

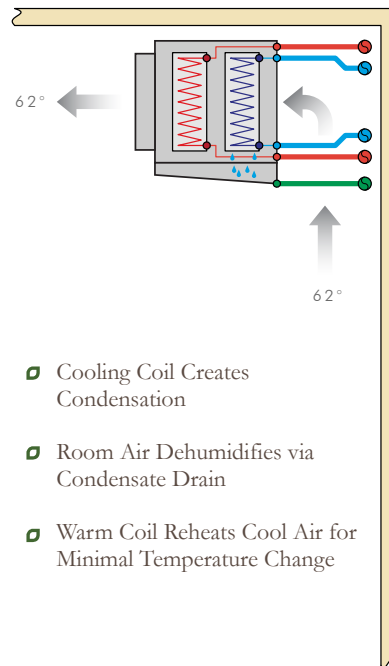
GC DRYING ROOMS



GC Dry Room w/ GC Advantage IMP Gastight Envelope & Temperature/Dehumidification Coils



Drying Racks in GC Dry Room



Graphic showing GC Method for Temperature & Dehumidification via Coils

Fresh-drop flower is very vulnerable when bringing down a room for drying. Months have been spent cultivating the plants, and care has been taken to keep the atmosphere clean. It is critical that drying rooms are sealed and isolated from any exterior atmospheric contaminants.

Our IMP design with GC SeamSeal is the first step to a successful drying process. Creating a gastight room envelope is key to economically and reliably controlling an environment as accurately as possible. Insulated metal panel construction is standard practice for creating rooms throughout the growing process, and that same logic transfers into the GC drying method. By using the GC Advantage sealing process over all the panel, ceiling, and floor joints, this gastight envelope is able to keep the room controlled.

What sets the GC drying system apart from other methods and technologies is our coil technology. The coils used in our system use cold and warm fluid simultaneously to cause the air to dehumidify. Our chiller is creating 30°F liquid and also 115°F liquid. The pumps push that liquid to what are essentially paired radiators inside the coil. Our patented coil staging operation allows for maximum effective dehumidification operation in the first day or two, but then ramps down to provide less drying as the product becomes drier, rather than subjecting the product to maximum drying capacity in an “on or off” situation. The GC KiloWatch automatically varies the hot and cold flows to the coil and also stages the use of the coils. The result is a very efficient drying of the valuable flower in the room.

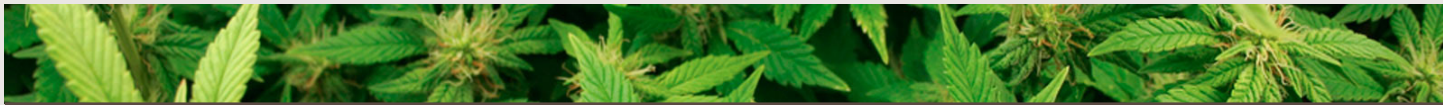
FEATURES

- ▣ Patented Coil Staging Process - US Patent No. 11,549,696
- ▣ Hot/Cold Dual Loop Coils for
 - Precise Dehumidification
- ▣ No Additional Dehumidifiers Required
- ▣ Variable Dehumidification Levels provide
 - Less Stress on Drying Product
- ▣ Tight Control over Room Atmosphere
- ▣ GC Advantage Gastight Seal System
 - on IMP Room Envelope
- ▣ GC Doors with Egress Hatches
- ▣ GC KiloWatch for Automation and Remote Access

