

HUMIDITY CABINET





APPLICATIONS

PRODUCT CONDITIONING, PERFORMANCE TESTING, ENVIRONMENTAL SIMULATION, STORAGE, EVALUATION etc.,

USED IN: PHARMACEUTICALS, COSMETICS INDUSTRY, DEFENCE AND AEROSPACE, CHEMICAL INDUSTRY, PAINT, COATING & PRINTING INDUSTRY, RUBBER INDUSTRY, PLASTIC INDUSTRY, PACKAGING INDUSTRY ETC.

STANDARD FEATURES

- EASY MAINTENANCE AND SERVICE DESIGN
- ADJUSTABLE ROD MESH SS TRAYS
- MOUNTED ON CASTOR WHEELS
- ## HEAVY DUTY HINGES AND DOOR LATCH
- LOW PRESSURE VAPOUR BOILER
- **VACUUM SEALED VIEWING WINDOW (FOR SUB ZERO SYSTEMS)**

SPECIFICATION:-

MODEL HC-185 HC-1000

INNER CHAMBER :MONO BLOCK CONSTRUCTION STAINLESS STEEL 304 / 316

INNER DIMENSION : 900 X 550 X 380 1000 X 1000 X 1000

OTHER SIZES AS PER REQUIREMENT

OUTER CHAMBER: CR SHEET POWDER COATED / SS

DOOR : WITH VIEW WINDOW

CONTROL PANEL : PROGRAMMABLE MICROPROCESSOR BASED DIGITAL

TEMPERATURE CUM HUMIDITY CONTROLLER

SENSOR : PT-100 BASED WET & DRY PRINCIPLE

TEMPERATURE : -30° C TO 150° C $\pm 1.0^{\circ}$ C (as per requirement)

HUMIDITY : <u>+</u> 5% ABOVE AMB. TO 98% OR 30% TO 98%

BLOWER : HEAVY DUTY CONTINOUS CYCLE BLOWER AT THE REAR

ENSURES UNIFORMITY IN THE CHAMBER

REFRIGERATION: 'CFC' FREE AIR COOLED COMPRESSOR

POWER : OPERATION ON 230V, 50HZ, 1 Phase AC OR 440V, 50HZ, 3 Ph AC.

SAFETY DEVICE : HI- LOW TEMPERATURE. WATER LEVEL SENSOR

OPTIONAL ACCESSORIES

- PROGRAMMABLE DIGITAL TIMER.

- BOILER WATER LEVEL LOW ALARM & CUTOFF
- EXTERNAL LOCK
- AUTOMATIC WATER LEVEL CONTROL FOR WET BULB SENSOR RESERVOIR
- FULLY INTEGRATED CONTROL SYSTEM WITH TOUCH SCREEN BASED CONTROL
- **∂**GSM BASED ALARM AND INFORMATION SYSTEM



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