

Cargo Pro

We offer indoor growing solutions and Container Farm base on the demand for flexibility increases with growing conditions in different locations which is one of our most popular products. Features of Cargo-Pro: energy saving, outstanding sealing performance, maximum plant-ing area, turn-key solution with mobile devices and PC control, etc For different crops, our R&D team can provide customized solutions according to client's needs to achieve the best outcome.

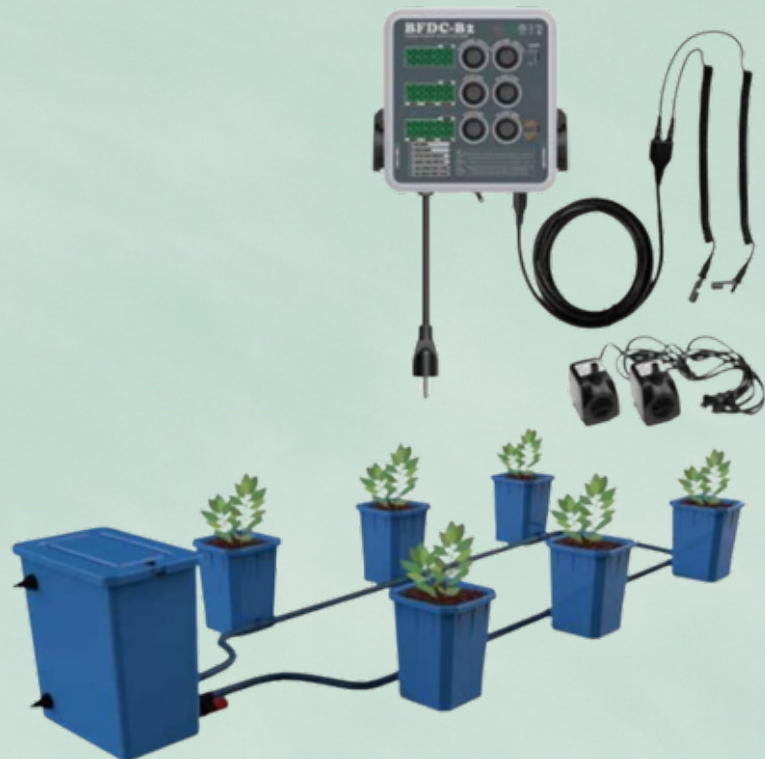
Basic Environmental Controller BETC-B2

The Pro-Leaf BETC-B2, digital environmental controller, features four 240-volt receptacles to control cooling, humidity, recycling, and night-only devices. BETC-B2 offers gardeners flexibility in usage with a dedicated recycle-timer outlet to operate a variety of devices such as: H2O/O2 pumps, HID/LED lighting, reservoir chiller/heater, etc. This unit regulates garden temperature in a control range of 5-50 degrees centigrade with adjustable deadband, and relative humidity in a range of 5-95 percent. Photocell control allows separate day and night settings of temperature and humidity with additional interlock feature, BETC-B2 includes a remote sensor on a 4,5 meter cable and lithium battery backup in case of power loss to store programmed data.



BFDC-B2

The BFDC-B2 is a modular hydroponic system that is designed to be easy to use and expand-able. Each growing "module" can hold up to 7 liters of growing medium. Up to 48 separate growing modules can be connected to a single BFDC-B2 controller. Each growing module is connected to a single central "distribution module/reservoir". The distribution module (DM) contains two float switches which will control the flood and draining of the growing modules. The system works by repeatedly flooding and draining (ebb & flow) each growing module to provide fresh oxygen-rich nutrients to the plants. ("Top drip-feed/ "run-to-waste" capable also) The duration of the flood and drain cycles are determined by the user as is the time of day the user wants the unit to operate. To ensure no harmful chemicals will leach from the system, ALL of the raw materials used to manufacture the components that are in contact with the water or the plants are 100% FDA "food-grade".



Digital CO2 Controller PPM-B1

The Pro-Leaf PPM-B1, digital CO2 controller, provides simple and precise control of a 240-volt CO2 generating device with modes for both increasing and decreasing CO2. Also featuring Fuzzy logic operation which offers additional accuracy when utilizing compressed gas for CO2 supplementation. Adjustable set points range from 400-2000 parts per million with an accuracy of +/- 100 PPM and an adjustable deadband. A remote sensor, with 4.5m cable, accurately monitors the gardens PPM levels and relays this information to the controller for display in real-time. An integrated photocell allows for day, night, or continuous operation and the unit records maximum and minimum values for later viewing.



