

UNIQUE VALUE PROPOSITION

Improve Revenues

Reduce Operating Expenses

Protect Capital Investments

Ensure Hygienic and Safe Environment

Ensure Health code Regulatory Compliance

Proactive Risk Management

FEATURES

Very Low Energy Footprint

- a. Very Low Energy Consumption**
Unrivaled dehumidification rate of **1.32 Gallons** of water extraction with an energy footprint of **1 kWh**.
- b. Consistent & Excellent Performance**
Dragon's patented approach to liquid desiccant allows the system to operate consistently at top performance at an wide range of temperature and relative humidity set points.
- c. Precise Humidity Control**
Embedded automation software with the help of a network of sensors enables the system to react to different needs in order to precisely manage humidity and temperature.
- d. Scalable Capacity**
Systems range from **6.6 Gallons** per Hour to **317 Gallons** per Hour in capacity. Multiple systems can be installed in parallel to unlock unlimited capacity.

Energy Saving

- a. Capture & Discharge Latent Energy**
Dragon Dehumidification process directly captures latent heat, transfers it out of the rooms and discharges it. Therefore there is no unnecessary heating and cooling of supplied air in order to dry it.

If and when need be Dragon is able to recapture the heating or cooling load created during the humidity discharge process in order to further introduce Energy Saving.
- b. No Unwanted Heat**
Traditional HVAC cooling needs to account for the heat load coming from the rooms as well as the heat load introducing during dehumidification step. Dragon does not add any unwanted heat and as a result offers considerable energy savings.
- c. Contribution to Cooling or Heating**
Dragon can be configured to utilize the energy recaptured during the humidity discharge process in order to contribute to heating or cooling needs with no or minimum additional energy footprint.

Improved Air Quality

- a. Air Filtering**
Liquid desiccant has disinfecting and filtering characteristics. The air is washed with liquid desiccant during dehumidification and as a result air borne pathogens, dust and pests are critically reduced.
- b. Odor Mitigation**
The same air filtering processed referred to as washing the air with liquid desiccant also traps and mitigates odor.
- c. Air Circulation**
Dragon ensures a homogeneous distribution and recirculation of indoor air.
- d. Air Disinfection**
Dragon is unique in that, it DOES NOT create bacterias. Instead it kills airborne pathogens! Dragon disinfects the air naturally and helps fighting diseases.
- e. Positive Air Pressure**
Apply positive air pressure to prevent outdoor contaminants to enter your rooms or facility.
- f. Negative Air Pressure**
Apply negative air pressure to prevent contamination in any room to spread to the rest of the facility

Management

- a. Multi Zone Control.**
A single regenerator can run multiple conditioners with slightly varied set points.
- b. Management and Monitoring**
Mobile and web applications to remotely access all controls and monitor all real-time activity within the facility at the individual zone and room level with persisted past performance data.
- c. Easy to integrate with external systems**
The modular and flexible design of Dragon allows to seamlessly integrate with Chillers and Boilers through coils and with AC and HVAC systems through duct work. Meanwhile Mekasera uses industry standard protocols to communicate and integrate with third party systems.
- d. Alerts via emails and/or SMS**
With proactivity and precaution at its core, all Dragon Alarms are managed through its Mekasera software. All alarms can be configured based on alarm type, user role and alarm behavior.
- e. Remote Support & Easy Maintenance**
Dragon does not require any running material. The system is self diagnosed, supported remotely and maintenance with ease.
- f. Great support**
Enerama provides a free of charge babysitting service for the first 6 months in addition to excellent online support and on-site maintenance services.

DRAGON  **WORLD'S MOST EFFICIENT & POWERFUL CLIMATE CONTROL SYSTEM**

