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Product Description

Definition :- Specifically designed for growth of the Algae in flasks. It provides adequate space with controlled temperature, humidity and light conditions. **Specification :-** Volume : 600 Liters Illumination : Four Tier LED Light Type : Horizontal shape Inner Working area : 2m2 . Access Port : 1.25" One CO2 range : 1 to 10 % Interface : Graphical interface Controller : Programmable controller Sensor inputs : Three wires RTD sensor inputs Plant growth height : 30 cm on each tier Temperature : 15° to 45°C (±0.5°C) Safety : Alarm, the controller shut down the chamber and restart when the temp returns to normal system restart automatically when the internal temp is normal. Touch screen controller : High definition IPS (1280 x 800) Monitoring : Microprocessor Based Touch Screen for real time monitoring. Display : Trend graphs Display directly on screen for both Set-point and Actual conditions Programs : Display

for cooling and bypass-based heating. - Uniform light intensity over entire shelf on Both tier. - Air circulation inside chamber adjustable air diffuser - Lift-off hinge design allows for simple removal of door - Top Mounted Air-cooled condensing unit with hot gas bypass system - Ceiling mounted evaporator coil incorporates twin air circulation fans - Solenoid valves have extended stem for quiet and long-life operation. - The system restart automatically when the internal temp is normal. - One door providing full access to chamber interior, magnetic gasket, with observation window in front of door with light cover - The LED light cool white in color. - Tier Light Measured @6" From Lamp Bank. - Run 24 hour multi-steps program in ramping mode, non-ramping mode, run non-24 hours program in elapsed time - Sequence multi-step programs , Dual experiment protection, two calibration offsets per input channel, Light lifetime maintenance activated - The accumulated hours can be reset for each output - Three wires RTD sensor inputs, visible alarm displays with audible buzzer - Power failure event logging - Ambient temperature monitoring - Digital lighting control, troubleshooting with up front Diagnostics Menu - Uniform Light Intensity programmable from 15 to 100% dimmable 300µmoles - Shelve and light canopy adjustable in ½" increments also removable without any tool. - Temperature safety alarm, the controller shut down the chamber and restart when the temp returns to normal. **Accessories :-** - Power socket 15 Amp -2Nos - CO2 Cylinder - Co2 Regulator - Voltage stabilizer - Cord & plug - Warranty Card - Instruction Manual