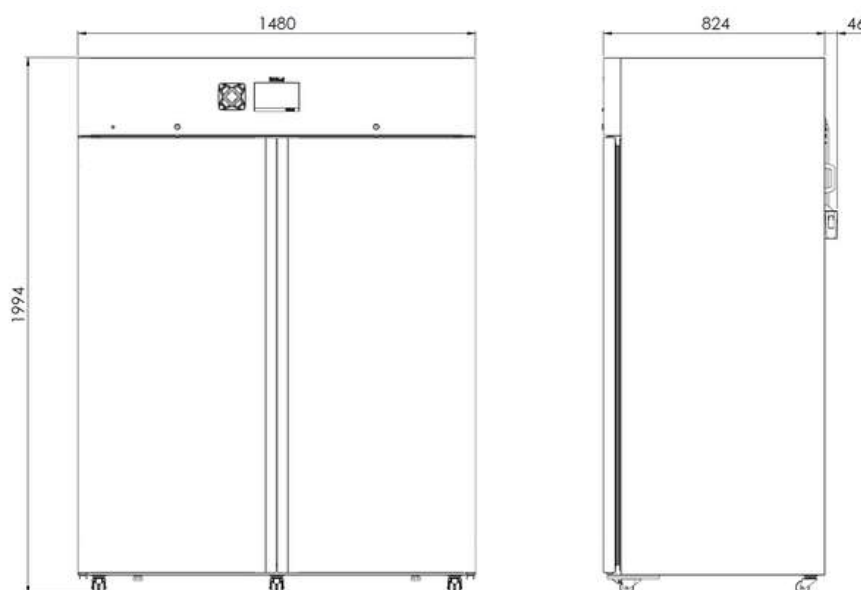
Access port Ø10mm



Possibility of changing doors L/R



5 swivel casters, 3 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 1480                    | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340                    | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 1360 [liters]           |           |        |
| Net capacity                           | 1260 [liters]           |           |        |
| Weight                                 | 170 [kg]                |           |        |
| Max. load                              | 240 [kg]                |           |        |
| Number of shelves                      | 8                       |           |        |
| Number of guides / horizontal supports | 16                      |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 55 [dBa]                |           |        |
| Power rating                           | 1700 [W]                |           |        |
| Rated current                          | 7.4 [A]                 |           |        |

Climate chamber

# CLH 1400 GLASS

+0...+70°C / 10% tot 98% rH

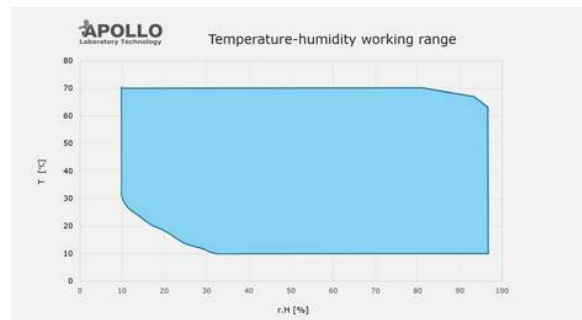


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Changing the standard temperature range
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH 1400 GLASS



7 inch touchscreen



Uniform temperature



Accurate humidity



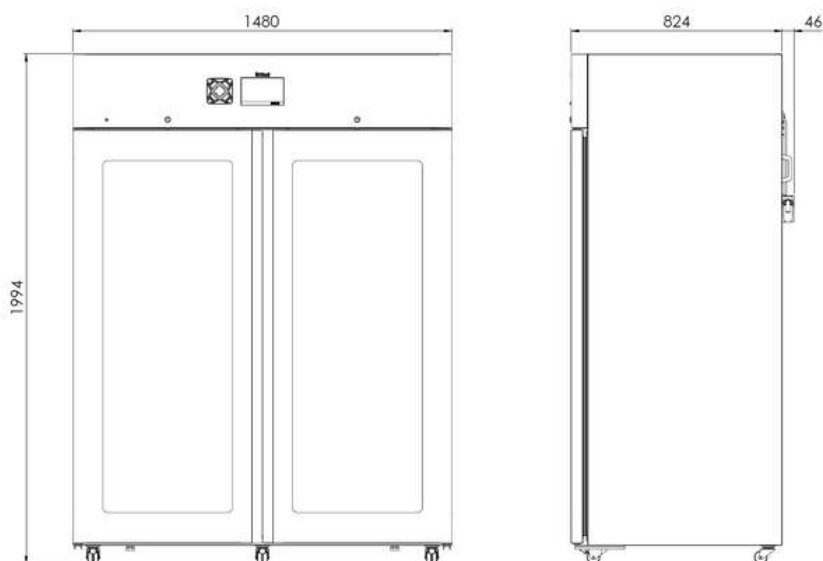
Access port Ø10mm



Possibility of changing doors L/R



5 swivel casters, 3 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 1480                    | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340                    | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 1360 [liters]           |           |        |
| Net capacity                           | 1260 [liters]           |           |        |
| Weight                                 | 205 [kg]                |           |        |
| Max. load                              | 240 [kg]                |           |        |
| Number of shelves                      | 8                       |           |        |
| Number of guides / horizontal supports | 16                      |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +0...+70 [°C]           |           |        |
| Ambient conditions                     | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                         | 10% tot 98%             |           |        |
| Moisture fluctuation                   | 4%                      |           |        |
| Environmental Conditions               | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 1                       |           |        |
| Noise level                            | 55 [dBa]                |           |        |
| Power rating                           | 1700 [W]                |           |        |
| Rated current                          | 7.4 [A]                 |           |        |

Climate chamber with CO<sub>2</sub>

# CLH-CO<sub>2</sub> 700

+0...+70°C / 10% - 98% rH / 0 - 20% CO<sub>2</sub>

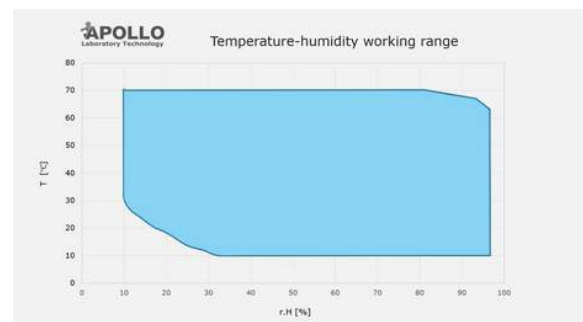


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ CO<sub>2</sub> regulation
- ✓ According to regulations EN 12390-2
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH-CO2 700



