

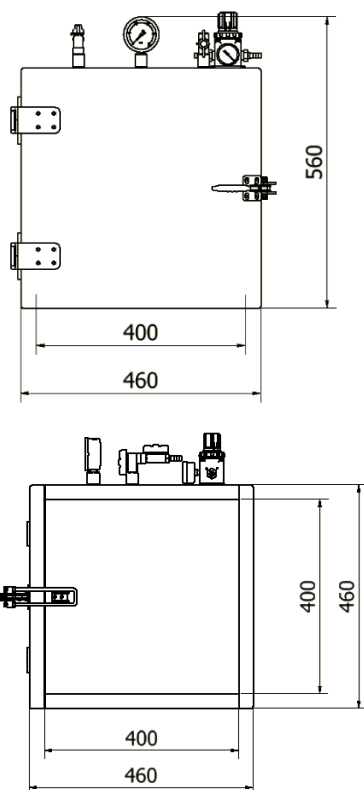
## ACB64-FL,

### Technical Data Sheet

#### System Overview

The ACB64-FL is our 64 litre, clear cast acrylic, front loading, vacuum chamber. All chambers within our FL range are designed for optimal accessibility and visibility, enabling an extensive range of research capabilities.

Our ACB chambers are compliant with ASTM D3078-02 and ISO 20484 testing standards. To ensure quality, all clear cast acrylic chambers are tested to their vacuum limit of  $5 \times 10^{-2}$  mbar.



#### Our Full Front-Loading Range

MODEL	INSIDE DIMENSIONS W x D x H (MM)
ACB21 - FL	500 x 250 x 170
ACB27 - FL	300 x 300 x 300
ACB36 - FL	300 x 300 x 400
ACB64 - FL	400 x 400 x 400
ACB96 - FL	600 x 400 x 400
ACB130 - FL	650 x 400 x 500



#### Specifications

- Internal Dimensions: 400mm (W) x 400mm (D) x 400mm (H)
- Capacity - 64 Litres
- Weight - Approximately 48kg
- Material – Clear cast acrylic
- Sealing Face – 8mm silicone O-ring cord

#### Features

- Clear cast acrylic front loading vacuum chamber.
- 63mm glycerine filled vacuum indication gauge.
- ¼" BSPP air admittance ball valve.
- ¼" BSPP vacuum isolation valve.
- Lid mounted adjustable vacuum regulator, 240 ltr/min maximum flow.
- Over-centre latches and silicon O-ring to ensure a vacuum tight door seal.

#### ACB64-FL K25 Vacuum Kit

The ACB64-FL K25 vacuum kit offers a complete solution for your vacuum environment. Include within this kit is the ACB64-FL, a DVP LC.25 vacuum pump and all the necessary fittings for a plug and play set up.

#### Custom design Service

All chambers may be customised to meet specific requirements through our custom design service. Bespoke options may include personalised dimensions, additional inlet ports and electrical vacuum feedthroughs.