

# Dry-Cooling News

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## DryKor TAC Units Start-Up at Husky™ Shanghai Plastic Plant



DryKor commissioned twelve TAC (Thermal Air Conditioner) “compressor-less” units for Husky’s new plastic factory in Shanghai, China in May 2004. The DryKor units pre-treat and dehumidify outside air in extreme conditions of 190 gr/lb (27 g/kg) of absolute humidity.

Nine units installed in parallel, in 2 modules pre-treat outside air for the AHU for the production halls and three additional units pre-treat supply air for the AHU supplying the factory’s offices.



During the installation and commissioning, DryKor’s chief technician, Yoram Attias conducted an on-site training program for Husky’s local engineer and technicians to enable them to service and maintain the DryKor units.

## DryKor Thailand Installations

**The Siam Dried Freeze Food Processing Company** freeze dries fruits, vegetables and shrimps for local consumption and exports to Japan and the South East Asia Region. Maintenance of room conditions of 62 °F (17 °C) / 30% R.H., were achieved with eight DryKor UDT models, installed in both parallel and series configurations to pre-treat and dehumidify the air before entering the AHU units. Five units were installed inside the mechanical room with the AHU units, and three units were installed on the roof in tandem with RTU units. This DryKor client appreciates that in addition to the dehumidification benefits, DryKor units provide disinfected air (removal of 94% of microorganisms in the air) which is of great value in the food processing industry.



**The Osotspa Group of Companies** is a well-established and leading Thai manufacturer and distributor comprising more than 20 wholly-owned subsidiaries within the group. Osotspa core businesses include pharmaceuticals, medical instruments, nutritional foods, beverages, personal care products, publications and packaging. Osotspa’s business covers domestic and international markets in 42 countries.

DryKor installed four UDT units, in the Osotspa plant in Bangkok, Thailand, December 2003. Two units are installed in parallel and two units in series. Each pair is connected to an AHU, for humidity control in the production halls. DryKor’s units treat and dehumidify both outside & return air.



## Our Dry Air Is Cool

## DryKor To Provide Air Treatment at Wockhardt™ in India



Established nearly four decades ago, Wockhardt Limited today is among India's top research and technology oriented pharmaceutical companies.

The company has developed leading brands in the anti-infective, pain, inflammation, cough, psychiatric, medical nutrition and biotechnology market segments.

The Wockhardt Ltd., Daman plant in Mumbai will install two DryKor UDT model units in the strip packing area. DryKor units will enable the plant to maintain design Conditions of: 68 °F (20 °C) / 20% R.H.

At the Wockhardt Ltd. plant in Aurangabad, DryKor will install two UDT model units in the tablet manufacturing facility. These units will maintain design conditions of 64 °F ( 18 °C) / 25 % RH.

Wockhardt India chose DryKor units because of their high dehumidification capabilities, air disinfection capabilities and the significant lower operational costs.

## New Employees at DryKor

DryKor is expanding quickly to provide improved sales and service capabilities on a world wide basis. New employees who have joined since February include:



**Fred Perfetto** - Vice President, North American Sales. Fred spent over 20 years with Carrier Corporation in a variety of positions including R&D in Syracuse and sales

management for both RES and CML products. He was most recently the Branch Manager for Carrier South Florida, a \$70 Million distributor covering products ranging from RAC to industrial chillers.

**Steve Heberle** - Director, Technical Support - North America. Steve comes to DryKor with an equally long career (over 20 years) with Carrier Corporation.

**Joseph Burke** - Director, National Accounts for Drykor, North America. Joe joins DryKor after an extensive career at York, where he served as Vice President, National Accounts.

**Mike Madzy** - Texas Territory Manager. Mike will be assisting DryKor Texas Distributor; Johnson Supply with centers in Houston, Dallas, San Antonio and 26 Texas outlets.

**Anthony Todd** - Service Technician, Atlanta, Georgia

**Tzali Shababo** - Israel Territory Manager. Tzali, experienced from residential sales and with York will assist DryKor Israel Distributor: Insupco.

**Florence Chan** - Regional Manager, Pacific-Rim. Ms. Chan will be providing regional support to our distributors in Singapore, Malaysia, and Hong Kong.

## New US Distributors

Drykor is pleased to announce the addition of three new distributors in North America:

**Equipment Sales**, Mobile, AL., is a wholly owned distributor of Carrier Corporation, with a long history of providing HVAC support to southern Alabama.

**Shore Distributors** of Maryland, supplying Carrier products in Maryland for over 56 years. Equipment Sales and Shore Distributors will be supplied through "Dry Air Systems Distributors" (DASD) a wholly owned Mingledorff's subsidiary dedicated to DryKor sales to Carrier affiliates in the United States.

**ESS** in Boston, MA. is a specialty distributor, providing custom solutions for supermarkets and convenience stores in the North-East USA.

## New Energy Choices in the U.S.A.

People's Gas, subsidiary of TECO Energy, is Florida's leading provider of natural gas. People's Gas is looking for ways to increase baseline natural gas sales during off peak periods as well as attracting non-traditional customers such as office buildings to use gas.

Peoples Gas installed a DryKor TAC model unit in a regional office that was prone to high humidity levels.

Desiccant air-conditioning allows a building operator to precisely control relative humidity in a building independent of sensible cooling so that both temperature and humidity can be kept at optimal levels. This results in increased comfort, energy savings and many health benefits.



Burning natural gas in the summer to control humidity and condition air increases gas sales as well as reducing electric demand charges. The DryKor TAC has allowed People's Gas to maintain an average RH of 45%.

Building occupants that are prone to allergies and other respiratory problems have reported that they have fewer respiratory problems, while working in the building, since the TAC was installed. Additionally, overall comfort level in the building has been greatly improved.