7 inch touchscreen



Uniform temperature



Accurate humidity



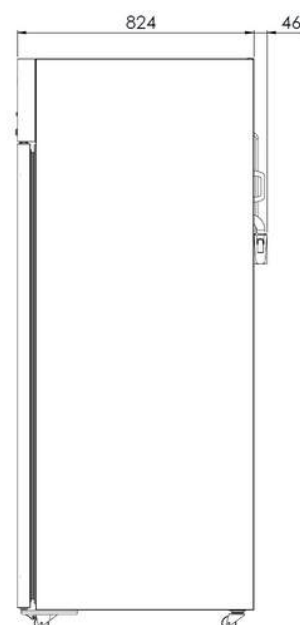
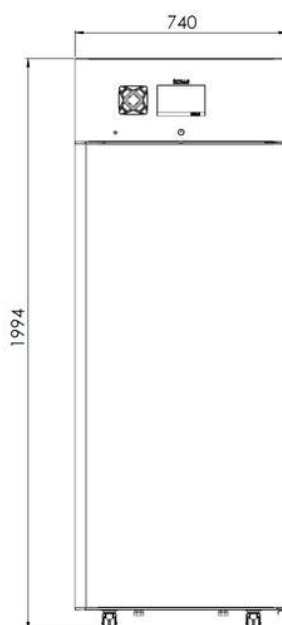
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]                       | 740                     | 870 (824) | 1994   |
| Internal dimensions [mm]                       | 600                     | 680       | 1500   |
| Cooling unit type                              | Internal                |           |        |
| Cooling type                                   | Dynamic                 |           |        |
| Gross capacity                                 | 610 [liters]            |           |        |
| Net capacity                                   | 580 [liters]            |           |        |
| Weight   | 130 [kg]                |           |        |
| Max. load                                      | 120 [kg]                |           |        |
| Number of shelves                              | 4                       |           |        |
| Number of guides / horizontal supports         | 8                       |           |        |
| Max. shelf load                                | 30 [kg]                 |           |        |
| Temperature range                              | +0...+70 [°C]           |           |        |
| Temperature uniformity depending on set point  | ± 0.5 - 2.5             |           |        |
| Temperature fluctuation depending on set point | ± 0.1 - 0.5             |           |        |
| Ambient conditions                             | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                                 | 10% tot 98%             |           |        |
| Moisture fluctuation                           | 4%                      |           |        |
| CO2 range                                      | 0 - 20%                 |           |        |
| CO2 adjustability                              | 0,1%                    |           |        |
| CO2 accuracy                                   | +/- 0.40 at 5% measured |           |        |
| CO2 connection                                 | Max. 5 bar              |           |        |
| Environmental Conditions                       | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                                    | R290                    |           |        |
| Power  | 230/50 [V/Hz]           |           |        |
| Number of external doors                       | 1                       |           |        |
| Noise level                                    | 55 [dBa]                |           |        |
| Power rating                                   | 1500 [W]                |           |        |
| Rated current                                  | 6.5 [A]                 |           |        |



Climate chamber with CO<sub>2</sub>

# CLH-CO<sub>2</sub> 700 GLASS

+0...+70°C / 10% - 98% rH / 0 - 20% CO<sub>2</sub>

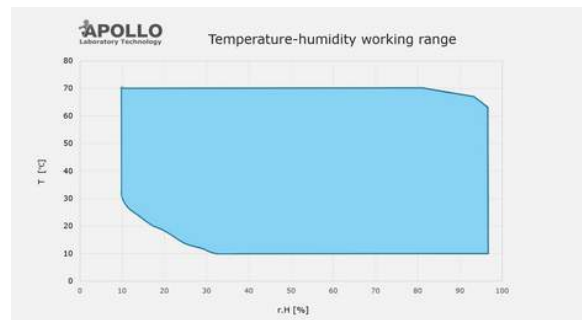


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ CO<sub>2</sub> regulation
- ✓ According to regulations EN 12390-2
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 4 swivel casters, 2 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH-CO2 700<sup>GLASS</sup>



7 inch touchscreen



Uniform temperature



Accurate humidity



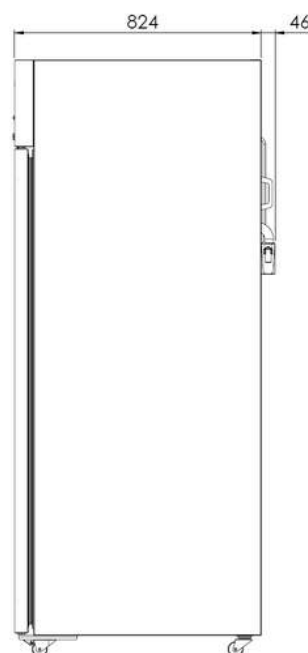
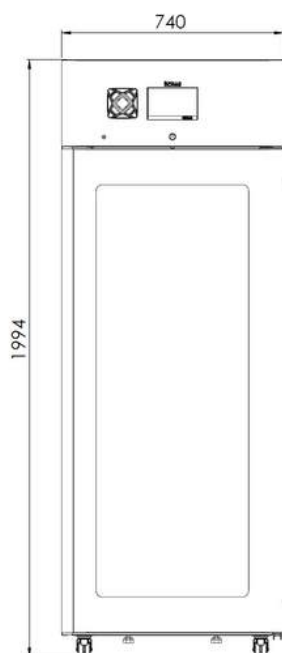
Access port Ø10mm



Possibility of changing doors L/R



4 swivel casters, 2 of which have brakes



## Technical specifications:

| External dimensions [mm]                       | Width                              | Depth     | Height |
|--|------------------------------------|-----------|--------|
|  | 740                                | 870 (824) | 1994   |
| Internal dimensions [mm]                       | 600                                | 680       | 1500   |
| Cooling unit type                              | Internal                           |           |        |
| Cooling type                                   | Dynamic                            |           |        |
| Gross capacity                                 | 610 [liters]                       |           |        |
| Net capacity                                   | 580 [liters]                       |           |        |
| Weight   | 130 [kg]                           |           |        |
| Max. load                                      | 120 [kg]                           |           |        |
| Number of shelves                              | 4                                  |           |        |
| Number of guides / horizontal supports         | 8                                  |           |        |
| Max. shelf load                                | 30 [kg]                            |           |        |
| Temperature range                              | +0...+70 [°C]                      |           |        |
| Temperature uniformity depending on set point  | ± 0.5 - 2.5                        |           |        |
| Temperature fluctuation depending on set point | ± 0.1 - 0.5                        |           |        |
| Ambient conditions                             | ± 0,1 [°C] - 1 [°C]                |           |        |
| Humidity range                                 | 10% tot 98%                        |           |        |
| Moisture fluctuation                           | 4%                                 |           |        |
| CO2 range                                      | 0 - 20%                            |           |        |
| CO2 adjustability                              | 0,1%                               |           |        |
| CO2 accuracy                                   | +/- 0.40 at 5% <del>measured</del> |           |        |
| CO2 connection                                 | Max. 5 bar                         |           |        |
| Environmental Conditions                       | Max. +25 [°C] op 60% RH            |           |        |
| Refrigerant                                    | R290                               |           |        |
| Power  | 230/50 [V/Hz]                      |           |        |
| Number of external doors                       | 1                                  |           |        |
| Noise level                                    | 55 [dBa]                           |           |        |
| Power rating                                   | 1500 [W]                           |           |        |
| Rated current                                  | 6.5 [A]                            |           |        |

