

Museum Applications



hanwell
INSTRUMENTS LIMITED



Controlproducts

H U M I D I T Y C O N T R O L

cs-4
control

The cs-4 humidifier operates in accordance with the evaporation principle which is proven to be one of the best methods for humidification in museums, libraries and art galleries. This particular procedure ensures that calcium deposits or water precipitation do not form, thereby, effectively protecting works of art and furnishings.

The humidifier is electronically controlled with a ch-1 humidistat, a dual device that has an additional power switching unit (optional) for control of both a humidifier and de-humidifier, keeping the humidity at the required level.

Operating on normal or purified tap water the unit, unlike many other humidifier brands, has a removable water reservoir, thus avoiding the necessity to bring open water containers to the humidifier. The reservoir can be filled away from the humidifier and returned and inserted without the risk of spillage.

The housing is made of strong, durable plastic, designed to be anti static, resistant to acid and alkali, corrosion-proof and dimensionally stable. Its elegant design ensures it blends discreetly into any surroundings and cleaning poses no problems as the relevant assemblies can be removed from the unit without the use of tools.

Safety features have been specifically addressed as far as design is concerned, with a screen guard that protects all moving parts, such as the blower assembly and, once the supply of water has been used, the humidifier turns itself off automatically.

Typical Applications

- Conservation studios
- Galleries
- Museums
- Libraries
- Storage rooms

Options & Accessories

- Mains fill with automatic water cut off
- Silver Ion water purification sticks
- Spare water reservoirs



Specification

ISO9001:2000 certified

| | | | |
|-------------------------------|--|----------------------------------|----------------|
| Case height | 559 mm | <i>Air Flow</i> | |
| Case width | 610 mm | High speed 1200 rpm | 500 M3/hr |
| Case depth | 343 mm | Medium speed 850 rpm | 350 M3/hr |
| Weight (empty) | 11 kg | Low speed 525 rpm | 205 M3/hr |
| Power supply | 230 volts single phase 50Hz | <i>Performance @ 21°C/30% RH</i> | |
| Power consumption | Approximately 150 W | High speed 1200 rpm | 43 litres/24hr |
| Water capacity | 19 litres | Medium speed 850 rpm | 33 litres/24hr |
| Housing | Rotational spun moulded construction | Low speed 525 rpm | 22 litres/24hr |
| Filter medium | Patented 'super wick' with greater life expectancy than foam types | <i>Average sound level @ 2m</i> | |
| Maximum supply current | 0.65 amps | High speed 1200 rpm | 57 dB(A) |
| Maximum fuse rating | 3 amps | Medium speed 850 rpm | 51 dB(A) |
| | | Low speed 525 rpm | 45 dB(A) |



- DATALOGGERS
- CONTROL PRODUCTS
- TEMPERATURE
- RADIOLOGGERS
- HUMIDIFIERS/DEHUMIDIFIERS
- RADIO TELEMETRY

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