Halton Vita VSP – Supervisory panel

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Overview

The Halton Vita VSP -supervisory panel displays the cleanroom conditions in two views: overall view and room view. The supervisory panel is typically located at the main entrance of the cleanroom or in the personnel anteroom where users can easily see the conditions of the cleanroom to ensure safety when entering the cleanroom. The service personnel can use the supervisory panel also for adjusting the cleanroom system.
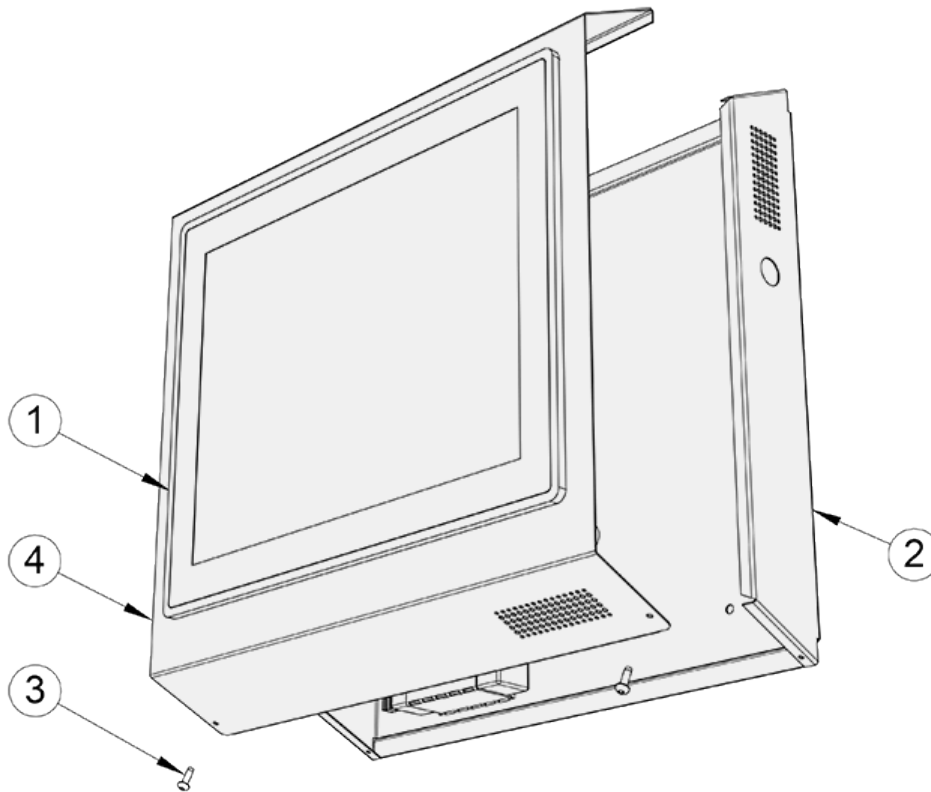
The room controllers (VLR) are connected to the local supervisory panel via an Ethernet communication bus by using Modbus TCP/IP or BACnet/IP. The measurement values of the room, fume cupboards, and biosafety cabinets as well as the active alarms are displayed on the supervisory panel.

The essential setpoints and operation values of the room, fume cupboards and biosafety cabinets can be adjusted from the supervisory panel.
Fume cupboards and biosafety cabinets are connected to the room controller (VLR) using an RS-485 field bus.

The status information and all measurement values are connected to trend monitoring and they are arranged in groups by the space. The space layout drawing and the status information and measurement values of the related spaces are connected to the graphics on the supervisory panel. The layout is always customized to each project.

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Structure and materials

No.	Part	Material
1	User panel	Class surface, touch screen
2	Control unit case, casing	Galvanised steel, polyester painted white (RAL 9003)
3	Screw	2 pcs, 4,2X13 (TX20)
4	Control unit case, top cover	Galvanised steel, polyester painted white (RAL 9003)