Climate chamber with CO<sub>2</sub>

# CLH-CO<sub>2</sub> 1400

+0...+70°C / 10% - 98% rH / 0 - 20% CO<sub>2</sub>

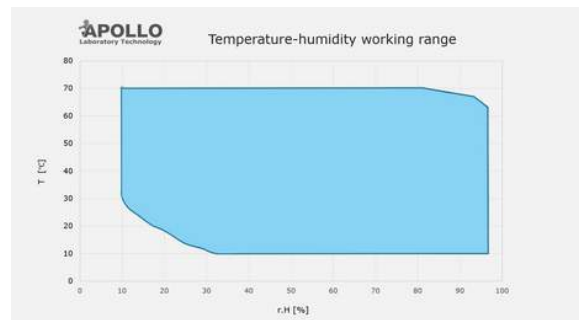


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ CO<sub>2</sub> regulation
- ✓ According to regulations EN 12390-2
- ✓ Solid door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH-CO2 1400



7 inch touchscreen



Uniform temperature



Accurate humidity



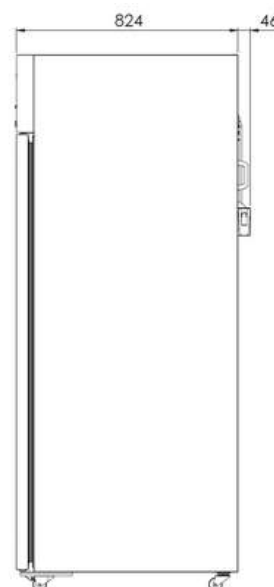
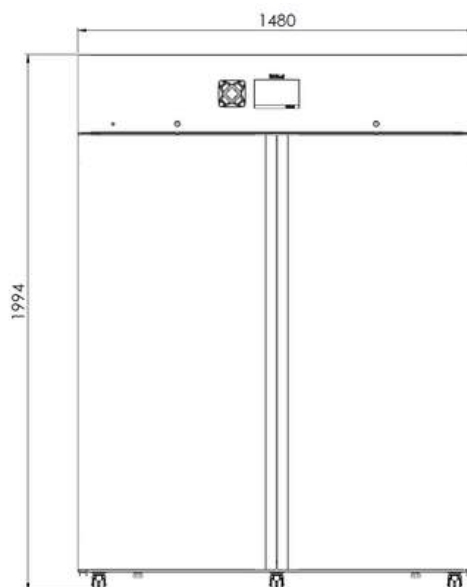
Access port Ø10mm



Possibility of changing doors L/R



5 swivel casters, 3 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]                       | 1480                    | 870 (824) | 1994   |
| Internal dimensions [mm]                       | 1340                    | 680       | 1500   |
| Cooling unit type                              | Internal                |           |        |
| Cooling type                                   | Dynamic                 |           |        |
| Gross capacity                                 | 1360 [liters]           |           |        |
| Net capacity                                   | 1260 [liters]           |           |        |
| Weight   | 170 [kg]                |           |        |
| Max. load                                      | 240 [kg]                |           |        |
| Number of shelves                              | 8                       |           |        |
| Number of guides / horizontal supports         | 16                      |           |        |
| Max. shelf load                                | 30 [kg]                 |           |        |
| Temperature range                              | +0...+70 [°C]           |           |        |
| Temperature uniformity depending on set point  | ± 0.5 - 2.5             |           |        |
| Temperature fluctuation depending on set point | ± 0.1 - 0.5             |           |        |
| Ambient conditions                             | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                                 | 10% tot 98%             |           |        |
| Moisture fluctuation                           | 4%                      |           |        |
| CO2 range                                      | 0 - 20%                 |           |        |
| CO2 adjustability                              | 0,1%                    |           |        |
| CO2 accuracy                                   | +/- 0.40 at 5% measured |           |        |
| CO2 connection                                 | Max. 5 bar              |           |        |
| Environmental Conditions                       | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                                    | R290                    |           |        |
| Power  | 230/50 [V/Hz]           |           |        |
| Number of external doors                       | 1                       |           |        |
| Noise level                                    | 55 [dBa]                |           |        |
| Power rating                                   | 1700 [W]                |           |        |
| Rated current                                  | 7.4 [A]                 |           |        |

Climate chamber with CO<sub>2</sub>

# CLH-CO<sub>2</sub> 1400<sup>GLASS</sup>

+0...+70°C / 10% - 98% rH / 0 - 20% CO<sub>2</sub>

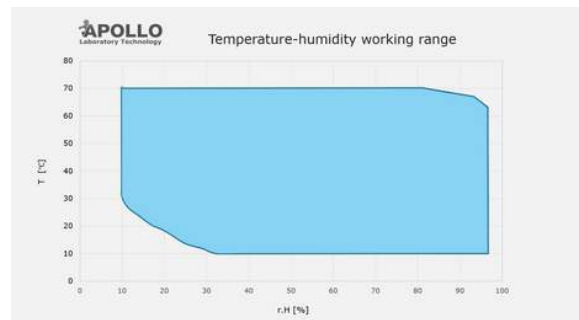


## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ CO<sub>2</sub> regulation
- ✓ According to regulations EN 12390-2
- ✓ Glass door with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1K
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Access port Ø10mm
- ✓ 5 swivel casters, 3 of which have brakes
- ✓ 2 additional adjustable feet

## Optional equipment:

- ✓ Temperature sensor
- ✓ Additional access port in the wall Ø10mm
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ LED lighting
- ✓ External housing made of acid-resistant AISI 304 steel



