Data sheet

Compact 400V5 Air curtain

Manufacturer: Masterveil AB
Swedish name: Compact 400V5
European name: Compact 400V5
Model: Compact 400V5

This high pressure air curtain of the compact type with a outblow that is custom made (between 2000 and 3000mm).
The system can be set with precision outlet angle thanks to the specially adapted mounting brackets.
You can choose between standard RAL or in additional cost with colour provided by architect or in stainless steel.
The unit is equiped with a hot water or electric battery suitable for low regimes.
We can even deliver the compact 400 with heating pump.
The excellent design has two components : the compact design and the incredible form. The suction of the air occurs on the back. It can be used for vertical or double vertical setup.On demand the system can be provided with a special collar so that the technical ceiling seamlessly connects. Although all components are integrated, the unit was specifically developed to have a compact device with the same great performance as external built systems.
This series has a capacity up to 4620 m^3/h, with a precisely adjustable operating point so that there can be reached a vacuum point as proof of proper functioning at the set conditions.
This model of air curtain is so composed that even with an ambiant air curtain a optimal protection is obtained, without application of heating. Any residual losses will be compensated by the built-in low-regime water battery.
Building technical adaptability:

The system is ready for in additional cost (draft problems)
to perform as an AIRLOCK setup

The system is designed to deliver in following versions:
a. vertical setup
b. double vertical setup
c.horizontal (in design execution , cfr Design 4xx)
The customer can choose between electric heated unit (E)or CV technical heated unit (V)
The system is ready for connecting a heating line along floor or ceiling
Energy saving options
The system is designed to be depending on a release sign and to choose for,based on a registered indoor temperatures, an energy-saving automation.
The system is ready to be seth on/off depending on door position. The system

is ready to go in high/low circuit in function of gate position (or night temperatures)
At the customer's request, we can send simulations of heating capacity based on different water regimes (in-temperature/out-temperatur). Please contact your Certified Partner Masterveil.

Technical dataCompact 400V5:

Dimensions DxH: Ø400mm
Drumlength: Custom made
Diameter ducting: -mm
Voltage:230V
Current:5,75A
Power: 1,15kW
Volume (WP): 3000m³/h
Volume (MAX volume /minimum Pa): 4610/80pa m³/h
Pressure (max.): 464Pa
Sound: 67db(A)
Environment temperature: 40 /-25°C
Heating: H2O/HeatPump
Weight: 90kg
Number of fans: 5
Type of fan: Double inlet radial
Condensator: veld µF
Filter: veld
IP: 44
Motor protection: Ext
Design: Circle 400
Color: 9010RAL
Othercolors: Opt
Stainless steel: Opt
Built-in possible: Opt

steering: see separate file

drawing: see separate cad-file