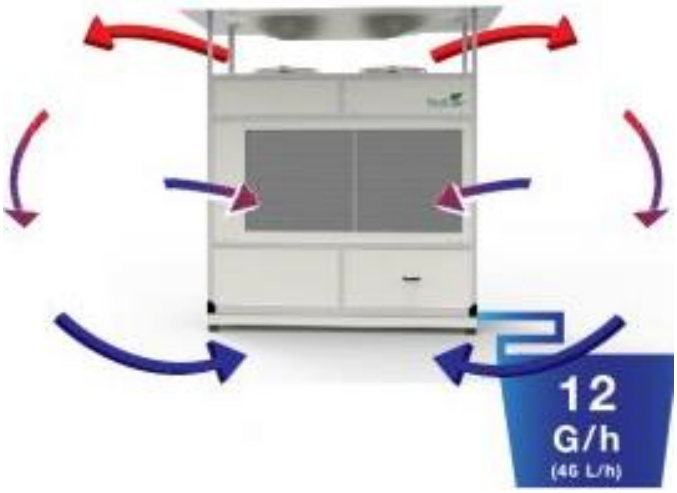
DryGair dehumidification solutions

Creates optimal homogenous climate conditions

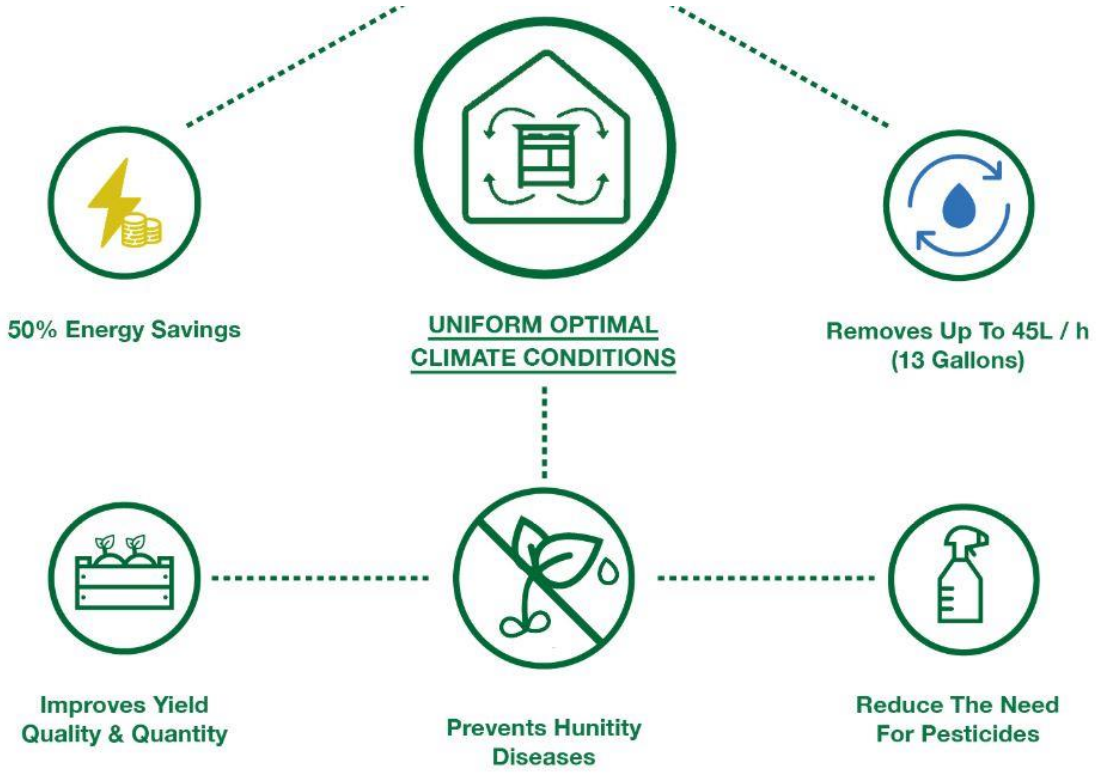


The innovative DryGair solution targets one of the biggest issues in greenhouse climate control: humidity. Humidity inside the greenhouse is a crucial problem to cannabis growers. Plant transpiration occurring within the greenhouse produces moisture in the air. If not regulated properly, humidity condenses on plant surfaces, greenhouse structures, and equipment, and creates the necessary conditions for the development of detrimental cannabis diseases including botrytis, powdery mildew, and hemp canker (white mold) which damage quality and significantly reduce yields. The DryGair solution offers an innovative way of managing humidity that is effective, energy efficient, and economical.

Applicable with closed screens

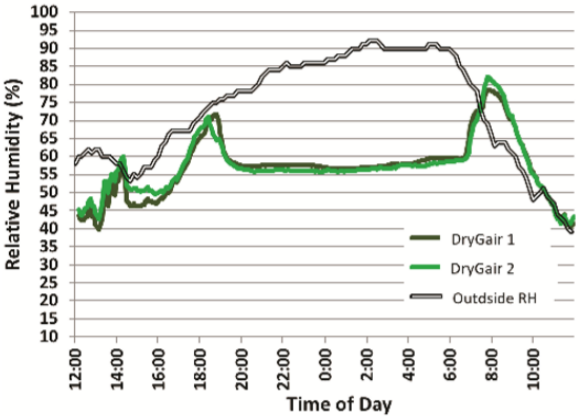
In cannabis production, ventilating is not always possible. Cannabis production is based on a light regime, extending day length with artificial lighting or shortening day length while using black screens. Once black screens are in use, the option for ventilating the growing facility is no longer possible, and humidity increases without any possibility to treat it. DryGair's concept works in a closed greenhouse, isolated from the outside air, and reduces the humidity from within. The patented technology takes the humid indoor air, extracts humidity at a rate of 12 G water/hr (45 L water/hr)*, and recirculates the dehumidified air uniformly throughout the greenhouse, minimizing moist microclimates that can lead to disease development.

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Advantages

- Humidity control
- Energy saving (more than 50% of energy can be saved (depending on the growing facility)
- Optimal homogenous climate conditions
- Growing tool
- Better yield- quality and quantity (30% more yield)
- Prevention of humidity diseases and Reducing the need for pesticides
- Prevention the loss of CO2
- Saving working hours
- Greener environment and sustainability
- Organic premium-optional
- Dense crops
- Re-use water



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