# CLH-CO2 1400 GLASS



7 inch touchscreen



Uniform temperature



Accurate humidity



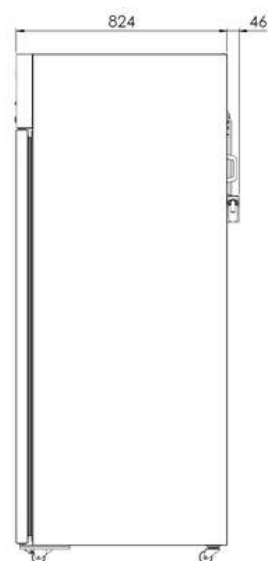
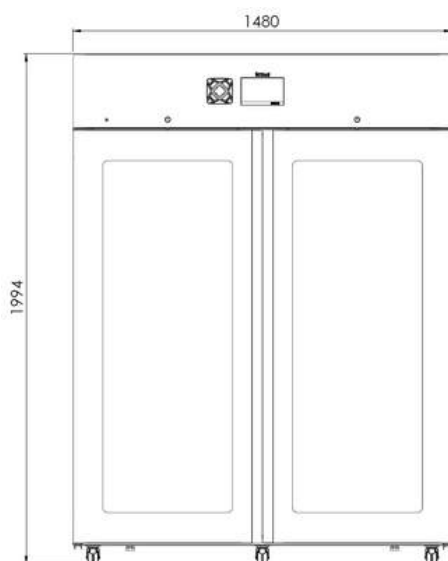
Access port Ø10mm



Possibility of changing doors L/R



5 swivel casters, 3 of which have brakes



## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]                       | 1480                    | 870 (824) | 1994   |
| Internal dimensions [mm]                       | 1340                    | 680       | 1500   |
| Cooling unit type                              | Internal                |           |        |
| Cooling type                                   | Dynamic                 |           |        |
| Gross capacity                                 | 1360 [liters]           |           |        |
| Net capacity                                   | 1260 [liters]           |           |        |
| Weight   | 205 [kg]                |           |        |
| Max. load                                      | 240 [kg]                |           |        |
| Number of shelves                              | 8                       |           |        |
| Number of guides / horizontal supports         | 16                      |           |        |
| Max. shelf load                                | 30 [kg]                 |           |        |
| Temperature range                              | +0...+70 [°C]           |           |        |
| Temperature uniformity depending on set point  | ± 0.5 - 2.5             |           |        |
| Temperature fluctuation depending on set point | ± 0.1 - 0.5             |           |        |
| Ambient conditions                             | ± 0,1 [°C] - 1 [°C]     |           |        |
| Humidity range                                 | 10% tot 98%             |           |        |
| Moisture fluctuation                           | 4%                      |           |        |
| CO2 range                                      | 0 - 20%                 |           |        |
| CO2 adjustability                              | 0,1%                    |           |        |
| CO2 accuracy                                   | +/- 0.40 at 5% measured |           |        |
| CO2 connection                                 | Max. 5 bar              |           |        |
| Environmental Conditions                       | Max. +25 [°C] op 60% RH |           |        |
| Refrigerant                                    | R290                    |           |        |
| Power  | 230/50 [V/Hz]           |           |        |
| Number of external doors                       | 1                       |           |        |
| Noise level                                    | 55 [dBa]                |           |        |
| Power rating                                   | 1700 [W]                |           |        |
| Rated current                                  | 7.4 [A]                 |           |        |

Walk in climate chamber

# Walk in CLH 12

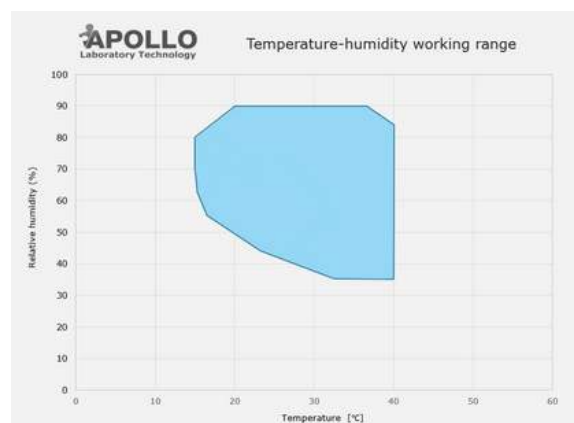


## Standard equipment:

- ✓ Perfectly meets requirements in Pharma industry
- ✓ Fully complies with Pharma regulations (ICH) Equipment
- ✓ Perfect test conditions are maintained in a wide range of temperature from 15°C to 40°C and relative humidity of 35% to 90% RH
- ✓ RAL 9016 coated exterior and interior
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the ability to change the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Led lighting on ceiling
- ✓ Door locking system with security to prevent locking
- ✓ Panels insulated with CFC/HFC free insulation
- ✓ Skirting boards hygienically finished
- ✓ Active humidification by ultrasonic system

## Optional equipment:

- ✓ Extra temperature sensor
- ✓ External housing made of acid-resistant AISI 304 steel
- ✓ Internal housing made of acid-resistant AISI 304 steel
- ✓ ATEX
- ✓ Racks for in the chamber
- ✓ Fire safety possible 30 and 60 minutes, inside to outside, outside to inside and combined
- ✓ Window in door
- ✓ Water treatment for the ultrasonic unit of Hydrolab





# Walk in CLH 12



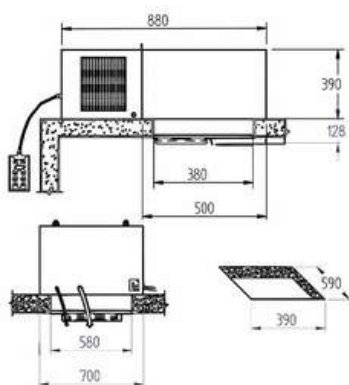
7 inch touchscreen



Uniform temperature



Accurate humidity



## Technical specifications:

|                               | Width                                     | Depth                        | Height                    |
|-------------------------------|---|------------------------------|---------------------------|
| External dimensions [mm]      | 2410                                      | 2410 +<br>200 (ext.<br>egt.) | 2480 +<br>430<br>(cooler) |
| Internal dimensions [mm]      | 2250                                      | 2250                         | 2300                      |
| Cooling unit type             | AP-SP50M-2F                               |                              |                           |
| Cooling type                  | Monoblock                                 |                              |                           |
| Gross capacity m <sup>3</sup> | 11,64                                     |                              |                           |
| Net capacity                  | 11,16                                     |                              |                           |
| Temperature range             | 15 - 40 [°C]                              |                              |                           |
| Uniformity (°C)               | +/- 1°C                                   |                              |                           |
| Fluctuation (°C)              | +/- 0,5°C                                 |                              |                           |
| Humidity range                | 35 to 90% rH                              |                              |                           |
| Uniformity (%)                | +/- 2% rH                                 |                              |                           |
| Fluctuation (%)               | +/- 1% rH                                 |                              |                           |
| Ambient conditions            | 10-38 [°C], 65% RV                        |                              |                           |
| Refrigerant                   | R452A                                     |                              |                           |
| Power                         | 840W cooler 4x45W internal<br>fan, 4x150W |                              |                           |
| Number of external doors      | 1   |                              |                           |

