

04/2013

# **Mod: DPA/CTVA315-S**

**Production code: 8046667-R**



**Diamond**  
catering equipment

# DROP IN TECHNICAL

## Summary

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# INTRODUCTION

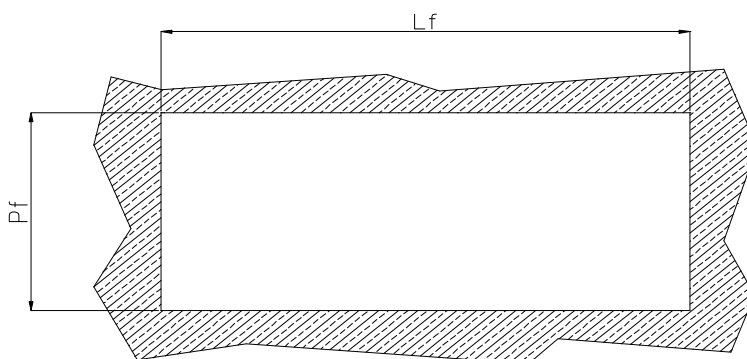
The DROP IN - WALL line is composed of standard elements suitable for insertion in worktops made of any type of material and has been conceived to meet wall mounting requirements. The WALL line is well suited to any kind of shop fitting, ensuring, according to professional standard, the food keeping at the right temperature (both for hot and cold food).

The ventilated appliances are conceived for distribution and display of food and drinks needing a constant temperature keeping (hot or cold). They have to be used only during food distribution and not for permanent food holding.

These appliances are not suited to work at not controlled ambient conditions (rain, direct sun, etc...) and they are fastened to the worktop by means of adjustable brackets.

Refrigerated elements are equipped with condensing unit in the complete version, or preset for remote refrigeration. The first are ready for use, the others require connection to remote condensing unit, charging with coolant fluid and testing.

## Arrangement of hole in worktops for built-in elements:



| Gastro Norm | 3 GN1/1         | 4 GN1/1         | 5 GN1/1         |
|-------------|-----------------|-----------------|-----------------|
| Lf [mm]     | 1100 (max 1105) | 1430 (max 1435) | 1755 (max 1760) |
| Pf [mm]     | 675 (max 680)   | 675 (max 680)   | 675 (max 680)   |

## VENTILATED REFRIGERATED DISPLAY CASE H=830 ON WELL OR TOP

Their function is holding and display of cold food and drinks.

The range is composed of 3 models with length of 1125, 1455, 1780 mm.

The elements are refrigerated by means of a cross and laminar flow cold air.

The showcase, made entirely of tempered glass, is available in 2 versions (on well or top) and it is open with curtain on client side and closed backside through a punctured stainless steel panel to allow the cold air to circulate on each shelf.

Adjustable height wells from 30 mm to 150 mm; the evaporator can be lifted up for improved cleaning of the well.

