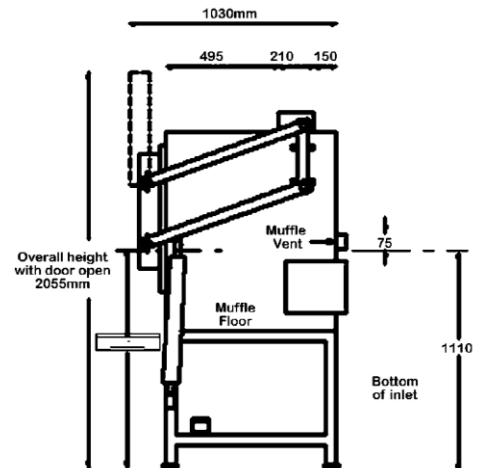
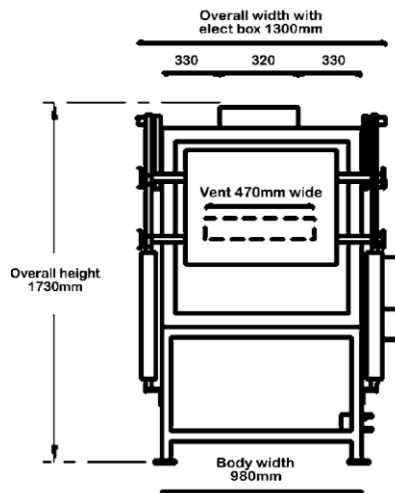


Data Sheet

Cupellation Furnace Model MF-D



Key Benefits

- Uses a No. 5 Muffle.
- Takes 100 x 6a, 7a, 7as or 72 x 8s Cupels at one time.
- Easy to maintain and operate.
- Built to Industry Standards

Technical Specifications

Construction

- Cabinet is 5 mm steel sheet, mounted on a stand fabricated from 64 x 64 x 2.6mm R.H.S. and finished in Hammerfin blue enamel.

Refractory Lining

- Hot face of 70% alumina fire-brick backed with insulating fire-brick.

Flame Supervision

- LPG - Landis & Gyr LME 44 flame controller and U.V. cell
- Nat. Gas & Distillate - Landis & Gyr LFL1.635.

Temperature Control

- Electronic, Automatic control 1200°C, type "K" Thermocouple.

Internal Dimensions

- 300mm high x 480mm wide x 560mm deep.

Burner Equipment and Ratings

- LPG - 1 x 40mm long pattern inspirator with flame retention nozzle. 270 mj/hr @ 140 kpa.
- Natural Gas - Furnace Industries NG2 Burner package. 270mj/hr @ 3 kpa.
- Distillate - Furnace Industries Oil Burner Package. 270mj/hr.

Electrical Requirements

- The furnace is fitted with a 10 AMP single phase cord and plug top. Electrical load: 5 Amps.

Door Operation

- Pneumatic rising. Operated by foot control.

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