

High-end protection of customer zones

Whether shopping mall, DIY centre, hotel lobby or airport lounge, the feel-good factor of your clients is the highest priority.

arwus air separation units protect against cold air ingress, heat loss and drafts, thereby assuring a noticeably comfortable tempering of customer zones.

Unit performance is determined project-specifically with air-stream design velocity selected on basis of draft strength to be counteracted in passageway. Depending on application, two precisely orientated vertical arwus diffusers, standing left / right of entrance, ensure optimally directed air distribution. The resultant planar airstreams get deflected to form a dam in the middle of passage, impeding cold air ingress. Comfort in customer zone is assured by heating integrated within fan module.

arwus air separation stands for technical know-how and sophisticated design. Whether plastic, glass, stainless steel or marble – arwus air separation units lend themselves, in every building sphere, to bespoke integration, rapidly being expressed as design features.



Mall passageway



DIY centre entrance



Shopping centre entrance

Your benefits

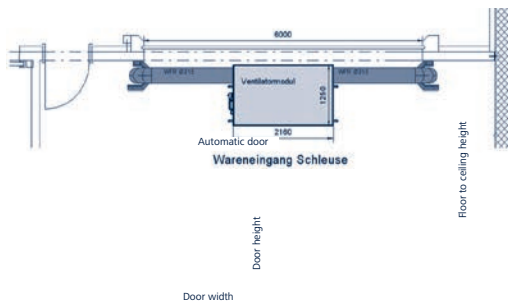
- Efficient and convenient separation of air-conditioned client areas
- Prevention of drafts / chilling of shop and customer zones
- High energy-savings
- Integration within existing design

Applications

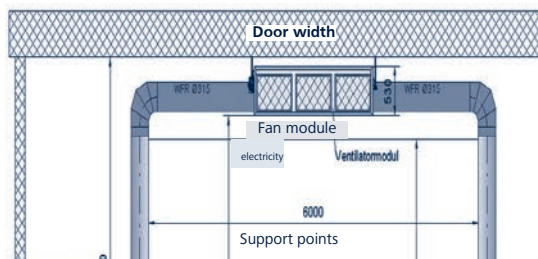
- Shopping malls
- Supermarkets or DIY Centres
- Stations
- Airports
- Hospitals
- and much more

Example

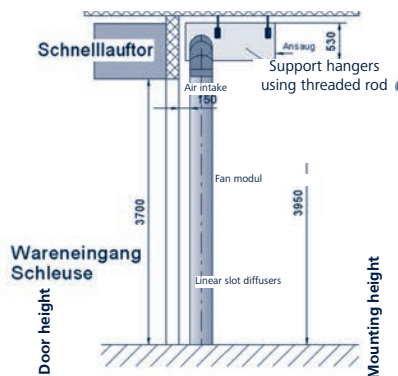
arwus air separation type 2VEC/WW, installation drawing



Elevation



Plan view



Section

Standard values

- Door size: W = 2400 / H = 2500mm
- Draft constant (DC) = 2.0

arwus-diffusers

- Left / right of door opening, standing (Ø 250 mm)
- Colour: selectable, Material: plastic, H = max. 5000mm

Fan module

- (W x H x D): 3000 x 515 x 1250mm
- Weight: approx. 250kg
- Casing: aluminium
- Edge profiles: anodized aluminium
- Colour: white or to customer specification

Controls

- Fan speed preset by stepless variable speed controller
- Remote ON / OFF
- Fault signal
- 2-stage operation: door CLOSED heating mode / door OPEN air separation mode
- operating unit: clock thermostat

References