Dimensions and weight

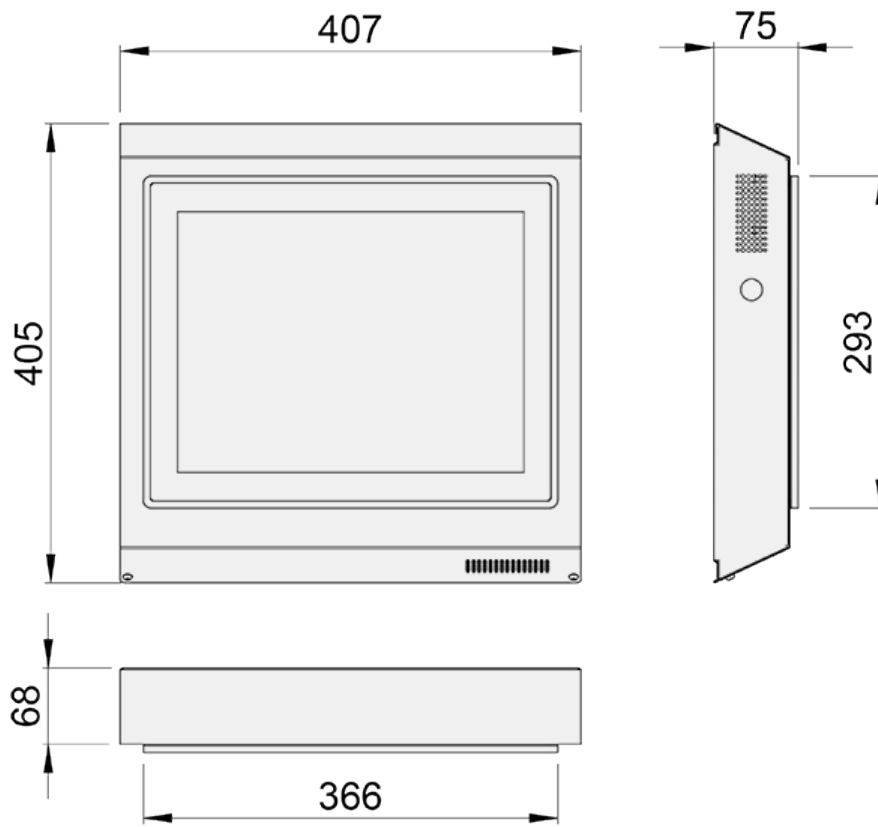Halton Vita VSP -supervisory panel dimensions. The dimensions are given in millimeters.
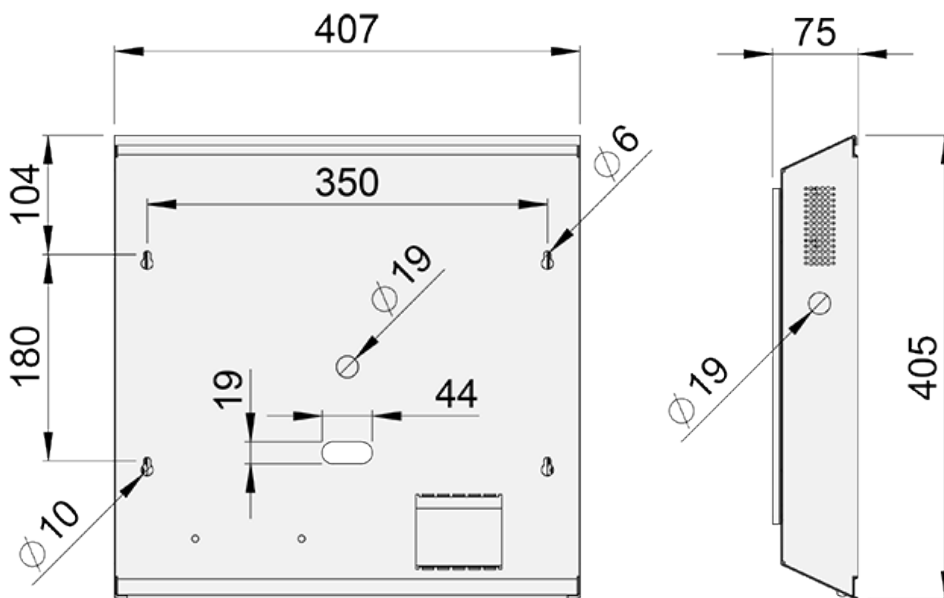
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Fig.1. Supervisory panel dimensions (front view)

Fig.2. Supervisory panel dimensions (back view)

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Weight:

- Control unit case: 1.2 kg
- User panel: 2.8 kg

Installation

Mount the frame to the wall with screws. Connect the communication cable (RJ45) and power supply to the connectors on the back of the control panel. Attach the display panel to the front panel and the front panel to the frame.

Note! There must be an electrical socket behind the frame for the transformer. In addition, the communication cable must be brought inside the frame.

Order code

VSP, ZT=N

M = Model
15   Display 15"

N = Number of rooms
S   Standard

Other options and accessories

ZT = Tailored product
N   No
Y   Yes (ETO)

Code example

VSP/15-S

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