Walk in climate chamber

# Walk in CLH 16.5

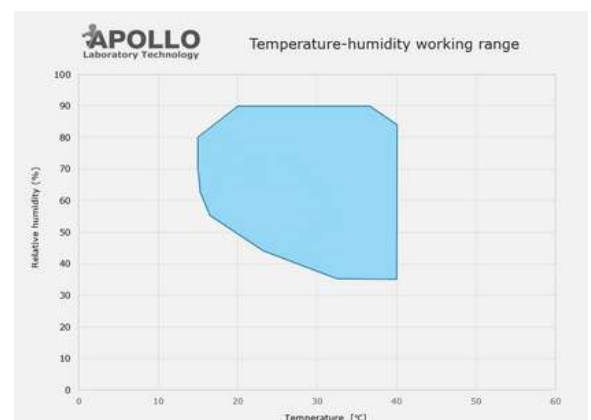


## Standard equipment:

- ✓ Perfectly meets requirements in Pharma industry
- ✓ Fully complies with Pharma regulations (ICH) Equipment
- ✓ Perfect test conditions are maintained in a wide range of temperature from 15°C to 40°C and relative humidity of 35% to 90% RH
- ✓ RAL 9016 coated exterior and interior
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the ability to change the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Led lighting on ceiling
- ✓ Door locking system with security to prevent locking
- ✓ Panels insulated with CFC/HFC free insulation
- ✓ Skirting boards hygienically finished
- ✓ Active humidification by ultrasonic system

## Optional equipment:

- ✓ Extra temperature sensor
- ✓ External housing made of acid-resistant AISI 304 steel
- ✓ Internal housing made of acid-resistant AISI 304 steel
- ✓ ATEX
- ✓ Racks for in the chamber
- ✓ Fire safety possible 30 and 60 minutes, inside to outside, outside to inside and combined
- ✓ Window in door
- ✓ Water treatment for the ultrasonic unit of Hydrolab



# Walk in CLH 16.5



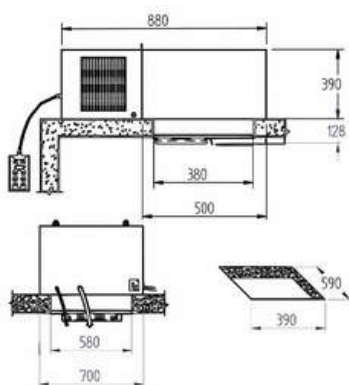
7 inch touchscreen



Uniform temperature



Accurate humidity



## Technical specifications:

|                               | Width                                     | Depth                        | Height                    |
|-------------------------------|---|------------------------------|---------------------------|
| External dimensions [mm]      | 2410                                      | 3410 +<br>200 (ext.<br>egt.) | 2480 +<br>430<br>(cooler) |
| Internal dimensions [mm]      | 2250                                      | 3250                         | 2300                      |
| Cooling unit type             | AP-SP50M-2F                               |                              |                           |
| Cooling type                  | Monoblock                                 |                              |                           |
| Gross capacity m <sup>3</sup> | 16,82                                     |                              |                           |
| Net capacity                  | 16,12                                     |                              |                           |
| Temperature range             | 15 - 40 [°C]                              |                              |                           |
| Uniformity (°C)               | +/- 1°C                                   |                              |                           |
| Fluctuation (°C)              | +/- 0,5°C                                 |                              |                           |
| Humidity range                | 35 to 90% rH                              |                              |                           |
| Uniformity (%)                | +/- 2% rH                                 |                              |                           |
| Fluctuation (%)               | +/- 1% rH                                 |                              |                           |
| Ambient conditions            | 10-38 [°C], 65% RV                        |                              |                           |
| Refrigerant                   | R452A                                     |                              |                           |
| Power                         | 840W cooler 4x45W internal<br>fan, 4x150W |                              |                           |
| Number of external doors      | 1   |                              |                           |

Walk in climate chamber

# Walk in CLH 20

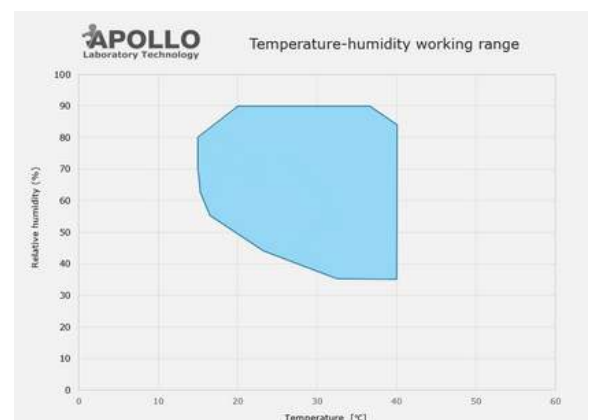


## Standard equipment:

- ✓ Perfectly meets requirements in Pharma industry
- ✓ Fully complies with Pharma regulations (ICH) Equipment
- ✓ Perfect test conditions are maintained in a wide range of temperature from 15°C to 40°C and relative humidity of 35% to 90% RH
- ✓ RAL 9016 coated exterior and interior
- ✓ Environmentally friendly refrigerant
- ✓ Solid door with replaceable seal
- ✓ Mechanical door locking system
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the ability to change the temperature setting every 0.1k
- ✓ Capacitive touch screen controller
- ✓ Dynamic cooling and heating system
- ✓ Led lighting on ceiling
- ✓ Door locking system with security to prevent locking
- ✓ Panels insulated with CFC/HFC free insulation
- ✓ Skirting boards hygienically finished
- ✓ Active humidification by ultrasonic system

## Optional equipment:

- ✓ Extra temperature sensor
- ✓ External housing made of acid-resistant AISI 304 steel
- ✓ Internal housing made of acid-resistant AISI 304 steel
- ✓ ATEX
- ✓ Racks for in the chamber
- ✓ Fire safety possible 30 and 60 minutes, inside to outside, outside to inside and combined
- ✓ Window in door
- ✓ Water treatment for the ultrasonic unit of Hydrolab



