



**Western Environmental
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WESCOR

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**Hot &
Cool News**

Manufacturers Representative

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The Inside Story On Packaged Gas Heat / Electric AC Units

When Hunter-Davisson Inc, a mechanical design-build company in Portland, was looking for a cost-effective way to provide both gas heating and electric air conditioning for a several-hundred unit development, they turned to Wescor and the Skymark Company. Skymark manufactures the Skypak, an indoor mounted packaged gas/electric heating/AC unit.

The Skypak is designed for convenient through-the-wall installation in residential low-rise and high-rise, industrial, and commercial applications. The all-indoor design eliminates unsightly exterior equipment and refrigerant line connections, maintains architectural aesthetics and protects the Skypak from weathering and vandalism.

Skypak features include:

- ◆ Heat with natural or LP gas (direct vent), hot water, or electric;
- ◆ Gas input of 20K, 40K, 60K and 80K BTUH;
- ◆ Cooling capacity from 12K to 29K BTUH;
- ◆ 80.3% AFUE, SEER ratings meet energy codes;
- ◆ Ductable return and supply air;
- ◆ Power vented through wall sleeve, no chimney;
- ◆ Left-hand or right-hand unit configuration;
- ◆ Exterior grille painted to match building colors;
- ◆ Independent metering and temperature control can be used - this eliminates building-wide service shutdowns encountered with conventional systems.

Marcia Karr, P.E., project manager for Hunter-Davisson, said, "We selected the Skypak units because they are quiet, easy to install, spare parts are off-the-shelf, and the units are competitively priced. In addition, architects have expressed a preference for the Skypak unit over the competition because the outside grille is well constructed and not subject to vandalism or excessive wear and tear."

Skymark has a retrofit unit that replaces the Fedders Verti Pak and the Mueller Climatrol packaged heat/cool units. The Skypak retrofit unit provides an easy upgrade in performance and efficiency.



Skymark also makes indoor, through-the-wall ductable air conditioning units. These units, in either horizontal or vertical configurations, are available in 2, 3, 4, 5, 8, 10, 12 and 15 ton capacities.

Other Skymark units include horizontal or vertical packaged water-cooled units (from one – 20 tons) and an air-cooled condensing unit for balcony-mount or through-the-wall applications.

Skymark makes a full air-side economizer for all of these units that attaches directly to the unit and is designed to meet current building and legislated codes for indoor ventilation.

For more information on the Skymark unit or to receive a full product catalog, please call us at 800-782-9239.

Boeing Selects Desicair To Provide Total Temperature And Humidity Control In Wind Tunnel Test Facility

When the Boeing Company needed to maintain exact humidity and temperature control in its Wind Tunnel Test Facility in Seattle it turned to Wescor and Applied Technology Systems to provide a system to meet its strict standards.

Boeing purchased two Desicair desiccant dehumidifiers manufactured by ATS to provide total humidity and temperature control even under extreme climatic conditions.

Desicair offers a complete line of desiccant dehumidification products – all of which include reactivation energy conservation to reduce energy costs. Desicair's Trac control system uses the built-in variable monitoring of the advanced silica gel desiccant. These controls optimize the energy to the reactivation heater to maintain the desired humidity control point and eliminate the need for face and bypass dampers for capacity control.

Desicair pioneered rotary wheel-style units to remove moisture by the process of adsorption, where humidity is adsorbed in the vapor process. This process allows dehumidification of very cold air streams, such as found in the Boeing Wind Tunnel,

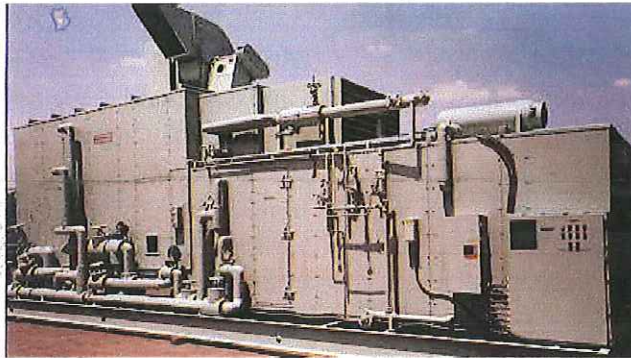
without frosting or freezing the mechanical components or coils. Specially designed Desicair units can produce dry air to minus 100°F dew point.

Desicair units provide precise humidity and/or temperature control of storage, warehouse or

manufacturing spaces or a process air stream. Applications include conditioned process air for pharmaceutical operations; pneumatic conveying of hygroscopic materials; plastic injection molding and blow molding; electronics manufacturing; archival

storage of documents, films and works of arts; close-tolerance investment casting; long-term storage of military equipment; and extremely low dew point clean rooms – just to mention a few.

Some of our larger Desicair dehumidifier customers in the past year include the Navy Base at Bremerton, WA, Inflation Systems (manufacturers of automotive air bags) in Moses Lake, WA, and Thiokol Manufacturing (manufacturers of space shuttle booster fuel propellant) in Corine, UT. For more information on this or other products, manufacturers, or to find the office nearest you, please call us at 800-782-9239.



Offices in California, Idaho, Oregon, Utah and Washington

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