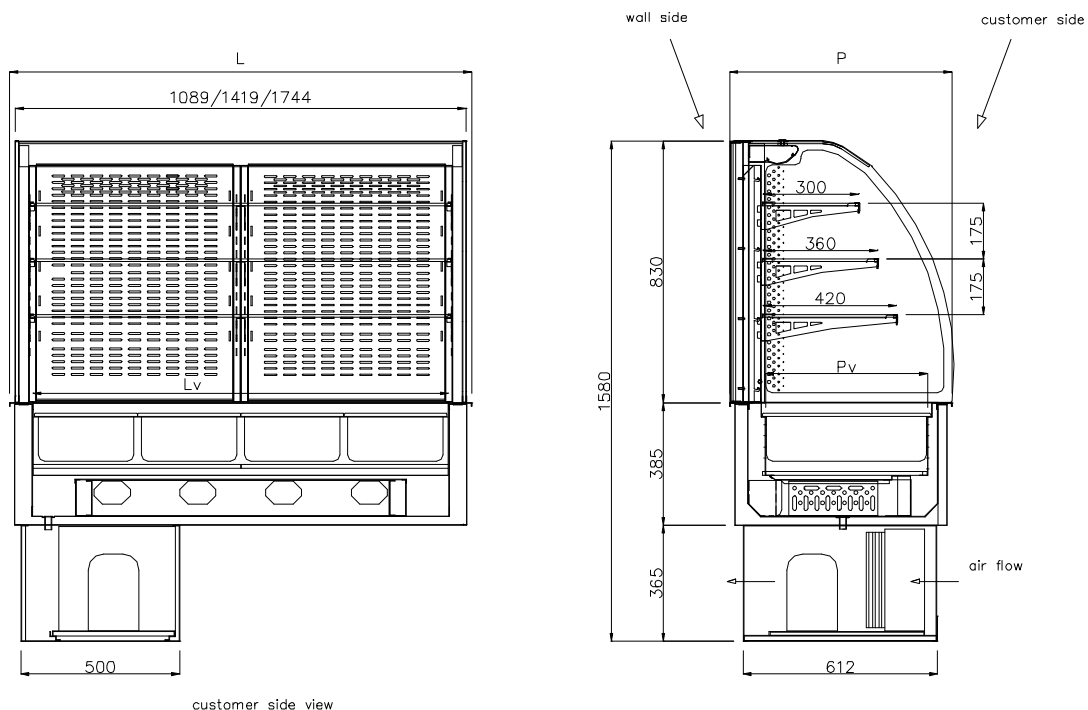
The top is made of stainless steel AISI 304.

Elements are equipped with condensing unit running on R404A or preset for remote refrigeration.

Insulated refrigerated well and condensate pipes to be connected to floor (up to the final customer).

Digital control system for temperature adjustment and for automatic defrosting by cooling unit shutdown.