# Walk in CLH 20



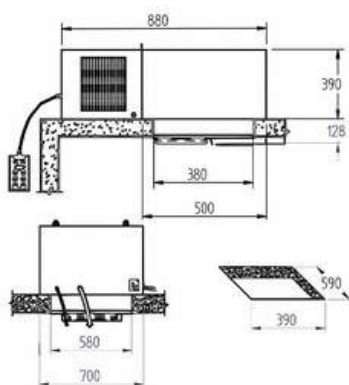
7 inch touchscreen



Uniform temperature



Accurate humidity



## Technical specifications:

|                               | Width                                     | Depth                        | Height                    |
|-------------------------------|---|------------------------------|---------------------------|
| External dimensions [mm]      | 2410                                      | 4660 +<br>200 (ext.<br>egt.) | 2480 +<br>430<br>(cooler) |
| Internal dimensions [mm]      | 2250                                      | 4500                         | 2300                      |
| Cooling unit type             | AP-SP50M-2F                               |                              |                           |
| Cooling type                  | Monoblock                                 |                              |                           |
| Gross capacity m <sup>3</sup> | 23,29                                     |                              |                           |
| Net capacity                  | 22,29                                     |                              |                           |
| Temperature range             | 15 - 40 [°C]                              |                              |                           |
| Uniformity (°C)               | +/- 1°C                                   |                              |                           |
| Fluctuation (°C)              | +/- 0,5°C                                 |                              |                           |
| Humidity range                | 35 to 90% rH                              |                              |                           |
| Uniformity (%)                | +/- 2% rH                                 |                              |                           |
| Fluctuation (%)               | +/- 1% rH                                 |                              |                           |
| Ambient conditions            | 10-38 [°C], 65% RV                        |                              |                           |
| Refrigerant                   | R452A                                     |                              |                           |
| Power                         | 840W cooler 4x45W internal<br>fan, 4x150W |                              |                           |
| Number of external doors      | 1   |                              |                           |

Pass-through refrigerator

# PASS-LC 700 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ 2 glass doors with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Possibility of changing doors L/R
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 4 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Sensor throughput
- ✓ 2 castors with brake and 2 castors without brake
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional control hole in the wall
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ External housing made of acid-resistant AISI 304 steel



# PASS-LC 700<sup>GLASS</sup>



Environmentally friendly refrigerant



Antifreeze system



Sensor throughput



Possibility of changing doors L/R



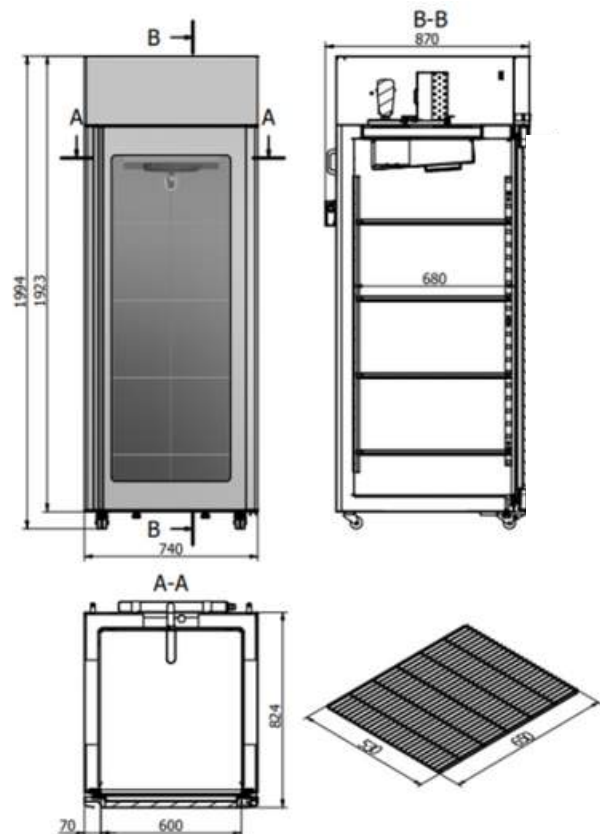
2 castors with brake and 2 castors without brake



2 additional adjustable feet



LED lighting



## Technical specifications:

|  | Width                  | Depth     | Height |
|--|------------------------|-----------|--------|
| External dimensions [mm]               | 740                    | 870 (824) | 1994   |
| Internal dimensions [mm]               | 600                    | 680       | 1500   |
| Cooling unit type                      | Internal               |           |        |
| Cooling type                           | Dynamic                |           |        |
| Gross capacity                         | 610 [dm <sup>3</sup> ] |           |        |
| Net capacity                           | 580 [dm <sup>3</sup> ] |           |        |
| Weight                                 | 145 [kg]               |           |        |
| Max. load                              | 120 [kg]               |           |        |
| Number of shelves                      | 4                      |           |        |
| Number of guides / horizontal supports | 8                      |           |        |
| Max. shelf load                        | 30 [kg]                |           |        |
| Temperature range                      | +2...+10 [°C]          |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR     |           |        |
| Refrigerant                            | R290                   |           |        |
| Power                                  | 230/50 [V/Hz]          |           |        |
| Number of external doors               | 1                      |           |        |
| Daily energy consumption               | 6.0 [kWh/24h]          |           |        |
| Noise level                            | 55 [db]                |           |        |
| Power rating                           | 520 [W]                |           |        |
| Rated current                          | 2.2 [A]                |           |        |



Pass-through refrigerator

# PASS-LC 1400 GLASS

+2...+10°C



## Standard equipment:

- ✓ RAL 9016 coated exterior
- ✓ Interior made of AISI 304 acid-resistant steel
- ✓ 70 mm insulation
- ✓ Environmentally friendly refrigerant
- ✓ 4 glass doors with replaceable seal
- ✓ Mechanical door lock
- ✓ Automatic door closing system`
- ✓ Electronic temperature controller with digital display with the possibility of changing the temperature setting every 0.1k
- ✓ Visual and sound alarm for high and low temperature
- ✓ Open door alarm
- ✓ Dirty condenser coil alarm
- ✓ Faulty temperature sensor alarm
- ✓ External alarm output potential-free contact
- ✓ Auto defrost and condensation evaporation
- ✓ Antifreeze system
- ✓ Shelf guides / horizontal supports
- ✓ 8 coated wire shelves
- ✓ Adjustable shelf position
- ✓ Sensor throughput
- ✓ 3 castors with brake and 2 castors without brake
- ✓ 2 additional adjustable feet
- ✓ Handles at the back of the unit for easy transport
- ✓ LED lighting

## Optional equipment:

- ✓ Alarm backup battery
- ✓ Power failure alarm
- ✓ Temperature sensor
- ✓ Change of standard temperature range
- ✓ Additional control hole in the wall
- ✓ Glycol container
- ✓ Adjustable PVC feet
- ✓ 75 mm drawer with dividers
- ✓ 150 mm drawer
- ✓ Additional shelf guides / horizontal supports
- ✓ Additional shelves (coated wire, stainless steel wire)
- ✓ External housing made of acid-resistant AISI 304 steel

