



CD - Drying Ovens

General Information

CDHT (Coal Drying High Temperature) and CDLT (Coal Drying Low Temperature) ovens are suitable for drying coal in accordance with the following standards:

ASTM D2691 - 01ASTM D2961 - 01aASTM D2961 - 02ASTM D2961 - 95aASTM 3302 / D3302M-10BS 1016-102:2000BS 1016-1:1973BS ISO 13909-1:2001 BS ISO 13909-2:2001



Standard Features

- Accurate temperature control from the 2132 (PID) controller
- A range of two Coal Drying Ovens for testing to ASTM and BSI/ISO standards
- CDLT is suitable for tests described in BS ISO 13909-1:2001, BS ISO 13909-2:2001, BS 1016-1:1973, BS 1016-102:2000, ASTM D2013 / D2013M - 12 and ASTM D3302
- CDHT is suitable for tests described in BS 1016-1:1973, BS 1016-102:2000, BS / ISO 13909-1:2001, BS ISO 13909-2:2001, ASTM D2961-11
- A high rate of horizontal airflow is directed over each shelf
- Air inlets and outlets sited so as to vent moist air and replace with fresh air
- Incoming air is pre-heated before entering the chamber
- Complete with integral floor stand
- Secondary 2132 over-temperature control
- Chamber and air guides constructed from corrosion resistant grade 304 stainless steel
- Reliable and long lasting mineral insulated, metal sheathed elements

Technical Specifications

CDLT

Operating temp range (°C)	Ambient to 50
Max temp (°C)	50
Temp stability (°C)	±1
Temp uniformity (°C)	±5
Dimensions: Internal H x W x D (mm)	610 x 610 x 1220
Dimensions: External H x W x D (mm)	1720 x 1150 x 1400 (including integral floor stand)
Shelves fitted / accepted	12 / 12 (two shelves per level , 6 levels)
Total shelf area (m3)	4.32 square metres total tray area
Volume (litres)	242
Thermocouple type	K
Max power (W)	4500



CD - Drying Ovens

Power supply	380 Volts, three phase 50/60Hz
CDHT	
Operating temp range (°C)	Ambient +10 to 200
Max temp (°C)	200
Temp stability (°C)	±1
Temp uniformity (°C)	±5
Dimensions: Internal H x W x D (mm)	610 x 610 x 1220
Dimensions: External H x W x D (mm)	1720 x 1150 x 1400 (including integral floor stand)
Shelves fitted / accepted	12 / 12 (two shelves per level , 6 levels)
Total shelf area (m3)	4.32 square metres total tray area
Volume (litres)	242
Thermocouple type	K
Max power (W)	9000
Power supply	380 Volts, three phase 50/60Hz