CLOUD **CONTROL**

QUEST
DEHUMIDIFIERS

WELCOME.
LET'S GET STARTED.

This guide describes how to start using your Quest Cloud Control immediately.
If you read nothing else, read this guide.

For detailed information on your controller, visit www.questclimate.com

Incorrect installation can void your warranty.

COMPATIBILITY

Cloud Control works with over 95% of 120V systems including lighting, heating and air conditioning, ventilation blowers, pumps, lights, dehumidifiers, fogger/ humidifiers, water chillers, heaters, fans, or just about any other electrical device.

WI-FI SETTINGS

2.4 GHz capable router

Channels 1 - 11

WPA/WPA2 encryption

On a broadcasted SSID network

Not behind a firewall of Enterprise network

Note: We do not recommend using WEP Wi-Fi settings, for security reasons.

PRE-INSTALLATION

Before installing your controller in the field, setup and test your system (controller, sensors and relays) in your lab or office. Make sure you are using the most up to date software and firmware.

Professional installation recommended for large indoor grows and greenhouse installations.

Questions? Visit www.questclimate.com or call 1-877-420-1330.

PACKAGE CONTENTS

Cloud Control Base Model
Part Number 4041550

(1) Cloud Module
Part Number 4041551

(2) Antennae
Part Number 4041667

(1) Temp/RH Sensor
Part Number 4041554

(1) 24V Switch
Part Number 4041552

(1) Power Adapter
Part Number 4041666

(1) Extension Cable
Part Number 4041668

Cloud Control Plus Model
Part Number 4041560

(1) Cloud Module
Part Number 4041551

(2) Antennae
Part Number 4041667

(1) Premium Sensor
Part Number 4041553

(1) 24V Switch
Part Number 4041552

(2) Power Adapter
Part Number 4041666

(1) Extension Cable
Part Number 4041668

CLOUD MODULE

The Cloud Module is the brain of your smart farm. It manages your farm automation system, allowing the equipment in your farm to work together — from lighting and HVAC, to CO2 and irrigation, and pretty much anything else in between.

Use the enclosed mounting hardware to mount it to any flat surface. Use the included 12VDC power adapter to plug in the Cloud Module. The first time it turns on, it will have a flashing blue light to indicate that it has power and is ready to be connected to a Wi-Fi network.

The power source for the Cloud Module should be on a dedicated circuit that does not share power with other equipment loads.

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PREMIUM SENSOR

The Premium Sensor Module includes sensors for relative humidity, barometric pressure, air temperature, vapor pressure, CO_2 and light.

Locate the sensor in a clean and dry location where it will sample non-stagnant air. If you are utilizing the light sensor for sun sensing, ensure the light sensor has a clear path to the sun or light source. The sensor is designed to be suspended with the light sensor facing up and hanging at canopy level. The sensor can also be mounted to a wall with wall-mounting hardware. Run power to the sensor with the included power extension cord and 12 VDC power adapter.

