

CW HUMIDITY CABINETS



Meeting the standards

- BS 3900 F2
- BS 3900 F9
- BS 3900 F15
- BS 2011 D6
- ISO 6270
- ISO 11503
- ASTM D4585
- ASTM D2247
- DIN 50:016
- DIN 50:517

Corporate standards

Ford	GM
Honda	Jaguar
Nissan	Rover
Toyota	Audi/VW
GM44	
VG 95210	VG95332

CW HUMIDITY CABINETS

OPERATING MODES

CW Humidity cabinets provide a wide range of environmental test conditions.

- Constant temperature 30°C to 80°C
- Cyclic temperature - step-up/step-down programme
- Constant high humidity 95% to 100% saturated
- Air movement - fan assisted or convection

DESIGN BENEFITS

CW Humidity Cabinets - a clean functional design with high specification components.

- Fire retardant GRP structure with high chemical, water and temperature tolerance.
- Corrosion resistant throughout.
- Wet seal lid (dry seal option).
- Transparent apex roof.
- Ergonomically designed control panel.
- De-mountable for areas of restricted access.
- Standard panel racks included.

All cabinets are **CE** marked and have calibration traceable to NAMAS (UKAS). Certificates of conformity are supplied. Manufactured to BS EN ISO 9002 quality standard.

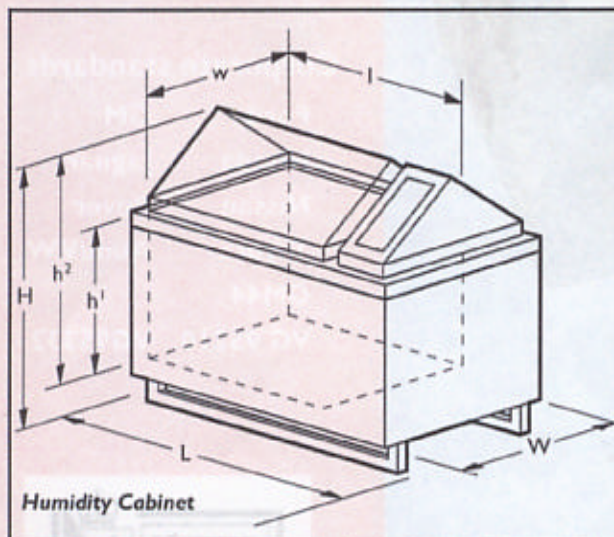
PRECISE CONTROL

CW Humidity cabinets are designed for ease of operation. Their comprehensive package of control and display features ensures that all cycles, events and functions can be closely monitored.

- Full visual display of test progression.
- Air circulation by internal fan ensures uniform test conditions.
- External cooling fans for rapid ramp.
- Moulded humidifier reservoir with submerged, incoloy heater element.
- Automatic liquid level control in humidifier reservoir.
- Microprocessor based temperature controller with digital display.
- Pt. 100 temperature sensor ensures precise control during constant and cyclic temperature tests.
- Low water sensor/alarm.
- Over temperature safety cut-out.

OPTIONAL EXTRAS

- Continuous chart temperature recorder, panel mounted or free standing.
- Entry ports for sensor, air or power connections.
- Slotted apex roof for ISO 6270 and BS 3900F9 testing.
- RH sensor with digital display.
- Water temperature controller with submerged sensor to ISO 6270.
- Dual Salt Spray/Humidity Combination Cabinet
- Air purge option for cabinet ventilation.



MODEL	DIMENSIONS (mm)							No. Panels	Power Supply Amps
	EXTERNAL			INTERNAL					
	L	W	H	l	w	h ¹	h ²		
AB6 200 litre	1030	700	1050	610	510	455	660	76	13
AB7 450 litre	1370	930	1130	825	635	620	875	132	13
AB8 1000 litre	1960	1335	1410	1465	1040	720	1065	344	20
SERVICES	POWER SUPPLY: 230 VOLTS 50/60 Hz SINGLE PHASE OTHER VOLTAGES AVAILABLE ON REQUEST								
WATER	TYPE De-ionised or mains water below 50mg/litre TDS PRESSURE 30 to 60 psi (2 to 4 BAR)								
DRAIN	36mm OD plastic pipe to liquid waste.								