



Alsto

Alsto Cupellation Furnaces



Gas (LPG & NG) and Diesel (50 place and 100 place)

Construction	Cabinet of 2 & 5 mm zinc anneal steel lined with insulating firebrick. Backed with Superwool insulation board.
Muffle Dimensions	50 Place—200mm high x 260mm wide x 460mm deep 100 Place—300mm high x 480 mm wide x 560mm deep
Flame Supervision	LPG : Landis & Gyr LME 44 Flame Controller & U.V. Cell NG & Diesel : Landis & Gyr LFL1.635
Door Operation	50 Place— Counter-balanced, rising 100 Place: Pneumatic rising. Operated by foot control
Temperature Control	Electronic, Automatic control 1200°C, Type "K" Thermocouple
Electrical Requirements	The furnace is fitted with a 10 Amp single phase cord and plug top. Electrical load: 2 Amps for 50 place & 5 Amps for 100 Place
Approximate overall dimensions with door open	50 Place—1740mm high x 680mm wide x 1050mm deep 100 Place—2055mm high x 1300 mm wide x 1030mm deep

HS Code
Furnaces (Gas) 841710 & Associated Spares;
Furnaces (Electric) 841410 & Associated Spares 841490

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Electrical (50 place; 100 place & 168 Place)

Construction	Cabinet of 2mm zinc anneal steel lined with insulating firebrick. Backed with Superwool insulation board.
Muffle Dimensions	50 Place (Muffle #4) —200mm high x 260mm wide x 460mm deep 100 Place (Muffle #5) —300mm high x 480 mm wide x 560mm deep 168 Place (Muffle #8) —370mm high x 680 mm wide x 670mm deep
Heating Elements	12 x Silicon Carbide elements rated at 10.5kW/15kW/24kW, 3 Phase. Power supply is per a multi-tapped double wound transformer
Door Operation	50 Place— Counter-balanced, rising 100 Place: Pneumatic rising. Operated by foot control
Temperature Control	Electronic, Automatic control 1200°C, Type "K" Thermocouple. High temperature alarm, over temperature controller
Electrical Requirements	50 Place :10.5kW, 3 Phase 100 Place: 15kW, 3 Phase 168 Place:24kW, 3 Phase Voltage is customized to destination country)
Approximate overall dimensions with door open	50 Place—1785mm high x 695mm wide x 830mm deep 100 Place—1895mm high x 1120 mm wide x 975mm deep 168 Place—1790mm high x 1310 mm wide x 1075mm deep

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