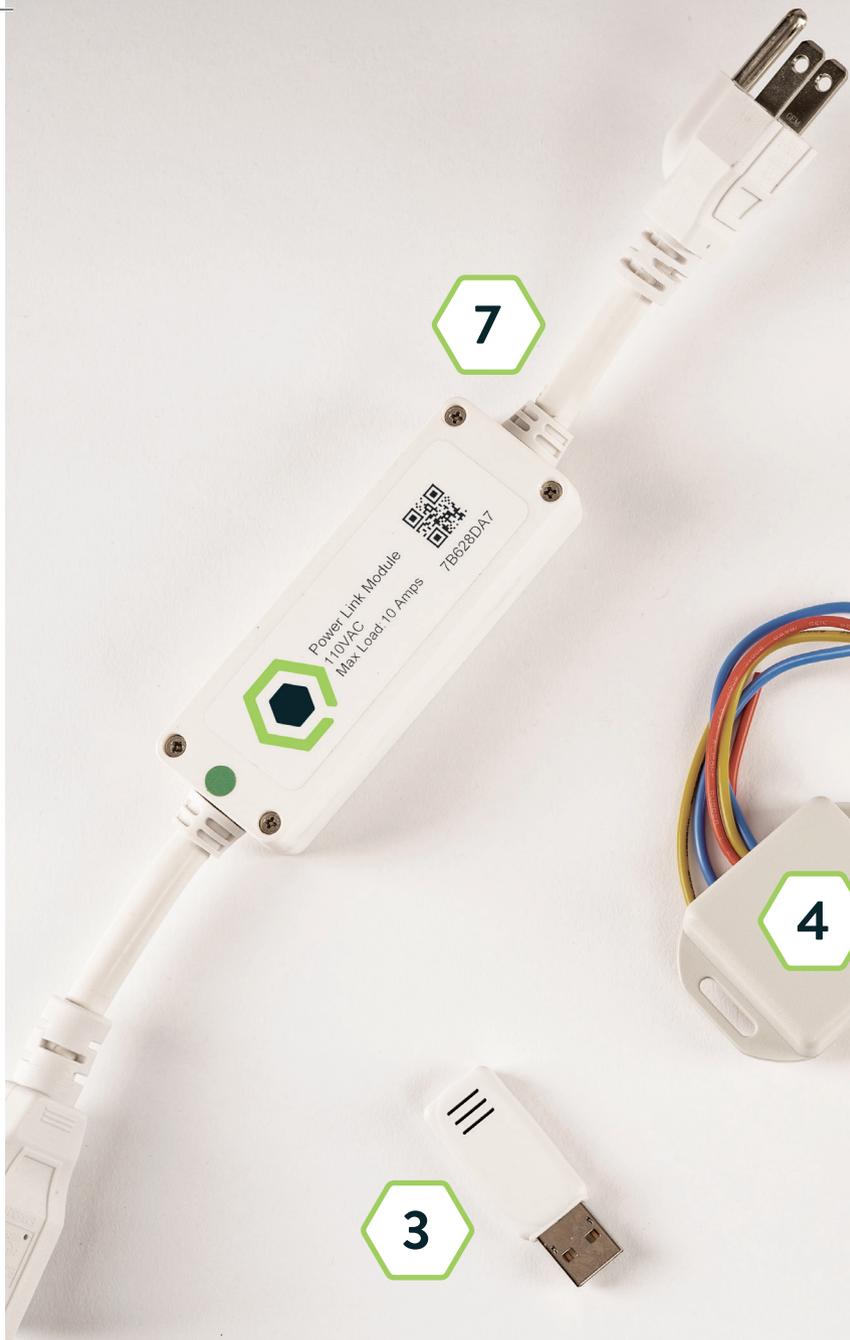For additional Premium Sensors, order Part Number 4041695.

Contents include:
(1) Premium Sensor
Part Number 4041553

(1) 24V Switch
Part Number 4041552

(1) Power Adapter
Part Number 4041666

(1) Extension Cable
Part Number 4041668

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Power Link Module
110VAC
Max Load 10 Amps   7B928DA7

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CLOUD CONTROL ACCESSORIES

3   **TEMP/RH SENSOR**

The Temp/RH Sensor is used for sensing temperature and relative humidity
of a space. This sensor plugs into the Cloud Module.

4   **24V SWITCH**

The 24V Switch can connect to the terminal block on Quest products. Once wired,
the switch allows your Quest Dehumidifier to be controlled via the Cloud Control app.

5   **POWER ADAPTER**

The Power Adapter is used to power the Cloud Module or Premium Sensor.
This universal power adapter is available for purchase as an accessory.

6   **EXTENSION CABLE**

The Extension Cable is ideal for applications where extra length is needed.

7   **POWER LINK**

The Power Link works with Cloud Control to turn on and off your 110V devices,
like CO2 regulators or fans, based on sensors, timers, or a set schedule.

DOWNLOAD QUEST CLOUD CONTROL APP

To set up and configure the controller, you will need to install the Cloud Control App from either the Apple App Store or Google Play Store.

Download on the **App Store**
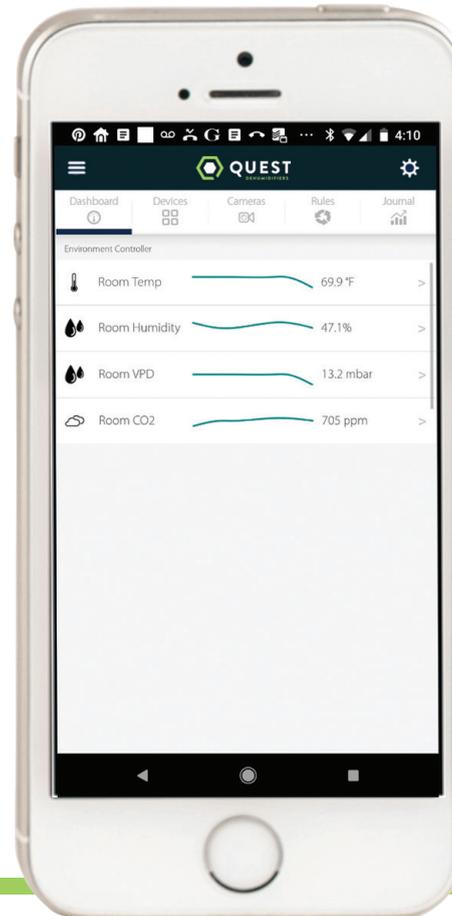
GET IT ON **Google Play**

LAUNCH APP

Launch the App and follow the onscreen instructions to setup your new account and connect your controller to your Wi-Fi.

