

## HVAC cutaway headline



A Seasons•4 60-ton unit will achieve the same moisture removal capacity as a conventional 100-ton unit. Our innovative unit is often easier to install, and easier to maintain. Plus, your return on investment is three years or less—all for a unit designed to last the lifetime of your building.

### Dual Path units include the following features:

- 1 Multiple compressors for efficient load matching and low electric demand
- 2 Independent high efficiency outdoor air pre-cool circuit eliminates "sensible load" cooling burden from dehumidification coils
- 3 Two-stage outdoor air dehumidification circuit for dedicated moisture removal
- 4 Independent return air circuit parallel to outdoor air circuit treats sensible load requirements of space, giving your system built-in flexibility
- 5 Auxiliary heat section is specifically designed for your location's requirements
- 6 Motorized outdoor air with cost-efficient night-bypass damper
- 7 Manual balance dampers in outdoor and return air plenum for easy, fast fine tuning
- 8 Heat reclaim coil uses waste heat derived from refrigeration units of offset requirements for comfort zone heating
- 9 Low velocity pleated, long-lasting air filters
- 10 Airfoil blade blowers for high-efficiency operation
- 11 Premium efficiency motors
- 12 Single point power connection for easy installation
- 13 Spacious cabinet design with full height access doors for easy access and maintenance
- 14 Oversized condenser design for higher efficiency and energy savings
- 15 Factory mounted 24-volt controls are compatible to the computer hardware of your choice. Your system is matched exactly to your specifications.

## Dual Path Diagram headline

Outdoor air conditions can vary greatly throughout the day, and throughout the year. A Dual Path system separates outside and inside air into two air streams handled by dedicated compressors. The result? Greater operating efficiency.

## Retro Fit With Seasons•4 and Save.

Older rooftop units are costly due to higher maintenance requirements, higher energy bills, and poor performance. That's why Seasons•4 offers replacement units that fit directly onto existing roof curb or steel structures, and match duct and service conditions. Our direct replacement units match up weight-wise, too. And our unit's aluminum exterior is lighter than ordinary metal panels, lasts longer, and is rust-free.



## Clients

Our reputation starts and ends with our customers, which include:

- Big Bear
- Brookshire Grocery Co
- H.E. Butt Grocery
- Defense Commissary
- Cub Foods
- Dierbergs Markets Inc.
- Dominick's Finer Foods
- Fiesta Mart
- Fresh Fields
- Genuardi Supermarkets
- Giant Eagle, Inc
- Harris Teeter
- Hyvee Supermarkets
- King's Supermarket
- P & C Food Markets
- Pathmark Stores
- Piggly Wiggly Carolina
- Randalls Supermarkets
- Safeway, Inc.
- Shopper's Food Warehouse
- Shoprite
- Stop & Shop (Ahold)
- Super Valu
- Target Stores
- Tom Thumb Markets, Inc.
- Ukrop's Supermarkets
- United Supermarkets
- Wal-Mart Properties
- Weis Markets, Inc.
- Whole Foods
- Wild Oats Markets Inc.
- Assoc Wholesale Grocer

For more information,  
visit our web site: [www.seasons4.net](http://www.seasons4.net)  
Or call toll free: 1-800-888-9900

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Unique solutions  
for the supermarket environment

# Dual Path

Lower your energy costs.  
Raise your standards.



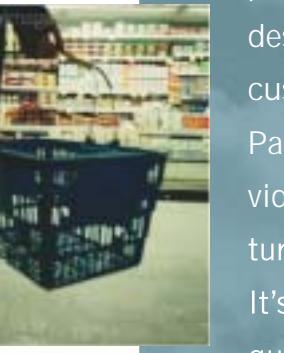
SEASONS•4

## For supermarkets, cookie cutter HVAC just doesn't cut it.



The supermarket environment is unlike any other. Both refrigerated cases and power exhaust systems complicate your HVAC profile. The environment in which your display cases operate greatly affect the energy used by your refrigeration systems, which can comprise up to 50% of your energy costs.

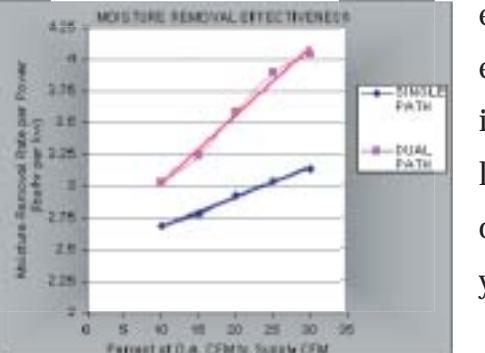
With margins as tight as they are, your HVAC system must provide optimal, efficient, and reliable environmental control to minimize energy consumption, reduce food spoilage and provide high quality products. You need a unique HVAC system one with an innovative method of cooling and dehumidifying. One with efficiency that's only matched by its power. You need Dual Path.



