Environmental Chamber

ESTD. 1958

NSW INDIA · Caltan

NSW-152-HC

HC HOT & COLD CHAMBER ''CALTAN''
(MINUS 40°C TO +110°C)

USAGE OF MACHINE
Machine is used for endurance testing various machines Food Industry, Automobile Industries etc.

CONSTRUCTION:
- This is double walled cabinet insulated with 125mm thick puff between interior and exterior walls.
- Outside chamber made of PPGI / Mild Steel and painted in Epoxy Powder Coating in white color.
- The Inner chamber shall be made of stainless steel 304 qlty.
- Outer Doubled Walled metal door with magnetic gasket and lock & key.
- The chamber will have strong base for fitting your fixtures.
- This chamber shall be equipped microprocessed with temperature controller.
- It will incorporate one compressors with all its protective devices along with two fan cooled condensing coil just below the working chamber.
- This chamber will have air circulating fan from the top of the cabinet.
- The chamber will have 2" dia hole from one side for feeding cables (Entry Ports).
- Control panel shall be provided at the side of the chamber with three indicators one for main, one for heating, and one for cooling and a digital volt meter.
- Dual digital temp. controller to control temperature from minus 40°C to +110°C ± 5°C .
- Humidity controller (Electronic) with control for dry & RH which will show present value and set value to maintain 95% humidity at 37°C.
- This chamber shall work on 440V 3 phase 4 wire system with servo stabilizer.

NSW-152 HC

SIZE OF INSIDE WORKING CHAMBER:

MODEL	SIZE (MM) W D H	LTRS	RATING
HC-1	1000 x 1000 x 1000	1000	5.0 KW
HC-2	2000 x 2000 x 2000	8000	5.0 KW

OPTIONAL:
- Independent display for temperature & RH. Self tune PID control loop for communication port RS 485, 2 wire, half Duplex, start-stop synchronized safety standard meets EN-61010 with temperature alarm system having adjustable high/low alarm limits includes audible & Visual warning to cost extra.
- LCD Touch Screen display graphical profile, HMI/PLC Controller with PC interface and serial communication port (RS-232/485) to cost extra

NOTE:
Temperature range, in cool and heat can be given & manufactured as per customers requirement.

Narang Scientific Works Pvt. Ltd.

WHO GMP compliant company

ISO 9001:2015 CERTIFIED · ISO 13485:2016 CERTIFIED · CE CERTIFIED PRODUCTS