APP DASHBOARD

Your Cloud Control Dashboard shows all the sensors connected to your system. By default, the Controller lists five sensors:

• Room Temperature

• Room Humidity

• Room VPD

• Room Light Levels

• Room CO2

SET UP THE CLOUD CONTROL

Step 1: Mounting the Cloud Control
Mount the controller to any wall near the wireless access point and plug it in with the included 12V Power Adapter.

Step 2: Mounting the Sensor Module
Locate the Premium Sensor(s) in a clean and dry location where it will sample non-stagnant air. If you are utilizing the light sensor for sun sensing, ensure the light sensor has a clear path to the sun or light source. The Premium Sensor is designed to be suspended with the light sensor facing up and hanging at canopy level. The Premium Sensor can also be mounted to a wall with the wall-mounting hardware (order kit PN 4041954). Locate the sensor no more than 500 feet from the controller. See options 1 and 2 for hanging the sensor. Run power to the Premium Sensor with the included power extension cord and adapter.

Option 1 - Eye Hook

Option 2 - Bracket

Option 1 - Eye Hook: Screw the eye hook into the top of the sensor. Attach to wall.

Option 2 - Bracket: Attach bracket to sensor using two small screws. Use two long screws to mount bracket to wall. If attaching to drywall, use anchors.

Premium Sensor Mounting Hardware Kit:
(PN 4041954)

(1) Bracket	(2) Long Screws
(1) Eye Hook	(2) Anchors
(2) Small Screws	

Step 3: Download the App and Create an Account
Download the Cloud Control app and create an account within the app (see previous page for App download information). Register your Cloud Control account to manage one or more Controllers.

    1. Launch the Cloud Control App.
    2. Type your Name, Email address, and Password in the corresponding fields.
    3. Tap Continue when you're finished.

Step 4: Follow the Onscreen Instructions
Once you have created an account, on-screen prompts will guide you through the setup process.

Step 5: Add Power Links
Once your Environment Controller is set up, you can add your Power Links to it.

DEVICES

The Devices tab shows you the current status of any device connected to your system. You can also override or force the device either on or off.

Indicates the device is in Auto Mode and Turned On because of an active Rule.

Indicates the device is in Auto Mode and Turned Off because of an active Rule.

Indicates the device is Forced Off and will stay Off until you Tap Auto Mode or On.

Indicates the device is Forced On and will stay On until you Tap Auto Mode or Off.

RULES & ALERTS

Sensor Triggers
Turn on and off equipment based on sensor threshold. Perfect for controlling HVAC, CO_2 and Dehumidifiers.

Timers
Use repeat cycle timers to precisely control pumps, fans and more down to the second.

Schedules
Setup schedules for lights, shades and any number of other devices with ease.

Alerts
Set alert thresholds on the parameters you care about and get text, email or push notifications before disaster strikes.

STATUS INDICATORS

Breathing Green
Your Controller is connected to the internet. When it is in this mode, you can call functions via the App.

Blinking Green
The Controller is trying to connect to the internet. If it continues to blink for several seconds, make sure that your internet service is working, then try resetting your Controller.

Blinking Blue
The Controller is in Listening Mode; it is waiting for your input to connect to Wi-Fi. This is the mode it comes in from the factory.

After the initial setup, if you want to change the Controller's Wi-Fi settings, press and hold the Setup button for approximately 15 seconds until the light flashes blue rapidly. Release the Setup button and the light will start blinking blue. The Controller is back in Listening Mode. From the App, go to Settings > Connect to Controller to reconfigure your Controller.

CUSTOMER SUPPORT

Superior Customer Service
Quest office hours are Monday - Friday, 8 am - 5 pm CT. Don't hesitate to reach out. Contact us at sales@questclimate.com or 1-877-420-1330. For technical questions regarding Cloud Control, contact Growlink at 1-800-432-0160 or growlink.com.

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