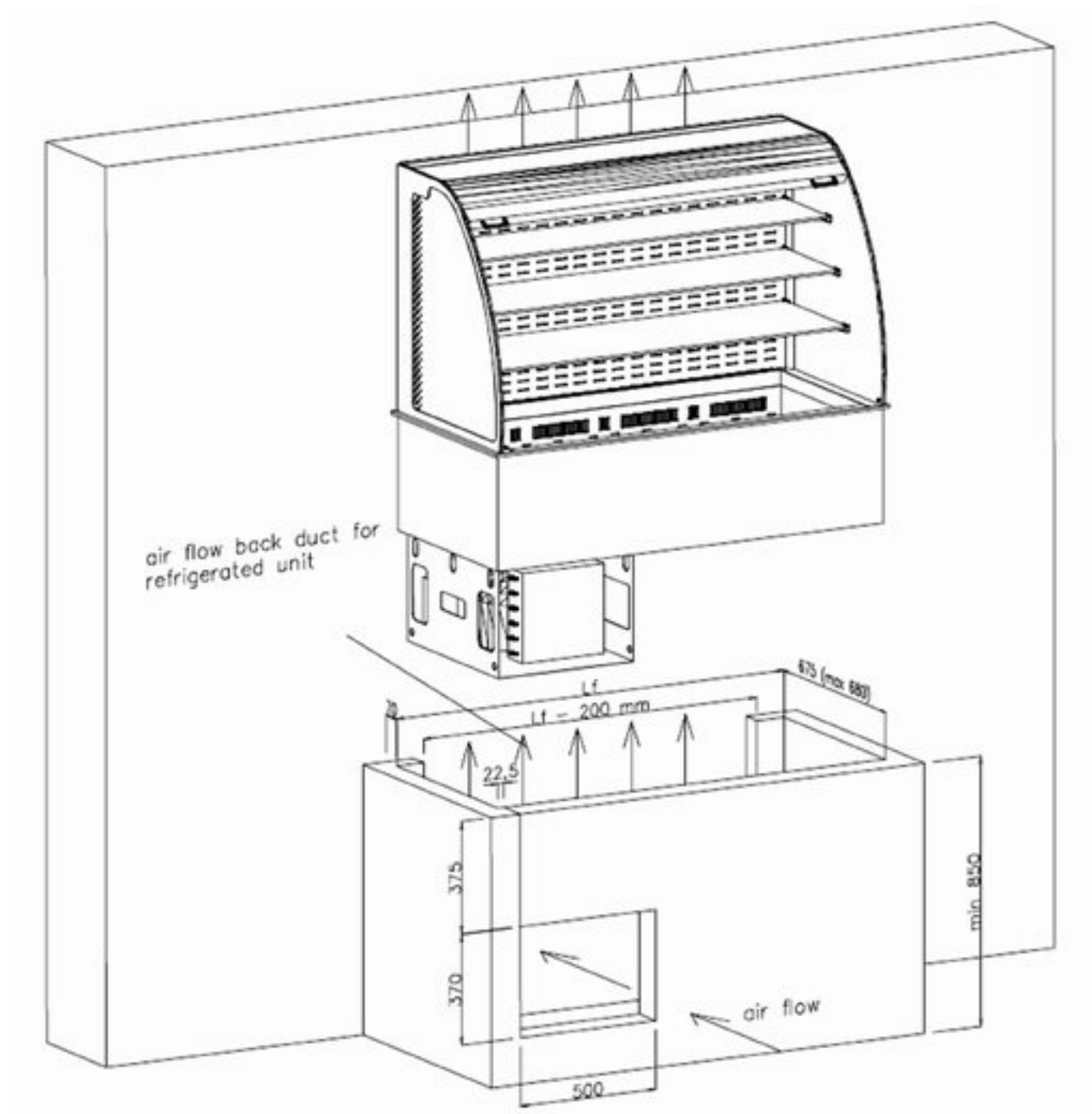
### CE mark certified equipment

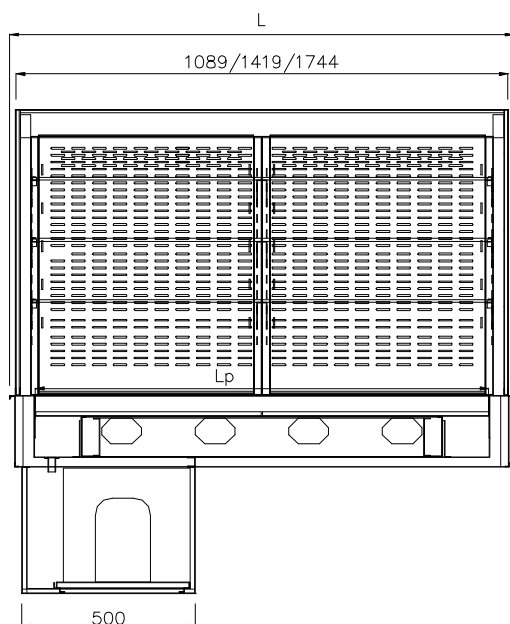


| VENTILATED REFRIGERATED DISPLAYCASE ON WELL |             |                    |                    |                    |
|---------------------------------------------|-------------|--------------------|--------------------|--------------------|
|                                             |             | CURTAIN            |                    |                    |
| Code                                        |             | 8046650            | 8046651            | 8046653            |
| Model                                       |             | I7VVP A3RVR3       | I7VVP A3RVR4       | I7VVP A3RVR5       |
| External dimensions [mm]                    |             |                    |                    |                    |
|                                             | L = length  | 1125               | 1455               | 1780               |
|                                             | P = depth   | 700                | 700                | 700                |
| Well dimensions [mm]                        |             |                    |                    |                    |
|                                             | Lv = length | 980                | 1310               | 1630               |
|                                             | Pv = depth  | 510                | 510                | 510                |
|                                             | Hv = height | 30/150             | 30/150             | 30/150             |
| Capacity GN 1/1 containers                  |             | 3 GN1/1            | 4 GN1/1            | 5 GN1/1            |
| Temperature [°C]                            |             | -1/+7 °C **        | -1/+7 °C **        | -1/+7 °C **        |
| Refrigerant gas type                        |             | R404A              | R404A              | R404A              |
| Cooling power at -10°C [W]                  |             | 979                | 1477               | 1625               |
| Total Power [Kw]                            |             | 0,9                | 1,1                | 1,2                |
| Supply voltage                              |             | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz |

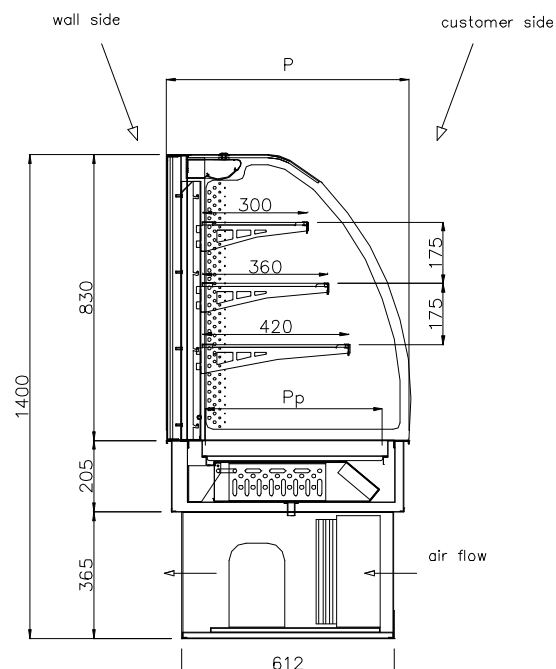
\*\* classified 2M2 in compliance with UNI EN ISO 23953-1:2006, UNI EN ISO 23953-2:2006

Arrangement of hole in the cabinet for the ventilation of the condenser unit ( DISPLAYCASE ON WELL ):



