

AGAM Energy Systems Ltd. designs, develops and manufactures air conditioning and dehumidification systems. ... Greenhouse effects caused by these gases warm our planet thus endangering the existence of its inhabitants. Our goal is to reduce fuel consumption by introducing new and more efficient technologies and machines.

Hagai Palevsky with Agam Greenhouse Energy Systems stressed the dangers of excess humidity in greenhouses, which causes fungal spread, mildew, and other pathogens. The Ventilated Latent Heat Converter captures air with a salt solution and then filters it. This way, the greenhouse can be closed, saving energy. It also regulates temperature when ...

Founded in 2009 by industry veterans, Agam develops and produces innovative, energy-conserving and environmentally friendly cooling, heating and dehumidification systems. Agam's solutions serve the needs of both the industrial and the agricultural sectors, including greenhouses, indoor cultivation and seed and grain warehouses.

For AGAM Greenhouse, [press here](#). AGAM is developing a proprietary Liquid Ring Rotating Casing Steam Turbine (LRRC ST) that can generate electricity from waste heat, starting at 90°C hot water or 100°C steam, currently thrown ...

AGAM Greenhouse Energy Systems developed their Ventilated Latent Heat Converter and Hybrid Air Conditioner system, offering a unique solution that might prove particularly handy in these times. "The systems employ a hygroscopic brine to dehumidify air in the growing facility while harnessing wasted thermal energy, giving the user a much higher ...

energy-saving systems. Such is Agam's heating system. Agam's unit takes in humid air from inside the greenhouse, blowing it through a matrix of a very concentrated desiccant. Water vapor is drawn into a condensing device, which releases the latent heat from the humid air into the desiccant. In this process, vapor

Greenhouse Energy. Agam's Eco Climate Converter (ECC) is a unique, patented greenhouse dehumidification system. It is also known as a ventilated latent heat converter, designed to take excess humidity and convert it into heat and water by blowing air through a special hygroscopic brine in a compact cooling tower.

screens. 2. The greenhouse that was equipped with a thermal screen only (GH 2) was constructed of impermeable, reflective sheeting that provided 50% shade. 3. A greenhouse equipped with a thermal screen and the Agam system (GH 3). The Agam system is based on a heat converter that can lower the RH in the greenhouse and supply the additional energy

Agam's technology enables air circulation with closed thermal screens & without roof ventilation, providing optimal and uniform humidity & temperature conditions, whilst dramatically reducing energy consumption and CO₂ emission. Agam's systems use special hygroscopic brine that enables the conversion of humid air into dry air, reducing humidity ...

Find company research, competitor information, contact details & financial data for AGAM GREENHOUSE ENERGY SYSTEMS LTD of KIRYAT MALACHI, Southern District. Get the latest business insights from Dun & Bradstreet.

The document describes Agam Energy Systems' Ventilated Latent Heat Converter (VLHC) dehumidification system for greenhouses. The VLHC takes in humid air from inside the greenhouse, converts the water vapor into water and heat, and releases warm, dry air back into the greenhouse. This process efficiently converts latent heat from the vapor into usable heat, ...

AGAM Greenhouse Energy Systems - introductory slideshow. Click here to view the slideshow! Canada - Alberta Greenhouse Growers Newsletter. Click here to view the article! ... sales@agam-energy . Mailing address: 16 Arlozorov St. Hod HaSharon 4520316, Israel. ...

Agam Greenhouse Energy Systems develops micro-climate energy-conserving, dehumidification, heating, and cooling systems for the agricultural, horticultural, and cannabis industries. The company's Ventilated Latent Heat Converter and Hybrid Air Condition are dehumidification systems for cold and warm climate greenhouses.

Agam Energy Systems Ltd is active in the area of energy conservation and environmental technologies. Based on more than 10 years know-how and experience in the field of heat exchange between air and hygroscopic brine, the company develops, manufactures and markets new and more efficient technologies and machines (all patented). The current products are ...

Agam Greenhouse Energy Systems | 61 ?? ?????????? ??? LinkedIn. dehumidification and filtration of airborne spores in greenhouses + dramatically reducing energy costs and CO₂ emission | Our technology enables air circulation with closed thermal screens or without window ventilation, providing optimal and uniform humidity and temperature conditions, whilst dramatically ...

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Agam greenhouse energy systems
Croatia

