

Online Extras

CEA: Creating the Perfect Room, Right out of the Box (Part One)

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Sealed grow rooms featuring CEA (Controlled Environment Agriculture) can be an affordable upgrade that will most certainly help you achieve larger and healthier yields. And, it is much easier to upgrade your existing grow room to CEA than it is to create a completely new grow room. The following all-in-one materials list will make it simple for you to set up your simplified CEA hobby space using plug and play technologies. All of these products are available at hydroponic retail stores across the globe.

This list will also help you convert your existing in/out set-up to a more productive and easier to control CEA grow room. If you do not have a grow room available, a great option is to purchase a pre-fabricated grow tent or hydro hut.

Environmental Controller(s)

- Cooling thermostat
- De-humidistat
- High temperature kill-switch

Optional

- Fan speed controller

Carbon Dioxide Gear (CO₂)

- Either a CO₂ generator (propane/natural gas) or a tank (bottled CO₂)
- Either an infrared CO₂ monitor/controller or a timer

Environmental Control

- Air conditioner or chiller unit (portable upright style)
- De-humidifier
- Carbon/HEPA Scrubber (with fan)