



Announcements

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Job offers [more »](#)

- Operations Manager / COO
- Vegetable Greenhouse - Romania
- Head Grower - Neerabup (Wanneroo), Australia
- Lead Grower - Clyde and Deavon Meadows in Victoria, Australia
- Greenhouse Technical Sales- USA & Western Canada
- Sales manager - Latin America
- Senior VP Operations – California
- Grower/ Farm Manager - Australia
- Senior Grower - Australia
- Quality and Compliance Manager - Cambridgeshire, UK
- Betriebsleiter - Switzerland

Dehumidification technology in greenhouse horticulture

Collaboration between Royal Brinkman and DryGair Energies Ltd

Royal Brinkman has entered into a new partnership in the field of dehumidification equipment in greenhouse horticulture. DryGair Energies Ltd is a manufacturer of greenhouse dehumidification systems. During the IPM in Essen the collaboration between both companies was officially confirmed.



f.l.t.r. Eef Zwinkels of Royal Brinkman, Ziv Shaked of DryGair Energies, Jos Duijvesteijn of Royal Brinkman and Karl - Ullrich Arnds of DryGair Energies Ltd.

Humidity in greenhouses requires a delicate touch. Due to the transpiration of the crops it doesn't take long for the humidity level in the greenhouse to increase substantially. The classic solution for this is to reduce humidity via air ventilation. However, opening the ventilation windows allows cold outside air to enter and the inside temperature then needs to be reheated to its original level.

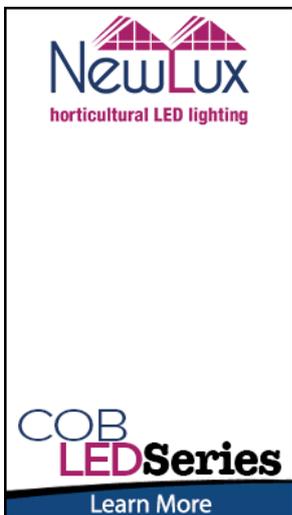
DryGair units dehumidify the greenhouse air in such a way that the ventilation windows can remain closed as much as possible. Both the used electricity and the heat released during the dehumidification process are returned to the greenhouse, thus saving energy. The condensed moisture is drained or can even be used as process water. The DryGair units have the following two capacities: dehumidifying 45 litres per hour or 20 litres per hour. All DryGair units have a high efficiency rate, and for every 1 Kwh invested in the operation, more than 4 litres of water are removed from the air. One unit covers an area between 1,000-4,000 m² (depending on cultivar, cultivation stage, time of year, cultivation method and the height of the crops). An accurate absorption rate is important. The unit will collect the relatively moist greenhouse air, dry it and then recirculate it.



DryGair concept has many additional advantages, the special air distribution creates homogeneous and uniform climate conditions, improves the yield, reduces the need for pesticides, saves energy, saves cost, and more.

This collaboration between Royal Brinkman and the Israeli company DryGair Energies Ltd will ensure worldwide sales, service and maintenance of DryGair installations.





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Tweeting Growers

Tweets vanuit [@@hortidaily/tweeting-growers](#)

Top 5 - yesterday

Photo Report IPM Essen 2016
 US (NY): Gotham Greens' new Queens facility officially opened
 Grodan to be featured on Discovery Channel
 Germany: Fire destroys Gimperlein's greenhouse, Koppert Cress helps colleague grower
 Monsanto and BASF may reap more from partnership after Syngenta sale

Top 5 - last week

Photo Report IPM Essen 2016
 Canada: Mucci Farms invests in large scale, fully automated, hydroponic lettuce production
 ChemChina acquires Syngenta
 US: East Chicago mayor provides grants for Glynn Barber's new aquaponic greenhouse
 Sundrop Farms wins Tomato Inspiration Award 2016

Top 5 - last month

Photo Report IPM Essen 2016
 Canada: Mucci Farms invests in large scale, fully automated, hydroponic lettuce production
 India: Hyderabad project utilizes special technology to cope with extreme climate
 ChemChina acquires Syngenta
 Japan: First crops in at Minamisoma
 Tomato Farm in Fukushima

Exchange rates

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USD: 1.1236
 JPY: 129.07
 GBP: 0.77945
 AUD: 1.6083
 BRL: 4.3741
 CAD: 1.5623
 CNY: 7.3924
 NZD: 1.7085
 ZAR: 18.1960

Euro foreign exchange reference rates

Other news in this sector:

2/9/2016 US: New distribution center for Pure Hothouse in Texas
 2/9/2016 Dow Chemical CEO plans retirement after DuPont merger
 2/9/2016 Stockton takes first step into U.S market
 2/8/2016 UK: Vitacress fined £60,000 after employee loses fingertips in machinery
 2/8/2016 Grodan to be featured on Discovery Channel
 2/8/2016 Monsanto and BASF may reap more from partnership after Syngenta sale
 2/8/2016 Organization and management changes at Yara
 2/8/2016 Bayer "committed to UN sustainable development goals"
 2/8/2016 Canada: New distribution center for Pure Hothouse Foods
 2/8/2016 Germany: Fire destroys Gimperlein's greenhouse, Koppert Cress helps colleague grower
 2/8/2016 Canada: Lakeside Produce announces expansion
 2/5/2016 Can you safely eat tomatoes grown in soil from Mars?
 2/5/2016 US: Cultivate '16 registration opens March 8
 2/5/2016 Richard Ward and Chris Daye join Beneficial Insectary
 2/4/2016 Canada: How to start training pepper plants
 2/4/2016 New Kocide Business Manager of Biopesticide for Certis USA
 2/4/2016 Syngenta publishes 2015 results
 2/4/2016 foodlife & Irmato join forces in robotics
 2/4/2016 Canada: \$7-million expansion for Learnington's Lakeside Produce
 2/4/2016 Indoor Farms of America announces issuance of patent