

# Environmental Chamber

## NSW-778

### WALK IN CHAMBERS/COLD ROOM “CALTAN”

**APPLICATION**

- NSW walk in chamber are designed for simulating, monitoring to control environmental conditions.
- Fresh fruit storage chiller room, meat and poultry general storage.
- These chambers are double walled and modular in construction, easy to assemble at site.
- Air circulation is made to create uniform temperature under (RH inside optional)
- Size of chamber can be made as per customer requirement.

**CONSTRUCTION**

- Double wall prefabricated modular panels with PUF insulation.
- Internal chamber made of PPGL / Stainless Steel 304 Qlty. (Puff pane and Door)
- External body made of PP/GI sheet
- Floor insulation,
- Door insulated one no. manual swing door/room.
- Refrigeration system with spit type condensing Unit having (CFC free refrigerant) are placed outside the laboratory area.
- Heating system consists of SS tubular heaters.
- Humidity inside the chamber is created by steam injection – Boiler and water reservoir made of stainless steel with heater with low water cut off.
- These chambers are designed as per ICH guidelines to meet WHO and USFDA specifications.



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**TEMPERATURE:**

- Temperature range adjustable from +2°C to +22°C
- Ambient temperature 40°C

**INTERNAL ROOM DIMENSION:**

MODEL	CU. FT	SIZE (MM)			LTRS
		W	D	H	
WICR-1	147 CU.FT	1371	1219	2438	4500
WICR-2	280 CU.FT	1955	1955	1955	8000
WICR-3	370 CU.FT	2260	2870	1955	10350
WICR-4	720 CU.FT	2870	2870	2438	20400
WICR-5	720 CU.FT	3048	3048	2438	22650

**OPTIONAL:**

- In GMP model, we shall provide inside 304 qlty. stainless steel outer 304 qlty. to cost extra

**Large size can be manufactured as per customers requirement.**