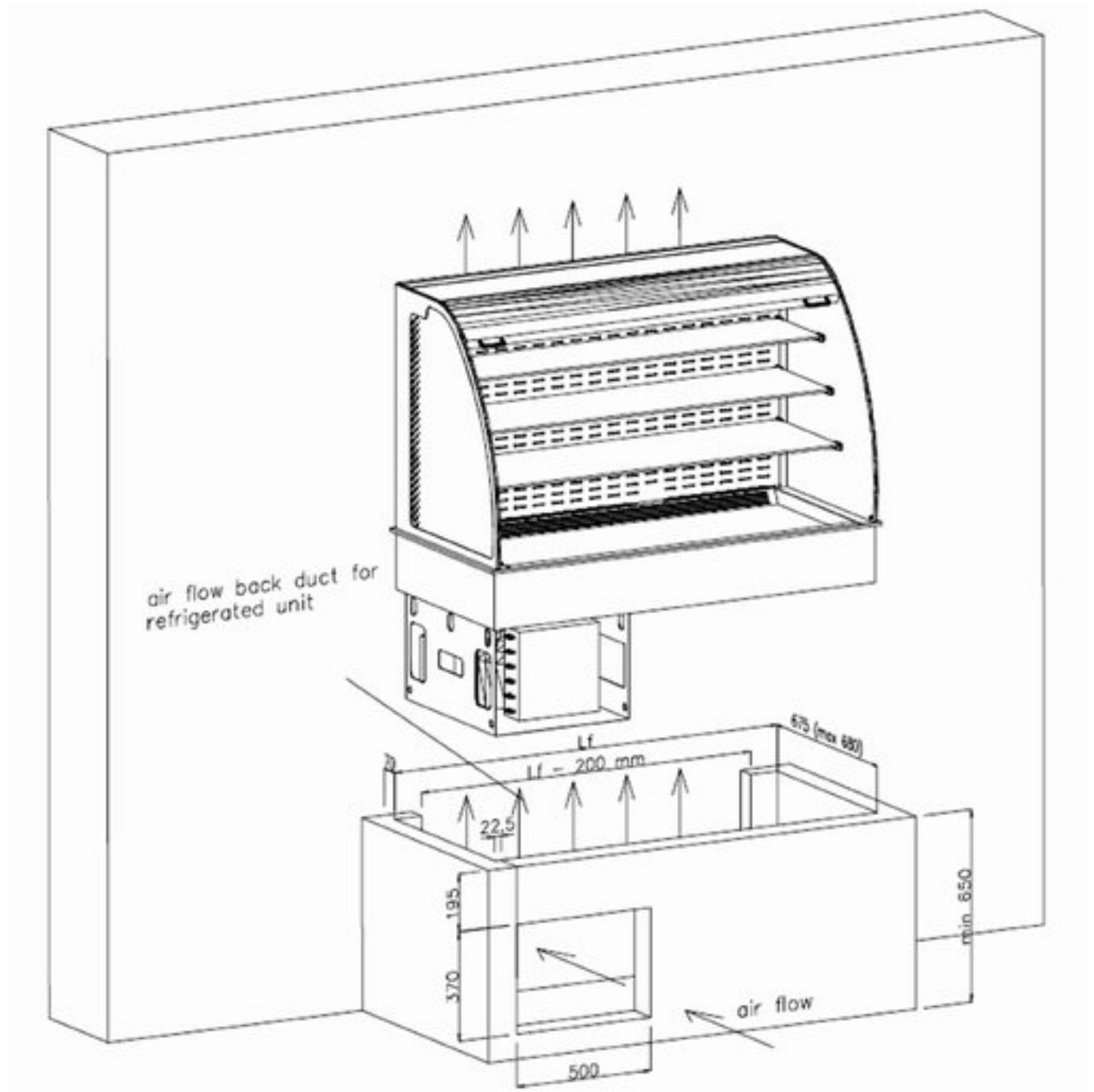


customer side view



| VENTILATED REFRIGERATED DISPLAYCASE ON TOP |             |                    |                    |                    |
|--------------------------------------------|-------------|--------------------|--------------------|--------------------|
|                                            |             | CURTAIN            |                    |                    |
| Code                                       |             | 8046656            | 8046657            | 8046658            |
| Model                                      |             | I7VVP A3RPR3       | I7VVP A3RPR4       | I7VVP A3RPR5       |
| External dimensions [mm]                   |             |                    |                    |                    |
|                                            | L = length  | 1125               | 1455               | 1780               |
|                                            | P = depth   | 700                | 700                | 700                |
| Top dimensions [mm]                        |             |                    |                    |                    |
|                                            | Lp = length | 980                | 1310               | 1630               |
|                                            | Pp = depth  | 510                | 510                | 510                |
|                                            | Hp = height | 30                 | 30                 | 30                 |
| Capacity GN 1/1 containers                 |             | 3 GN1/1            | 4 GN1/1            | 5 GN1/1            |
| Temperature [°C]                           |             | -1/+7 °C **        | -1/+7 °C **        | -1/+7 °C **        |
| Refrigerant gas type                       |             | R404A              | R404A              | R404A              |
| Cooling power at -10°C [W]                 |             | 979                | 1477               | 1625               |
| Total Power [Kw]                           |             | 0,9                | 1,1                | 1,2                |
| Supply voltage                             |             | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz |

**Arrangement of hole in the cabinet for the ventilation of the condenser unit ( DISPLAYCASE ON TOP ):**



## **VENTILATED REFRIGERATED SQUARE DISPLAYCASE H=830 ON WELL OR TOP**

Their function is holding and display of cold food and drinks.

The range is composed of 3 models with length of 1125, 1455, 1780 mm.

The elements are refrigerated by means of a cross and laminar flow cold air inside the showcase.

The showcase, made entirely of tempered glass, is available in 2 versions (on well or top) and it is open with curtain on client side and closed backside through a punctured stainless steel panel to allow the cold air to circulate on each shelf.

Adjustable height wells from 30 mm to 150 mm; the evaporator can be lifted up for improved cleaning of the well.

