



*AIR  
CONDITIONING*



## *AIR CONDITIONING*

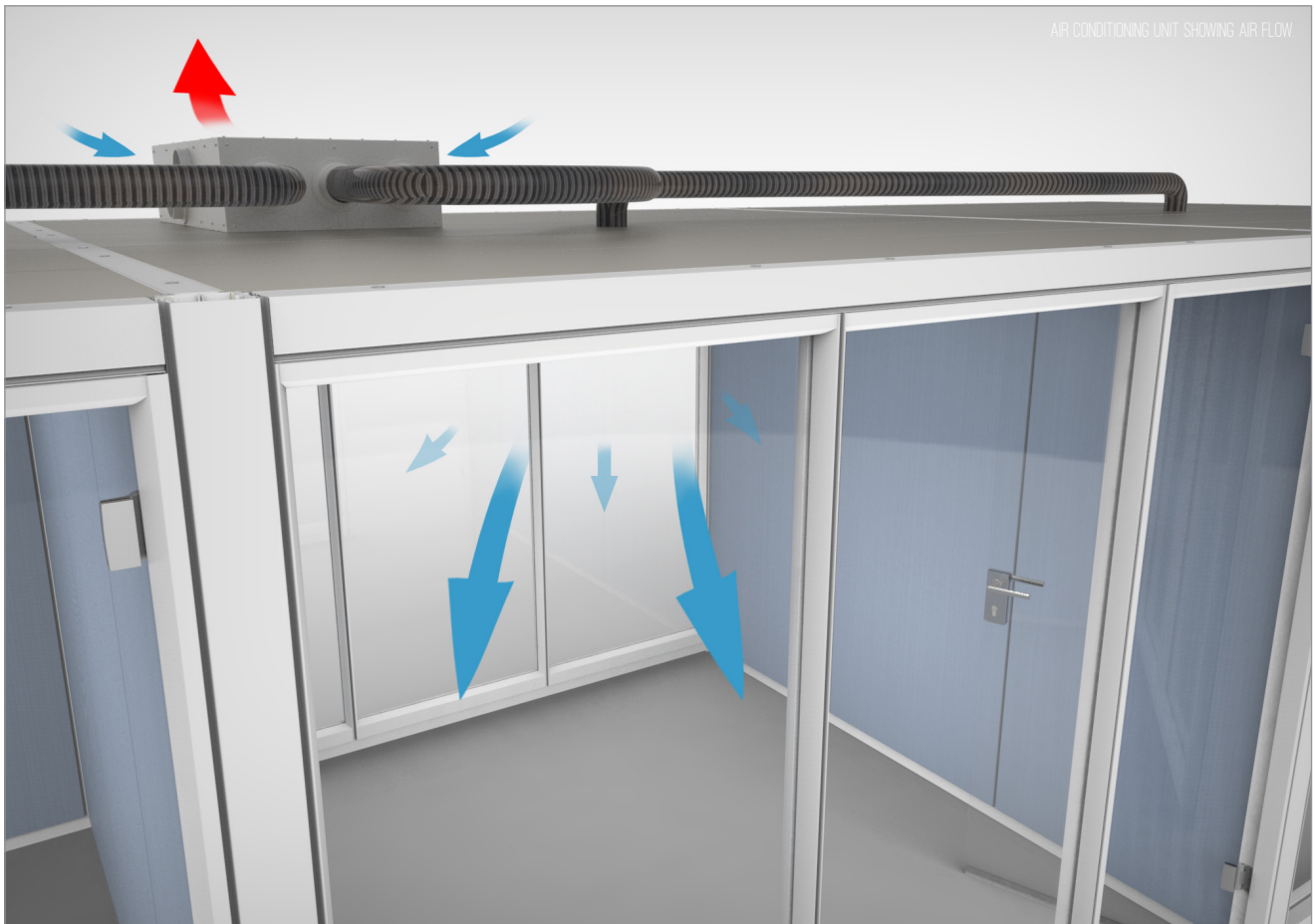


The Qb triple pod with a air conditioning unit fitted.

### *Cool with the times.*

A newly-developed Air Conditioning Unit can be fitted to a pod without the need for an external outdoor unit, giving the freedom to use an air conditioning unit within a building that already has its own fixed conditioning system. With the use of flexible ducting, every corner of the pod can be access giving a cool breeze throughout. Accompanying the AC unit is a user controlled touch pad. allowing access to; Temperature, three speed fan, Humidity and Fresh air intake.





### *Key Features.*

- Compact and simple design
- Dimensions; 1200 x 600 x 240mm
- Very low noise operation
- Three Ventilation speeds for a better comfort
- Two return air intakes, has the ability to mix return air with fresh air
- Can air condition upto four Pods
- Full aluminium structure
- Reduced Weight
- Self extinguishing insulation materials
- Reduced maintenance , easy to replace.
- Ecological refrigerant
- Manufactured & designed to reduce carbon emissions



## AIR CONDITIONING

### *Issues with other on the market units.*

During the cooling process, every air conditioner produces condensation. This is a consequence of the difference in air and may vary accordingly to cooling capacity, airflow and the humidity. The ACU is different to other air conditioners on the market, instead of wasting the condensation by the use of a drip tray, which is commonly used. The ACU is equipped with a Heat Recovery Device (HRD), which will recycle part of the collected water into thermal energy to improve AC performance and reduce electrical consumption.

However, the HRD may not work to its full potential if the rooms ambient temperature surpasses the HRD operating temperature. Causes of this can be a large number of people raising the internal temperature. To combat this problem, the ACU can be supplied with an ancillary kit, able to convert the water excess into vapour again and to spread such vapour away together with the exhausted air.

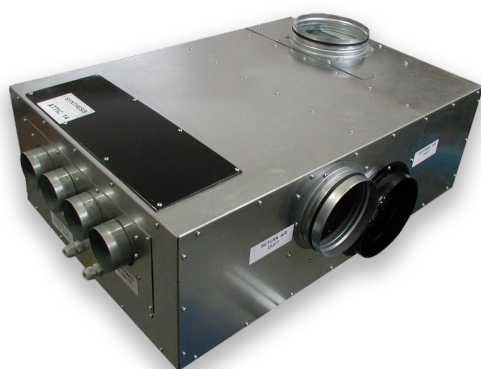
With this specific ancillary kit The ACU becomes condensation free without the need of extra pipes or water tanks. The ancillary "condensation free" kit is designed to work only when there is condensate water present to avoid the waste of electricity to avoid waste of electricity.



*Air Conditioning used in a triple pod*



*Air Conditioning used in a single pod*



### *Technical Specification*

<i>Volts</i>	<i>220-240V / 50 HZ</i>
<i>BTU Cooling</i>	<i>11.000</i>
<i>Amps Cooling</i>	<i>5.0 (220 V)</i>
<i>EER (Cooling)</i>	<i>10.0 BTU/W</i>
<i>Ventilation CFM-HIGH</i>	<i>480</i>
<i>Ventilation CFM-MED</i>	<i>300</i>
<i>Ventilation CFM-LOW</i>	<i>160</i>

*Electrical consumption ancillary 'Condensation Free' Kit: 280w*