### Optimize your store's HVAC moisture removal capacity with Dual Path.

Outdoor air represents as much as 25% of your store's airflow and account for 50-75% of your moisture load. The Dual Path system treats indoor air and outdoor air separately, taking the outdoor air with its high moisture content, and drying it separately with dedicated dehumidification coils. This delivers much greater operating efficiency than conventional single path stream units,

especially in high-humidity environments. Return air-cooling coils make up any sensible load requirements. to maintain overall energy efficiency for your store.



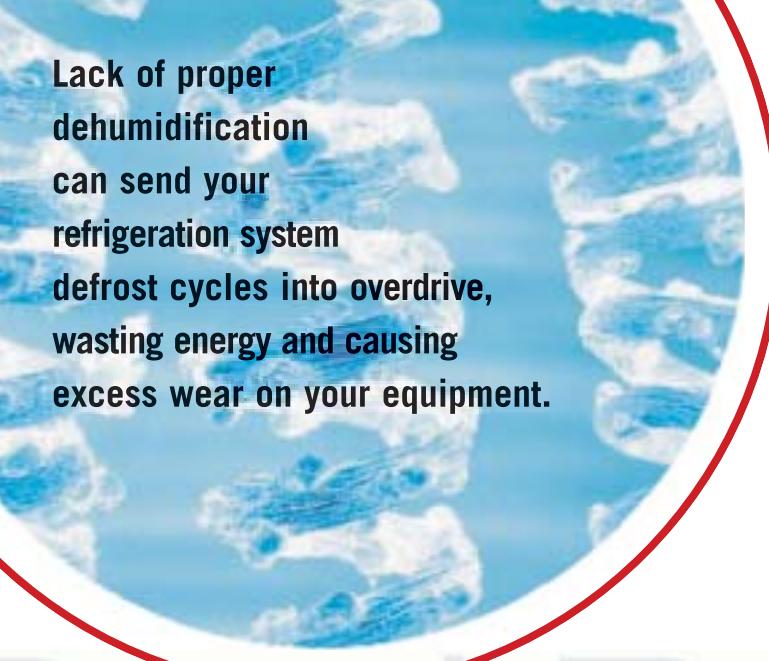
### We're experts in supermarket HVAC design.

With over 30 years experience and thousands of installed units, Seasons•4 knows the unique moisture control requirements of supermarkets inside out and outside in. As pioneers in Dual Path design, we can build a custom tailored Dual Path system that provides exceptional moisture removal capacity. It's a combination of quality, unparalleled service, and overall reliability that can keep your supermarket cool and dry.



**SEASONS•4**

Lack of proper dehumidification can send your refrigeration system defrost cycles into overdrive, wasting energy and causing excess wear on your equipment.



with a machine that will last as long as 25 years.

For example, you may spend \$100,000 a year to operate your refrigeration systems and \$20,000 a year to run your AC. If you apply that \$20,000 to a dual-path HVAC system, you can reduce your refrigeration cost by about 10% each year, or \$10,000 a year.

### Custom-sized means XL satisfaction.

At. Seasons•4, any and every detail that affects your store's environment affects the design of the Seasons•4 Dual Path HVAC system we build for you. Whether you have plans for a sushi case or a "meals-for -busy-for families" display, we take it all into account. For you, it translates into the most reliable, cost-effective solution for your store's HVAC needs.

energy cost chart goes here

### Dual Path in the supermarket environment balances:

- Increased outdoor air requirements for people and exhaust systems
- Moisture load introduced with outdoor air
- Available case credits with HVAC requirements



Of course, even the best-made equipment may require occasional attention. And that's why we provide a one-year parts warranty from the date you start up a system. When you buy Seasons•4, you're buying the best in the industry.

### With Seasons•4, maintenance is a breath of fresh air.

At. Seasons•4, we make maintenance as easy as possible to help you enjoy the energy savings our Dual Path units create. Dual Path units feature full-height access doors for ease of maintenance. A covered vestibule shelters critical parts, allowing maintenance and service accessibility in almost any weather conditions.

Our units' standard and custom parts are selected carefully from leading manufacturers to minimize your maintenance costs even more. Plus, the replacement parts you'll need for regular maintenance and service can be found at most HVAC parts wholesaler.

### Baltimore Supermarket Saved \$8,000 the First Year.

Annual savings vary by location. In Miami, which needs humidity control 90% of the year, a Seasons•4 system reset a store's dew point from 58 with a conventional system to 50 with a Dual Path unit. The store realized \$18,000 in refrigeration energy savings. Even stores that need humidity control for only half the year still realize significant savings. We saved a store in Baltimore, for example, \$8,000 in refrigeration energy.

