



DRYING OVEN - CD

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

STANDARD FEATURES

- | Accurate temperature control from the 132 (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 tray
- | Air inlets and outlets sited to vent out moist air and replace with fresh air
- | Incoming air is pre-heated before entering the chamber
- | Complete with integral floor stand
- | Secondary 132 over-temperature control
- | Chamber and air guides constructed from corrosion resistant grade 304 stainless steel
- | Reliable and long lasting mineral insulated, metal sheathed elements

Content may be subject to modifications or corrections

TECHNICAL DETAILS (MODELS)

	CDLT	CDHT
Operating temp range (°C)	Ambient to 50	Ambient +10 to 200
Max temp (°C)	50	200
Temp stability (°C)	±1	±1
Temp uniformity (°C)	±5	±5
Dimensions: Internal H x W x D (mm)	610 x 610 x 1220	610 x 610 x 1220
Dimensions: External H x W x D (mm)	1715 x 1345 x 1455 (including integral floor stand)	1715 x 1345 x 1455 (including integral floor stand)
Trays fitted	14 on 7 levels (two trays per level)	14 on 7 levels (two trays per level)
Total tray area (m²)	5.0	5.0
Volume (litres)	454	454
Thermocouple type	K	K
Max power (W)	4500	9000
Power supply	380 Volts, three phase 50/60Hz	380 Volts, three phase 50/60Hz

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