



Alsto

Alsto Fusion Furnaces



Gas (LPG & NG) and Diesel (25 place and 50 place)	
Construction	Cabinet of 5 mm zinc anneal steel lined with insulating firebrick. Backed with insulating fire brick.
Muffle Dimensions	25 Place—400mm high x 600mm wide x 680mm deep 50 Place—400mm high x 1200 mm wide x 680mm deep
Flame Supervision	LPG : Landis & Gyr LME 44 Flame Controller & U.V. Cell NG & Diesel : Landis & Gyr LFL1.635 & Flame Controllers
Door Operation	25 Place— Counter-balanced, rising 50 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: 5 Amps
Approximate overall dimensions with door open	25 Place—1960mm high x 1320mm wide x 1450mm deep 50 Place—1960mm high x 1790 mm wide x 1450mm deep

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

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Phone: +61 (08) 9526 2523 | Email: sales@alsto.com.au
 Fax: +61 (08) 9526 2522 | ABN: 41 047 362 761



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Electrical (20/28 place; 25/36 place & 25/42 Place depending on crucible size)

Construction	Cabinet of 2mm zinc anneal steel lined with insulating firebrick. Backed with Superwool insulation board.
Muffle Dimensions	20/28 Place (Muffle #6) —300mm high x 460mm wide x 580mm deep 25/36 Place (Muffle #7) —300mm high x 600 mm wide x 580mm deep 25/42 Place (Muffle #9) —370mm high x 680 mm wide x 670mm deep
Heating Elements	12 x Silicon Carbide elements rated at 15kW/24kW/24kW, 3 Phase. Power supply is per a multi-tapped double wound transformer
Door Operation	Pneumatic rising. Operated by foot control
Temperature Control	Electronic, Automatic control 1200°C, Type "K" Thermocouple. High temperature alarm, over temperature controller
Electrical Requirements	20/28 Place :15kW, 3 Phase 25/36 Place: 24kW, 3 Phase 25/42 Place: 24kW, 3 Phase Voltage is customized to destination country)
Approximate overall dimensions with door open	20/28 Place—1895mm high x 1120mm wide x 975mm deep 25/36 Place—1895mm high x 1340 mm wide x 1020mm deep 25/42 Place—1825mm high x 1410 mm wide x 1115mm deep

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