

cat. no. 110.04

Circulating unit

## CIRCULATING UNIT (CU) TO BE INSTALLED BELOW SUSPENDED CEILING OR ONTO MOVABLE BOX



Circulating units are used to supply filtered air to a workplace and to protect the product from ambient contamination.

The design of the circulating unit, together with suitable regulation, provides uniform airflow at the outlet under the unit, with the required speed in the range of  $0.3 \div 0.45 \text{ m.s}^{-1}$  (when air density  $\rho = 1.2 \text{ kg.m}^3$ ).

The protective effect is enhanced by attaching flexible or fixed screens along the perimeter of the unit.

When installing the circulating unit in areas without a defined class of cleanliness or in an environment with increased dust generation, a pre-filter is mounted at the suction inlet of the unit.

### MORE INFORMATION, PHOTOS



### TECHNICAL DATA

Type
<b>circulating unit (CU) to be installed below suspended ceiling or onto movable box</b>
A, B etc. - number of product change Change C - as of 03/2016 (fluid seal filters, touchscreen)

CU size HEPA filter filtration class
CU dimensions 1250×625 mm
<b>CU dimensions 1250×1250 mm</b>
Atypical

Suction design
upper suction
Bottom suction from the room (with side structure)
Suction via HVAC upper structure with side rectangular neck
Suction via HVAC upper structure with upper round neck
Suction via HVAC upper structure with upper square neck
H13 class filtration
<b>H14 class filtration</b>
U15 class filtration

Outlet design
<b>laminarizator</b>
perforated metal sheet

Lighting
without lighting
<b>with LED lighting tubes</b>
Lighting - only for the laminarizator version

Material and surface finish
<b>stainless steel AISI 304 SB</b>
steel sheet class 11, hue RAL 9016

Atypical execution
<b>Typical execution</b>
Atypical execution
Typical execution 0 - clear choice from the options Atypical execution Q - Atypical design, which can not be clearly identified by means of code

Control and regulation designs
touchscreen, automatic continuous regulation with feedback (allows control from COP)
control panel with switches, manual continuous regulation without feedback
one switch, manual continuous regulation without feedback - for movable laminar boxes only