



## System

Structural framework; Aluminium alloy, 6063-T6

### Aluminium Finish options:

- / Clear anodised (AA15 micron standard)
- / Epoxy powder coated - colour to suit.

Rigid PVC post to post connectors. Colour option: Black PVC. Can customise as required.

Sprung steel panel clips.

Leveller Components: Zinc Plated 12 gauge CRS sheet metal components, 40mm adjustment.

### Panel Construction:

Solid Wall Panels are 100mm thick with Clip on/off decorative panels giving an internal void of 72mm which is filled with sound absorbing acoustic foam. Electrics can be channelled from the floor or ceiling via the connecting posts or behind the removable panels, giving continuous cable management/ access. It is possible to route ducting, plumbing, pipework, electrical and data cables and house flat screen/monitors within the body of the wall panels. Panels are factory built, delivered to site and simply clip together with and acoustic seal between. Graphic imagery can be positioned on the wall panels.

Rigid connection - corner posts.

Aluminium connections

- 2-way 90 degree
- 3-way 90 degree
- 4-way 90 degree
- 2-way 45 degree

90 degree Acrylic soft corners

### Door Options

Pivot door

- / 44mm timber Veneered
- / 8mm thick toughened safety glass

Sliding door

- / 8mm thick toughened safety glass c/w soft open/closure mechanism

### Ceiling

Ecophon Focus DS concealed suspended ceiling tested according to EN ISO354

## Electrical

### Plug and play Electrical Wiring loop

Lighting and airflow systems run on a 220-230V mains supply and are protected by a residual-current circuit breaker (RCCB). They are activated by a passive Infra-Red (PIR) motion sensor. Power and data modules are fitted in the wall panels in positions to suit the customer's requirements

### Lights

qb office uses energy efficient LED light fittings. All lighting schemes are designed to specific customer requirements.

Standard Light fittings:

- / Halers 60 degree beam angle 7.9W down light  
- 75,000 hours LED lamp life
- / Deluce Dimmable 120 degree beam angle 40W 600mm x 600mm flat panel - 50,000 hours LED lamp life
- / Deluce Dimmable 120 degree beam angle 82W 1200mm x 600mm flat panel - 50,000 hours LED lamp life.

All are dimmable and available in: Daylight (6000-6300K), Cool White (4000-4200K) and Warm White (3000-3500K)

Our Design engineers can advise on a suitable lighting solution that complies with CIBSE recommendations. Other light fittings can be considered when calculating the optimum lighting schemes, including pendant lights, wall lights and client-specified lights.

### Air Ventilation

Two flush fitting quiet air movement fans are offered as standard:

- a) 110m<sup>3</sup>/hr 31 litres per second using 220-240V - AC 50Hz single phase consuming 17W,
- b) 220m<sup>3</sup>/hr 62 litres per second using 220-240V - AC 50Hz single phase consuming 17W.

Our Design engineers can advise on a suitable air ventilation solution that complies with CIBSE recommendations.

Air conditioning units can be supported by the wall panel and, if required, the supporting panel can be machined for external venting.

## Warranty

A 5 year Warranty covers all structural elements of qb and is subject to normal conditions of use and care. This warranty includes all integral fixings and fittings and is only valid if the qb unit has been installed or re-installed by a qb approved installer

qb offers 2 years warranty on all moving parts and air exchange units.

## Environmental

	Recyclability %	Recycled %
Ceiling tiles (Acoustic. Each)	100	87
Glass wall	100	30
Acrylic wall	100	0
Acoustic foam Baffle (P/Panel)	100	0
Fabric Wall (P/Panel)	100	100
Aluminium	100	90