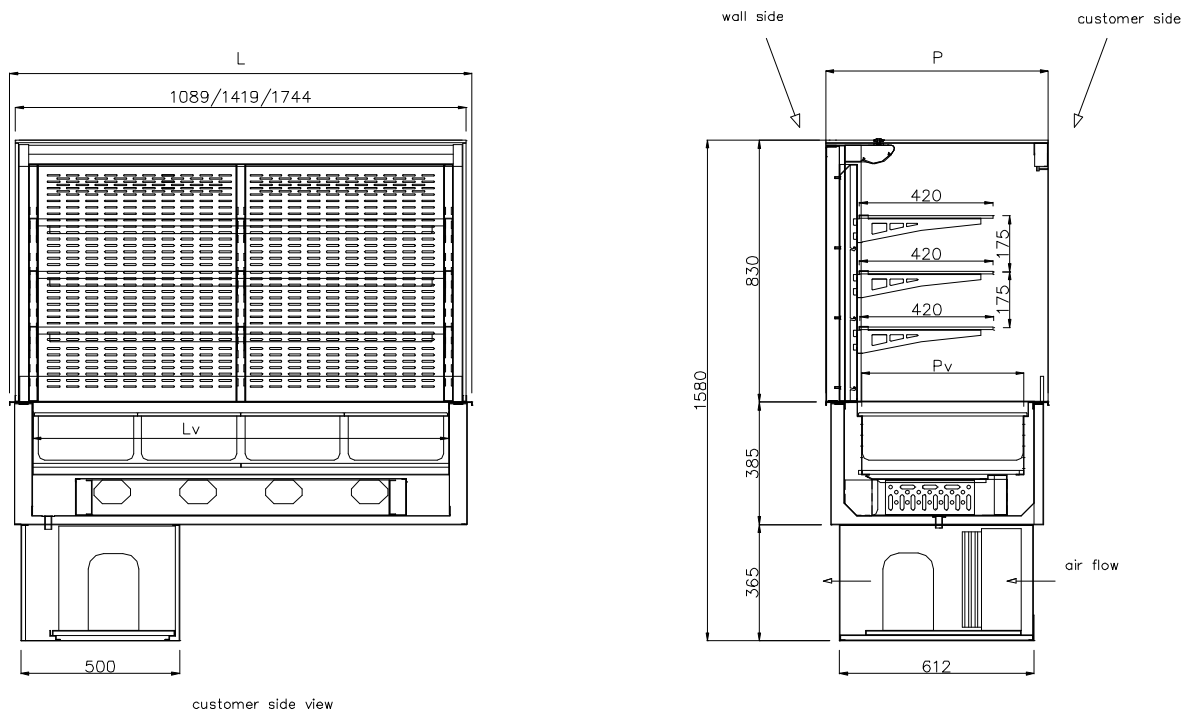
The top is made of stainless steel AISI 304.

Elements are equipped with condensing unit running on R404A or preset for remote refrigeration.

Insulated refrigerated well and condensate pipes to be connected to floor (up to the final customer).

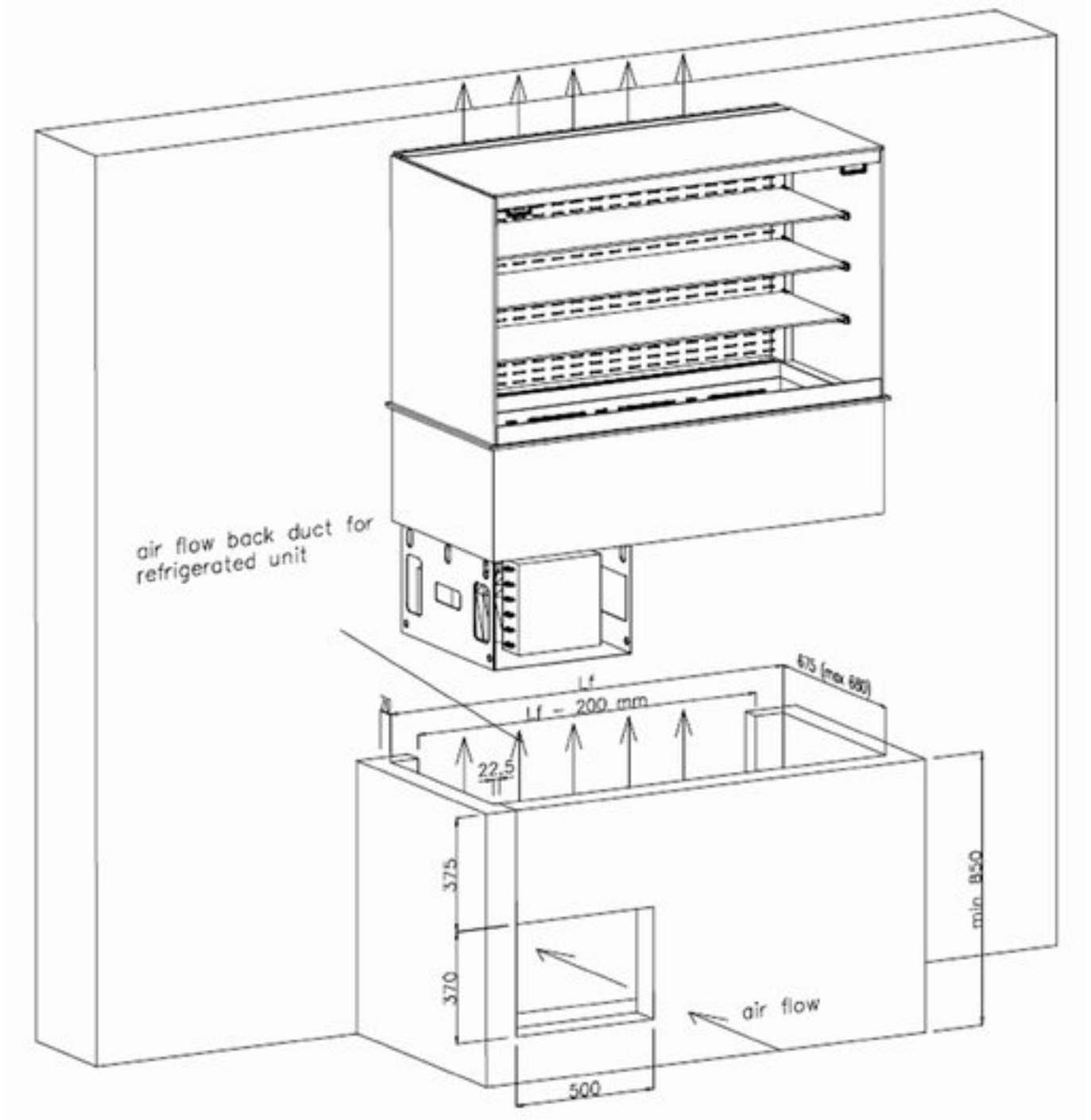
Digital control system for temperature adjustment and for automatic defrosting by cooling unit shutdown.

