

PLE-101 CHROMATOGRAPHY REFRIGERATOR

Pooja Chromatography refrigerators represent the next step in refrigerated equipment's. They are contemplated for a wide range of applications that requires close temperature control, full access to Chromatography instrumentation and easy set-up of instrumentation and equipments within the refrigerator. The refrigerators are superior to commercial food service refrigerators, which are not recommended for life science or laboratory application. Choose from five models size available in non-GMP and GMP version.

REFRIGERATORSYSTEM

• Heavy-duty refrigeration system• Digital control system• Positive airflowsystems and industrial quality cabinet construction• Compressor for industrial,clinical and scientific use• Higher capacity industrial grade hermetically sealedair-cooledcompressoriscoupledwithforcedairevaporationsystem.

CONTROLSYSTEM

• Top mounted control system •Digital electronic technology to simplify operations that deliver greater accuracy• Audio/visual display for over temperature and under temperature •De-frosting timer •Adjustable temperature controller range +2°Cto+8°C.±1°C

CABINETCONSTRUCTION

• MOC in non-GMP interior and shelves are corrosion resistant SS-304 mirrorfinish and exterior is MS powder coated. In GMP interior and shelves are SS-316mirror finish and exterior is SS-304 mat finish. • High density CFC free PUF insulation ensures absolute insulation and energy conservation. •Multi pane glass external doors on aluminum anodized frame with full magnetic gasket for proper sealing with lock and key. • Non-conductive inner doors allow access to compartments. This minimizes cold air loss in the unopened compartments. • Two adjustable rods for clamping columns. • Two portholes with rubber bush closer and two trays with adjustable shelf height •Two duplex vapor proof interior outlet remains continuous ON. •Inner light with manually operated switch. •Positive forced air circulation maintains temperature uniformity at all shelf levels. • For easy mobility the units mounted on heavy-duty caster wheels.

ADDITIONALSAFETYSYSTEMS

• Safety time delay and built-in overload protection for compressor, MCB for Mains. In order to protect the refrigerator contents a safety thermostat is installed to cut-off compressor power supply in case of failure of controller.



Model No.	Capacity ltrs/cu. ft	No. Of door	Interior dime. W xD x H inches/mm	Exteriordime. W x D x H inches/mm
PCR-01	0600/ 21.08	2Nos.	44x18.0x46(1118x0457x1168)	50x 25.0 x 75 (1270 x 0635 x 1905)
PCR-02	0817/ 28.65	2Nos.	44x22½x50(1118x0572x1270)	50x 29½ x 79 (1270 x 0749 x 2007)
PCR-03	0947/ 33.23	2Nos.	44x22½x58(1118x0572x1473)	50x 29½x 87 (1270 x 0749 x 2210)
PCR-04	1335/ 46.82	2Nos.	62x 22½x 58 (1575 x 0572 x 1473)	68x 29½x 87 (1727 x 0749 x 2210)
PCR-05	2491/ 87.40	2Nos.	62x 42.0 x 58 (1575 x 1067 x 1473)	68x 49.0 x 88 (1727 x 1245 x 2235)

OPTIONALACCESSORIES

Additional Trays• Standby refrigeration system in case of regular system fails complete with controller for non-stopoperations

PRE-INSTALLATIONREQUIREMENTS

• Stabilized 230V 50Hz AC single-phase 20amps power supply with MCB and proper earthing within the radius of one meter from theinstallation. • To be installed in an air-conditioned or in a cross ventilated, dust free and clean environment with free space around. (Room temperature should be below 30deg.C)•Zero level flooring and Floor level drainage within the radius of one meter from the installation.

NOTE:

Specifications are subject to change without notice due to R & D. We design and manufacture products according to customers requisite.

OTHERPRODUCTSINCLUDES:

Pharmaceutical Refrigerator; B.O.D. Incubator; Ice Flaker. Plant Growth Chamber; Stability Chamber; Freezer cum Refrigerator; Deep Freezer minus(-)80°C in vertical or horizontal; Deep Freezer minus(-)40°C in vertical or horizontal; Deep Freezer minus(-) 20° C in vertical or horizontal; Incubator Shaker with cooling & heating; Cryostat Bath(Chiller); Plasma Freezer cum Refrigerator; Vertical Bacteriological Incubator; Vertical Laboratory Oven; Walk-in Stability Chamber; Walk-in Cold Chamber/room.

Pioneer's in services to Science, Technology & Industry. Most innovative and reliable partner in India's Biotech Revolution



Pooja Lab Equipments

Mfrs. of: Scientific Instruments & Equipments
22, Gr. Floor, Bhandup Indl. Estate, Pannalal Compound, LBS Marg, Bhandup (W),
Mumbai-400078 Tel: 25968723/25968549/67987938/25968546
E - mail: poojalablabequipments@yahoo.in Website: www.poojalabequips.com

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