



WALK IN COLD ROOM

Details:-

The **-20°C walk-in cold rooms** from APS are designed to provide and sustain highly stable low temperature environments for the storage and preservation of blood cells, plasma, vaccines, microbial cells and other temperature sensitive materials. These equipments offer flexible cold room solutions for highly versatile applications and find widespread usage in scientific research organizations, medical centres, blood banks, pharmaceutical industries, food processing industries and various other industrial and research units. They are available as easy to assemble, fabricated units, designed to provide optimum and consistent working temperature throughout the cold storage chamber. The APS **-20°C walk-in cold rooms** are available in various standard sizes and can also be custom-designed to suit specific requirements.

These compact and energy efficient cooling equipments are designed for maximum space saving and reduced power consumption. They feature a stainless steel construction with highly resistant and non-corrosive external and internal surfaces made up of mild steel and stainless steel sheets. The equipment uses PUF insulated panels of varying thickness, sandwiched between the external and internal walls for increased thermal efficiency. The units use cam-locking arrangement for firm joining and proper alignment of the ceiling, walls and floor panels of the cold room. The aesthetically engineered, PUF insulated doors of these cold rooms feature door locks with hydraulic closure for increased shock resistance and trouble-free, long lasting operation. The **-20°C walk-in cold rooms** from APS are also available as modular structures that use flexible panel sizes for maximum space utilization. The equipment features sealed panel joints for leakage proof operation and smooth, easy to clean surfaces.

Key features :-

- Inner Stainless steel construction
- Sturdy design and long-lasting finish
- Dependable performance
- Easy to install, light weight units
- Low vibration, noise free operation
- Flexible, Energy saving design
- Microprocessor based controller
- Highly precise temperature control for accurate, uniform and stable working temperature
- Complete in specifications
- Non-toxic, anti-rusted, heat insulation
- Air-cooled compressor

First Unit- 0-32, Bawana Industrial Area, Sector-3, Delhi-110039, Second Unit-Swaroop Nagar,

EMAIL ID : aps.inst2010@gmail.com, apsinstruments@gmail.com Web- www.labequipments.net



AN ISO 9001 : 2008 & 14001 : 2004



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

MODEL	APS#WICR-5K	APS#WICR-6K	APS#WICR-8K	APS#WICR-10K	APS#WICR-12K	APS#WICR-15K
Room Size (WxDxH) (In feet)	6'x4'x7'	6'x6'x6'	6'x7'x7'	8'x7'x7'	8'x8'x7'	10'x8'x7'
GROSS CAPACITY	5000 Ltrs	6000 Ltrs	8000 Ltrs	10000 Ltrs	12000 Ltrs	15000 Ltrs
Temp. Range	2°C to 8°C					
Controller	Microprocessor Based Controller					
Temp. Display	Digital LED					
Construction	Pre-fabricated panels made of stainless steel /PCGI sheet or combination					
Walls & Ceiling Area	Room shall consist of Polyurethane Insulated thick panels of PUF. The individual panels will be firmly locked together by cam locks. The material shall be inner side SS sheet outer side PCGI sheet.					
Door	Made out of 100mm thick PUF insulated panels clad inner side SS sheet outer side PCGI sheet, complete with all accessories like locks and hinges (1 No. door with hinges and locks will be provided) as overlap Type.					
Floor	Floor consist of Polyurethane Insulated 80-100 mm thick panels of PUF. The individual panels will be firmly locked together by cam locks. Inner side of the floor panel of aluminium chequered plate.					
Flashing	Flashing made of PCGI sheet base U channel, inner and outer flashing.					
Insulation	Polyurethane foam thick insulation with a thickness of 80-100 mm					
Racks/Shelves (Option)	Stainless Steel / Aluminium racks as per customer requirement.					
Lighting (Viewing)	Interior fluorescent lighting					
Refrigeration	Dependable refrigeration system with CFC free refrigerants					
Compressor	Heavy duty Air-cooled compressor. The compressor is distinguished by its excellent performance, low noise level and minimal vibration.					
Refrigerant	Non-CFC/HCFC environmental friendly based on compressor capacity					
Power Supply	220 volts, 50 Hz or 440 Volts 3 phase supply					

First Unit- 0-32, Bawana Industrial Area, Sector-3, Delhi-110039, Second Unit-Swaroop Nagar,

EMAIL ID : aps.inst2010@gmail.com, apsinstruments@gmail.com Web- www.labequipments.net



AN ISO 9001 : 2008 & 14001 : 2004