# PASS-LC 1400 GLASS



Environmentally friendly refrigerant



Antifreeze system



Sensor throughput



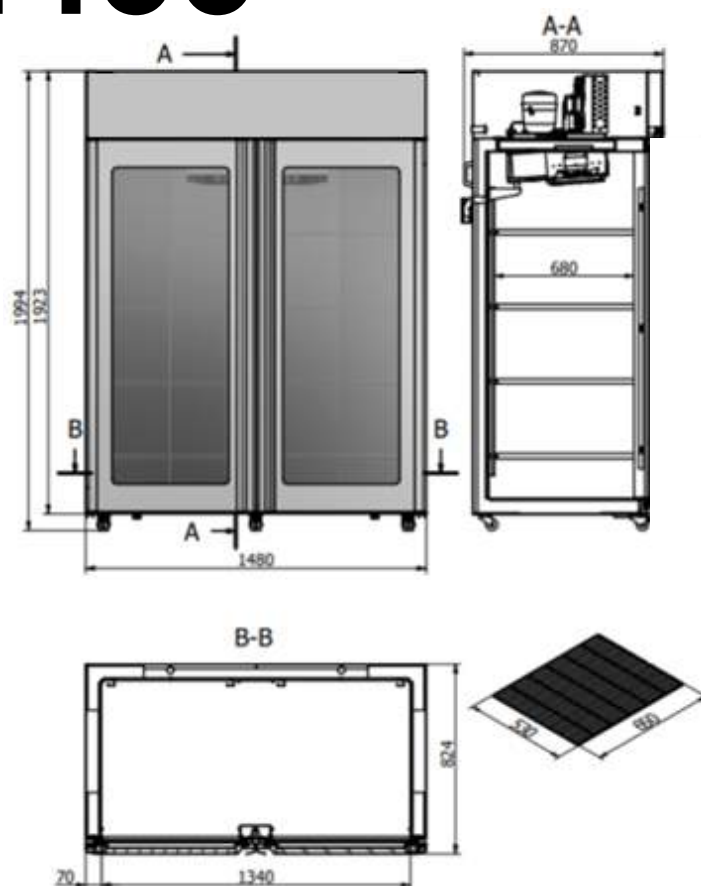
2 castors with brake and 2 castors without brake



2 additional adjustable feet



LED lighting

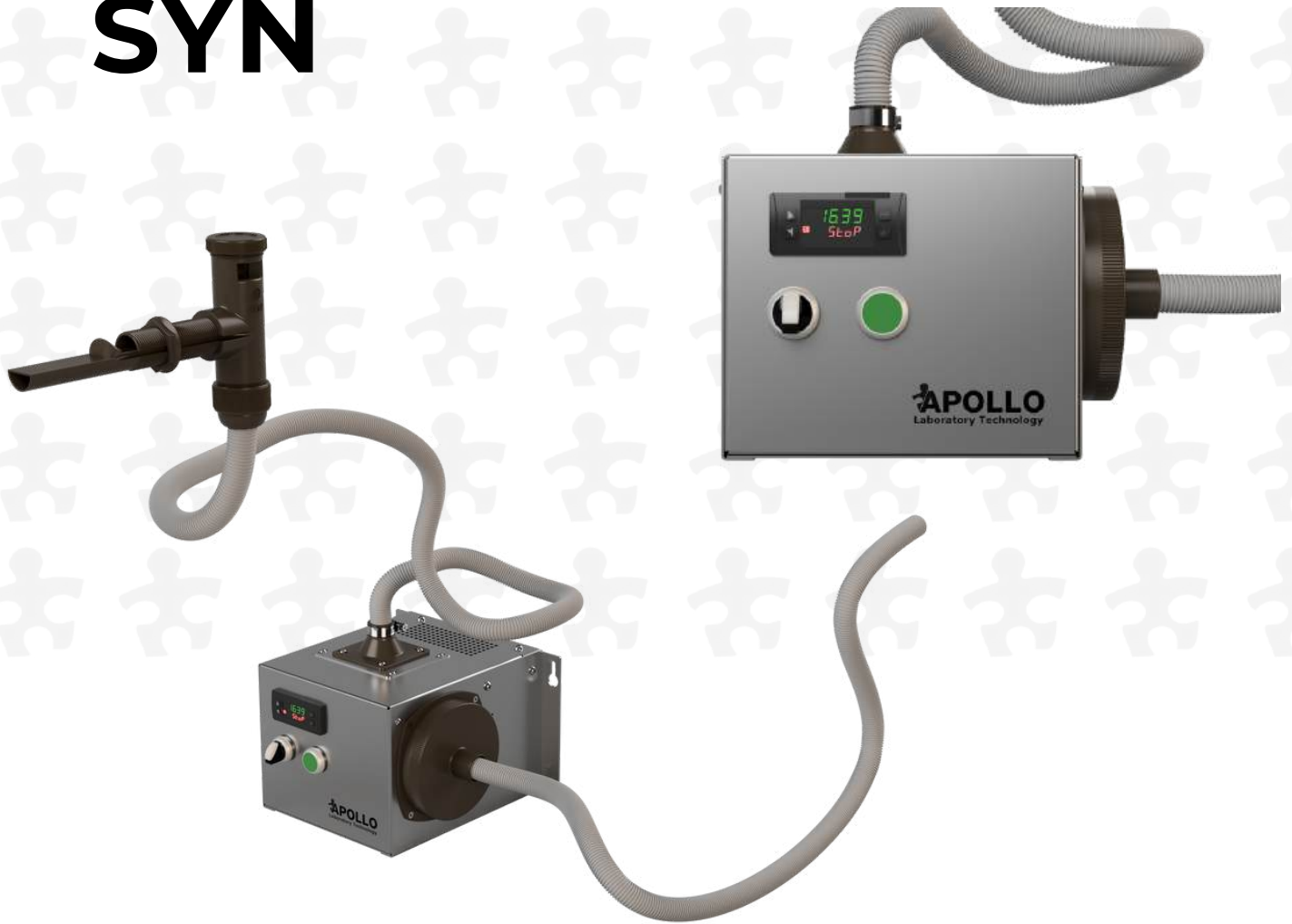


## Technical specifications:

|  | Width                   | Depth     | Height |
|--|-------------------------|-----------|--------|
| External dimensions [mm]               | 1480                    | 870 (824) | 1994   |
| Internal dimensions [mm]               | 1340                    | 680       | 1500   |
| Cooling unit type                      | Internal                |           |        |
| Cooling type                           | Dynamic                 |           |        |
| Gross capacity                         | 1360 [dm <sup>3</sup> ] |           |        |
| Net capacity                           | 1260 [dm <sup>3</sup> ] |           |        |
| Weight                                 | 205 [kg]                |           |        |
| Max. load                              | 240 [kg]                |           |        |
| Number of shelves                      | 8                       |           |        |
| Number of guides / horizontal supports | 16                      |           |        |
| Max. shelf load                        | 30 [kg]                 |           |        |
| Temperature range                      | +2...+10 [°C]           |           |        |
| Ambient conditions                     | +25 [°C] op 60% HR      |           |        |
| Refrigerant                            | R290                    |           |        |
| Power                                  | 230/50 [V/Hz]           |           |        |
| Number of external doors               | 2                       |           |        |
| Daily energy consumption               | 8.0 [kWh/24h]           |           |        |
| Noise level                            | 57 [db]                 |           |        |
| Power rating                           | 730 [W]                 |           |        |
| Rated current                          | 3.7 [A]                 |           |        |