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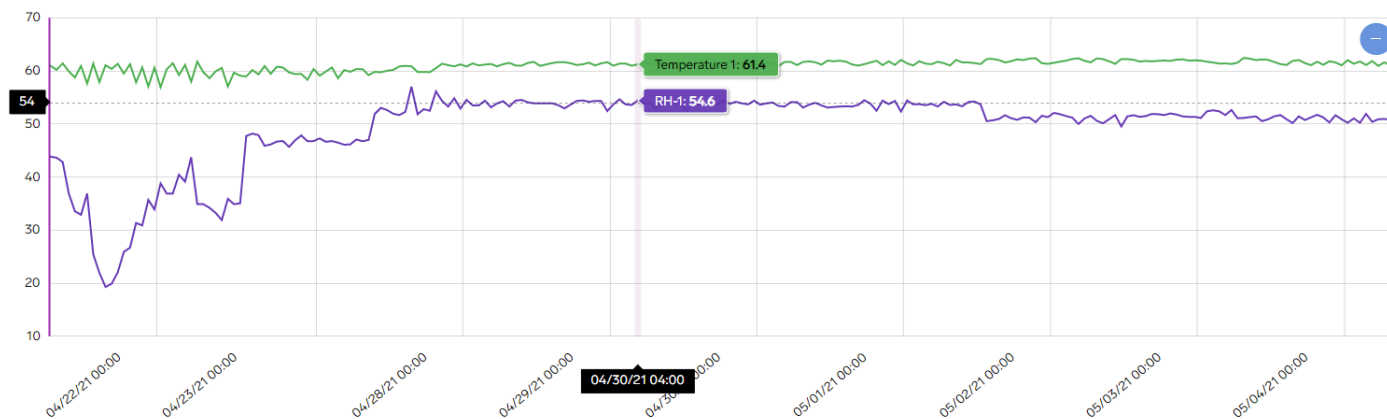


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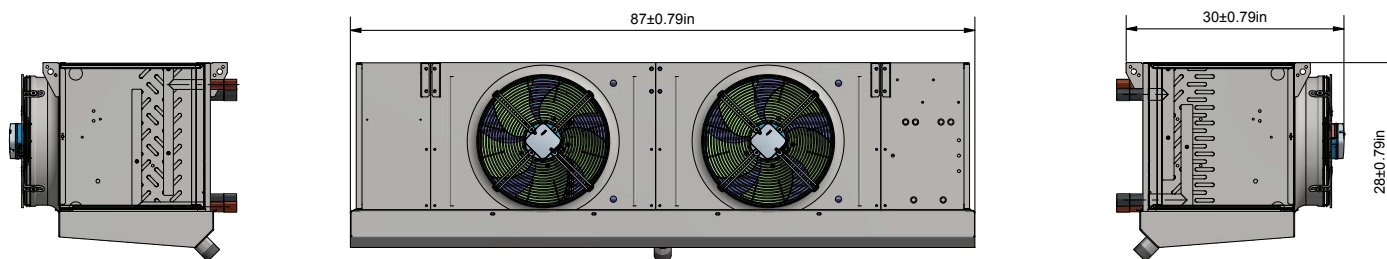
GC 2-FAN DRAW-THRU COIL WITH REHEAT FOR DEHUMIDIFICATION vs TRADITIONAL DEHUMIDIFIER

| 2 Fan Refrigeration Evaporator (30°F Glycol Supply) | | |
|--|-------------|-----------------|
| Room Dry Bulb (°F) | Room RH (%) | Gallons per Day |
| 60 | 45 | 15.7 |
| 60 | 50 | 29.3 |
| 65 | 50 | 51.1 |
| 68 | 60 | 99.2 |
| 70 | 50 | 76.4 |
| 75 | 55 | 126.0 |
| 80 | 60 | 184.1 |

| Traditional Dehumidifier | | |
|--------------------------|-------------|--------------------|
| Gallons per Day | Room RH (%) | Room Dry Bulb (°F) |
| 3.125 | 45 | 60 |
| 8.75 | 50 | 60 |
| 22.4 | 50 | 65 |
| 38.0 | 60 | 68 |
| 46.5 | 50 | 70 |
| 49.4 | 55 | 75 |
| 62.5 | 60 | 80 |



Graph Screenshot from GC Kilowatch showing Results of GC Method for Temperature & Dehumidification via Coils in Application



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