

JADE™ Economizer

Honeywell



THE JADE™ ECONOMIZER ISN'T JUST
VENTILATION. IT'S A SOLUTION.

Efficiency is simply a breeze

The freshest idea in energy efficiency.



The JADE™ Economizer makes energy savings simple.

Let Nature Do The Work

Efficient ventilation and temperature control don't have to be complicated or expensive. At Honeywell, we're always creating products that simplify your workload and deliver unprecedented savings. Our JADE™ economizer is a perfect example of how engineering and innovation can be combined to deliver a solution that is easy to implement and makes reducing energy costs a breeze.

The JADE economizer doesn't heat or cool anything.

It simply brings in outdoor air to lower a building's interior temperature naturally.

Why pay to mechanically lower the temperature when there is a wealth of free, cool air right outside? But what really makes JADE a breeze for users is its LCD display screen that delivers clear fault messages and key diagnostic information. In addition, JADE ensures that you are able to meet current local and national ventilation codes. Plus, it incorporates future recommended code change features, so you can relax knowing that for years to come, your building will be compliant.



Effortless Installation, Compatibility and Expandability

Installation is a breeze too. You don't need a certified programmer or installer to set up and operate the JADE economizer. JADE is designed to work seamlessly with existing and future rooftop systems. Honeywell allows you to start with a basic solution -- single enthalpy or single dry bulb -- then move up to a more sophisticated solution -- differential enthalpy and demand control ventilation. Whether you start basic or not, JADE is designed to meet your specific needs and universally fit your current system.

Fault Detection and Diagnostics

The JADE economizer is unlike any other economizer available. It provides on-board fault detection and diagnostics that are expandable and compatible with existing and future rooftop systems. It quickly identifies sensor failures or loss of communication -- saving you time on service and commissioning so you can get to the next job faster. We make it easy to use and install with our user-friendly LCD display and test mode for annual maintenance checks. JADE is the replacement for all standard economizers.

Optimum Comfort, Maximum Savings

Using a Honeywell economizer with demand control ventilation can reduce your energy costs as much as 40 percent when installed and maintained properly, depending on geographic region and building usage. As you know, under ventilating can compromise occupant comfort and over-ventilating can cause higher energy bills. When JADE senses that a space is not 100 percent occupied, it will reduce outdoor air intake. If you have too little air intake, your building occupants won't get enough fresh air.

LCD Screen delivers continuous messages, important diagnostics and system status.

Color-coded wiring terminals help with easy installation.

Built-in freeze protection closes the outdoor dampers to protect coils when temperatures drop.

Two-wire Sylk™ bus enabled communications enable simple integration and future expansion.

On-board fault detection and diagnostics quickly identifies sensor failures or loss of communication, saving time on service and commissioning.



Real-World Reliability

For decades, Honeywell has led the way, developing and delivering the most powerful and popular economizers in the industry. JADE builds upon this reputation, promising the same level of dependability, but now offering greater performance and benefits in a simple to use and maintain device. Fault detection and diagnostics communicated clearly through an intuitive interface keeps the unit operating at top performance. The model also incorporates a simple checkout procedure for annual maintenance checks.

And Honeywell economizers are built to last -- averaging 15 years of reliable performance with minimal service required.

Like every Honeywell product, you can count on a commitment to product quality and superior service.

Go Beyond Green - Go JADE

The JADE economizer empowers you by controlling energy costs and contributing to our planet's environmental efforts. Honeywell continues to lead the way toward helping the world become more energy-efficient and sustainable with superior products that allow our



customers to save energy even while saving on the bottom line. It's called an economizer for a reason -- your building will operate far more economically. Take your energy savings to the next level. It's simpler than it may seem. In fact, it's a breeze.

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