Refrigerator and incubator extraction

# SYN



## Standard equipment:

- ✓ AISI 304 housing
- ✓ Push button for manual pumping
- ✓ Adjustable digital timer
- ✓ Wall mount included
- ✓ 1.5 meter hose length
- ✓ Universally deployable
- ✓ Sparring for external sensor

## Optional equipment:

- ✓ Power failure alarm
- ✓ Extra hose length
- ✓ Sparring for additional sensors
- ✓ Carbon filter

# SYN



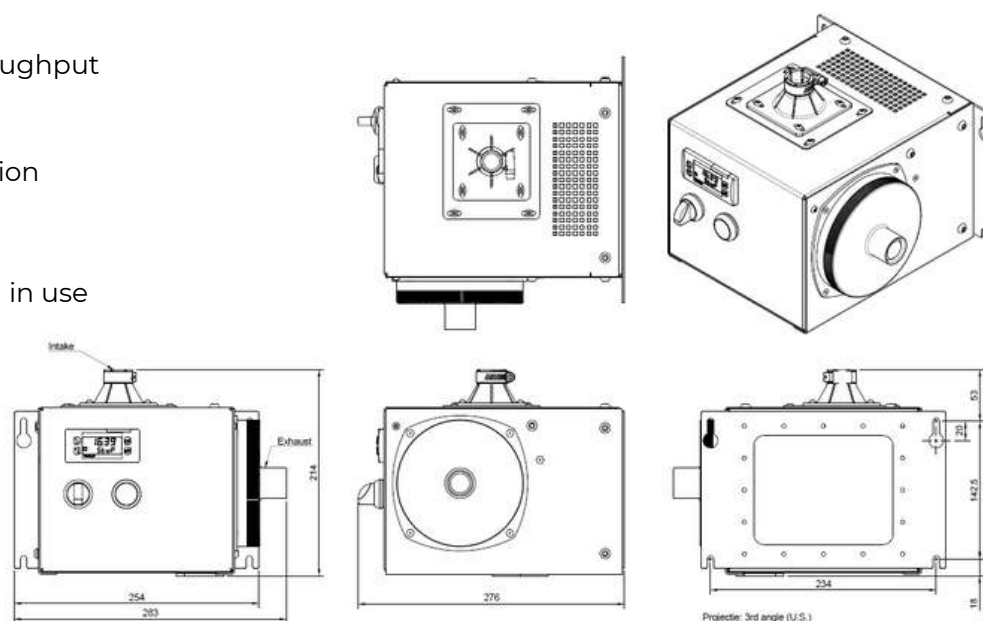
Sensor throughput



Customization possible



Economical in use



## Technical specifications:

|  | Width               | Depth | Height |
|--|---------------------|-------|--------|
| External dimensions [mm]   | 283                 | 276   | 214    |
| Climatic conditions in object to be extracted                                | Max. -25...+75 [°C] |       |        |
| Maximum hose length (standard 1.5 meters included)                           | 6 meter             |       |        |
| Maximum distance from SYN to connected device (standard 1.5 meters included) | 1,5 meter           |       |        |
| Voltage  | 230/50 [V/Hz]       |       |        |
| Power  | 60 [W]              |       |        |
| Noise level  | 52 [dBa]            |       |        |
| Rated current  | 0.3 [A]             |       |        |

Refrigerator and incubator extraction

# SYN Airo



## Standard equipment:

- ✓ AISI 304 housing
- ✓ Push button for manual pumping
- ✓ Adjustable digital timer
- ✓ Wall mount included
- ✓ 1.5 meter hose length
- ✓ Universally deployable
- ✓ Sparing for external sensor

## Optional equipment:

- ✓ Power failure alarm
- ✓ Extra hose length
- ✓ Sparing for additional sensors
- ✓ Carbon filter

# SYN Airo



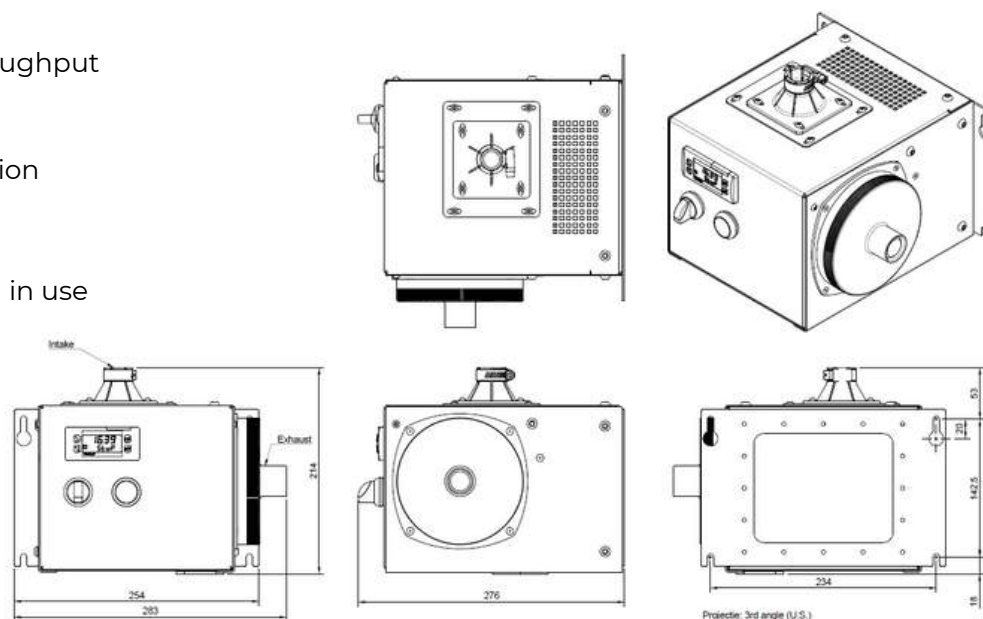
Sensor throughput



Customization possible



Economical in use



## Technical specifications:

|  | Width               | Depth | Height |
|--|---------------------|-------|--------|
| External dimensions [mm]   | 283                 | 276   | 214    |
| Climatic conditions in object to be extracted                                | Max. -25...+75 [°C] |       |        |
| Maximum hose length (standard 1.5 meters included)                           | 6 meter             |       |        |
| Maximum distance from SYN to connected device (standard 1.5 meters included) | 1,5 meter           |       |        |
| Voltage  | 230/50 [V/Hz]       |       |        |
| Power  | 60 [W]              |       |        |
| Noise level  | 52 [dBa]            |       |        |
| Rated current  | 0.3 [A]             |       |        |

