Enquiry/quotation call for -80° C Deepfreezer

Please quote your lowest rates of the following item with terms and conditions. Interested firm(s) submit their Enquiry/Quotation in the sealed envelop to the undersigned till 16-02-2019 full specification should be mentioned in the Quotation.

Description

Premium U410 Upright Freezer, -86° C Ultra-Low temperature, with Urethane Foam insulation, 230V, 50HZ

Technical Specification:

Capacity: 410 L; 14.5 Cu. Ft.

Temp Range:- Programmable temperature range from -50° C to -86° C in 1° C increments, event at ambient temperature upto 32° C.

Control:- Micro Processor control of temperature and alarms with non-volatile memory.

Circulation: Requires just one fan for reduced power consumption and noise.

Cascade Refrigeration: Hermetically-sealed two stage cascade system with capacity to cope in high-ambient conditions

Insulations: Polyurethane foam, 5.1”, 130 mm thick

Chamber: Latch able inner door to minimize cold air loss when external door is opened and reduce power consumption to maintain temperature.

Pull down time is around 4 Hrs

Shelves: 5 compartment with 4 adjustable height corrosion resistant Stainless Steel Shelves. Each compartment is well equipped with Insulated Inner Door

System Monitoring & Reporting Technology Software built-In for fault diagnosis or set point variance

Security: Keyed locks on the outer doors and lids keep out unauthorized users

Password: 4-digit password prevents unauthorized users from changing the temperature setpoint or alarm setpoint.

Power: On-Off switch is located behind the locked panel, preventing power from being accidentally turned off.
Battery Backup: Activates alarms and display temperature during power outage.

“Alarms: Audible and Visible alarms for Temperature filter clean, power out, Low Battery, System Fail, and Faulty analysis.

S.M.A.R.T. Plus diagnostic software, built into the front control panel, assist trouble shooting fault condition.”

Exterior: 18 gauge steel, 1.2 mm thick with powder coated paint to resist scratch and rust.

Interior: Polished 304 SS is easily cleaned, eliminates potential for oxidation.

Door seal: Inner door fitted with low temperature safe silicone seal to prevent temperature loss when opening the outer door.

Outer door fitted with low temperature-safe silicone triple point seal, providing tight fit

Heated Air vent: Unique heat vent wit manual plunger for vent removal prevent vacuum Formation, for fast reopening of the chamber door after closer.

Filter: Front mounted compressor filter is easily visible and accessible by ¼ turn screw for quick removal. Reusable filter rinses clean.

Electric power:

Programmed startup: Random startup times have been programmed, 1-1.5 minutes apart, preventing power supply overload should multiple freezer restart simultaneously following a power failure.

Stability: “Voltage Boost-Buck” on all 60Hz models, even out high or low voltage fluctuation to maintain stable power.

Freezer is CFC Free & HCFC free refrigerants with biodegradable oil compressor

Certification: CE and UL certified.

Computer networking: Factory Installed, Optional RS-485 communication port wit optional software package enable remote control and monitoring of upto 30 Freezers. LED indicates when the operation is controlled via computer.

Shipping weight: 223kg

Ambient Condition: Engineered to maintain an internal Temperature of -86⁰C, even when operated in ambient temperature condition of up to 32⁰C

Temperature Back Up: Optional Co2 and Ln2 Backup are available

Note: - Additional feature(s) / Extended AMC or offer of CMC would be an advantage.