Digital Cycle Timer TIMER-B1

The Pro-Leaf TIMER-B1, digital cycle timer, offers simple and precise control of one 240-volt device on a programmable on/off cycle. On and off durations are adjustable from one minute to 24 hours, and a photocell enables separate day and night cycle settings. TIMER-B1 features a digital clock with lithium battery backup to maintain cycle in case of power loss.



Digital Lighting & Recycle Timer BTLC-B2

The BTLC-B2, digital lighting and recycle timer, features dual timer functionality, separately controlling a recycle timer and 24-hour lighting time clock. Its four receptacles power two lights up to 600 watts each (or alternatively coordinate a 600 watt light and light-mover), a recycling device (such as H₂O pump, reservoir chiller/heater, etc.) and a night-only device. Integrated safety features with a remote sensor on a 4.5-meter cable accurately monitors garden temperatures, triggering light deactivation at an adjustable temperature set point in the event of ventilation failure.



Digital Lighting Controller LIGHT-B1

The Pro-Leaf LIGHT-B1, digital lighting controller, allows simple control of up to 1,200 watts of 240-volt lighting equipment. Adjustable high-temperature shutdown and hot-restrike prevention safeguard lighting system components. The LIGHT-B1 features a precise digital clock with lithium backup battery, and a remote sensor on 4.5m cable accurately monitors garden temperature.



Digital Temperature Controller TEMP-B1

The Pro-Leaf TEMP-B1, digital Day/Night temperature controller, allows simple control of a 240-volt heating or cooling device. Adjustable set points allow a precise temperature control range from 5-50 degrees centigrade and adjustable deadband setting. A remote sensor on 4.5m cable accurately measures the garden temperature, which is displayed on the digital display in real-time. An integrated photocell allows separate day and night settings. The TEMP-B1 stores maximum and minimum values for later retrieval.



HUM-B3

The HUM-B3 is a digital accurate plug-in humidity controller with a 15ft/4.5meter combined probe of humidity sensor and photocell, the unit can control a humidify or dehumidify device, with separated day and night humidity setting.



LIGHT-B3

LIGHT-B3 is a plug-in digital lighting controller, the unit can trigger the light with schedule through a 24hour timer, with the high temperature shut-off protection, keep the greenhouse safe. The 15 minute "Hot Start" prevention feature protects the light if power interruption occurs.



Multi-function Environmental Controller BECC-B2

The Pro-Leaf Multi-Function Environmental Controller, BECC-B2, offers full control of the indoor garden environment, with four 240-volt receptacles for cooling, humidity, CO2 and heat-ing devices. This advanced unit precisely monitors and manages CO2 in a range of 400-2000 parts per million with an adjustable deadband. Featuring fuzzy-logic technology to provide even greater control in compressed CO2 setups. The BECC-B2 regulates temperature in a control range of 5 to 50 degrees centigrade, and relative humidity in a range of 5 to 95 percent, both with adjustable deadbands, Photocell control allows for separate day and night settings of temperature and humidity, The BECC-B2 includes a remote sensor on a 4,5m cable with integrated photocell,



Multi-Function Environmental Controller BECC-PRO

5 inch touch screen, real-time status display. Precise Temperature, Humidity, CO2 PPM control Four 0-10V light control ports Up to 4 AC devices can be controlled Fuzzy logic / PPM UP / PPM DOWN RJ12 sensor interface for scalable external PAR and PHEC sensor devices RJ45 Ethernet port



PHEC-B2

The Pro-leaf PHEC-B2 is a complete digital nutrient controller, featuring industrial-grade pH, EC, and built-in temperature sensor. The controller precisely monitor and controls the pH, conductivity in the reservoir, with nutrient adjustment automatically by four dosing pumps. Easy operation, user-friendly settings, and pH, EC sensor calibration, High/Low alarm keeps the reservoir in a safe range.



PPM-B3

The PPM-B3 is a plug in CO2 Controller, has an adjustable CO2 set point, high quality CO2 sensor and equipped with a photocell that detects day/night conditions and will automatic-ly disable the load output of the CO2 controller during nighttime conditions. This controller has the CO2 PPM increase function in two mode, PPM UP mode to control CO2 genera-tor, and Fuzzy Logic mode to control compressed CO2.



TEMP-B3

The TEMP-B3 is a digital accurate plug-in thermostat with a built-in photocell, the unit can control a heating or cooling device, with separated day and night temperature setting, easy to operate with 3 deadband options as 2.0/4.0/6.0 F.1.0/2.0/3.0 .



TIMER-B3

The TIMER-B3 is a digital accurate plug-in timer with a photocell, which can select different mode as day, night or 24hours. With the lithium battery, the unit has the power interruption memory.

