INDUSTRIAL DRYERS & HOT ROOMS

Hot Room

Insulated walk-in hot air drying room with heaters or gas hot air generators, blowers and moisture exhaust.



TEMPERATURE
Ambient to about 100°C typical; higher on request

HEATING
Electric, gas (LPG/PNG) or dual fuel, through hot air generators

INDUSTRIES
Welding electrodes, foundries, coatings, electrical repair and manufacturing

Specifications

Typical working range	ambient to about 100°C; higher on request
Example room size	31 × 14 × 8 ft
Cabins	5, each 6 × 14 ft (custom)
Frame	2 inch square MS pipe, 1.6 mm
Insulation	50 mm rock wool on all sides
Wall covering	8 mm HDHMR board both sides
Heating	hot air generator per cabin, e.g. 4.5 kW finned heaters with 1 HP blower; or LPG/PNG; or dual fuel
Exhaust	one fan per cabin
Doors	motorised vertical lift
Control	temperature controller, safety thermostat and humidity indicator per cabin

Features

- Separate temperature control in each cabin
- Safety thermostat backs up each controller
- Moisture exhaust in every cabin
- Humidity indication
- Motorised doors for trolley access
- Built on site to fit your shed
- Electric, LPG/PNG or dual fuel heating

Applications

- Air drying of welding electrodes before baking
- Drying of foundry cores, moulds and coatings
- Drying of motor and transformer windings
- Drying and force-curing of painted and resin-coated parts
- Pre-heating and storage of materials
- Bulk drying of trays and trolleys