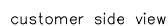
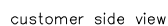
### **CE mark certified equipment**



| VENTILATED REFRIGERATED SQUARE DISPLAYCASE ON WELL |             |                    |                    |                    |
|----------------------------------------------------|-------------|--------------------|--------------------|--------------------|
|                                                    |             | CURTAIN            |                    |                    |
| Code                                               |             | 8046661            | 8046662            | 8046663            |
| Model                                              |             | I7VVQPA3RVR3       | I7VVQPA3RVR4       | I7VVQPA3RVR5       |
| External dimensions [mm]                           |             |                    |                    |                    |
|                                                    | L = length  | 1125               | 1455               | 1780               |
|                                                    | P = depth   | 700                | 700                | 700                |
| Well dimensions [mm]                               |             |                    |                    |                    |
|                                                    | Lv = length | 980                | 1310               | 1630               |
|                                                    | Pv = depth  | 510                | 510                | 510                |
|                                                    | Hv = height | 30/150             | 30/150             | 30/150             |
| Capacity GN 1/1 containers                         |             | 3 GN1/1            | 4 GN1/1            | 5 GN1/1            |
| Temperature [°C]                                   |             | -1/+7 °C **        | -1/+7 °C **        | -1/+7 °C **        |
| Refrigerant gas type                               |             | R404A              | R404A              | R404A              |
| Cooling power at -10°C [W]                         |             | 979                | 1477               | 1625               |
| Total Power [Kw]                                   |             | 0,9                | 1,1                | 1,2                |
| Supply voltage                                     |             | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz |

**Arrangement of hole in the cabinet for the ventilation of the condenser unit ( DISPLAYCASE ON WELL ):**





customer side view

|                  |  |                    |                    |                    |
|------------------|--|--------------------|--------------------|--------------------|
| Total Power [Kw] |  | 0,9                | 1,1                | 1,2                |
| Supply voltage   |  | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz | 230V 1F+N<br>50 Hz |

\*\* classified 2M2 in compliance with UNI EN ISO 23953-1:2006, UNI EN ISO 23953-2:2006

**Arrangement of hole in the cabinet for the ventilation of the condenser unit ( DISPLAYCASE ON TOP ):**

