

# Intelligent Store™ Discus® Compressor



## Intelligence and Insight



### Is Your Operation Efficient?

It is likely that somewhere within your enterprise, you're failing to efficiently utilize resources. It could be energy, manpower, equipment repair costs, or a combination of all of these. If you had a clear picture of your entire operation, perhaps you would know exactly how to make your operation more efficient and more profitable.

With Intelligent Store™, Emerson Climate Technologies now offers the industry's most innovative approach to providing you a single view into your entire network of facilities. Now you will be able to understand how your facilities are operating and being maintained, and the costs associated with those activities. This understanding will allow you to effectively cut energy expenses, reduce operation and maintenance costs, and extend food quality. In addition, you can make decisions about where and when to spend your resources to ensure they have the most impact possible.

### Intelligent Refrigeration Components

At the heart of every Intelligent Store are the world-class products and services of Emerson Climate Technologies. From facility management systems to smart compressors, the Intelligent Store architecture utilizes these devices as enablers to deliver better information and better overall performance from your HVAC, refrigeration and lighting systems.

Intelligent Store is far from a cookie-cutter solution. Emerson Climate Technologies understands that every operator and every facility is unique. The Intelligent Store™ architecture is very customizable, with each solution tailored to meet your specific needs. Whether you're building a brand new store or converting a new acquisition, the Intelligent Store can work for you.



## Integrate the Copeland Discus™ into Your Intelligent Store™

The Intelligent Store™ Discus® is a key component of Intelligent Store. This dynamic new compressor offers onboard diagnostics that provide real-time intelligence that tells you and your technicians exactly what you need to know, even before you need to know it. So minor concerns can be addressed long before they become major problems.

Intelligent Store Discus guarantees consistent installations and cost savings, fewer components, and less wiring which translates to installation that is simple and fast. It can centralize your compressor-monitoring operations, which will allow technicians to troubleshoot problems before traveling to the site. And, with this system your technicians can be automatically dispatched if there is an alarm generated.

\*Average cost-savings with addition of Copeland Discus™ to your Intelligent Store offering can save an average of \$6500/year per store.



### Standard Functions

- High Pressure Cutout
- Low Pressure Cutout
- Oil Pressure Protection
- Motor Protection

### Enhanced Protection & Features

- Power Interrupt Protection
- Welded Contactor Protection
- Discharge Temperature Protection
- Discharge Temperature Probe
- Status Display
- Communications

For more information see AE4-1336  
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| Benefits                                             | Features                                | Advantages                                             |
|------------------------------------------------------|-----------------------------------------|--------------------------------------------------------|
| Guarantees consistent installations and cost savings | Integrated system electronics           | Fewer components and less wiring                       |
| Reduced food spoilage                                | Greater compressor reliability          | Greater refrigeration uptime                           |
| Cuts maintenance costs                               | Status display with fault history       | Enables faster diagnostics                             |
| Reduced environmental impact                         | Fewer components and fittings           | Reduced refrigerants leak points                       |
| Minor concerns do not become major problems          | On board diagnostics and communications | Provides real-time remote intelligence for technicians |

Intelligent Store Discus is just a single tool within the Emerson Climate Technologies™ Intelligent Store, offering a level of control within your business you never could have imagined. Learn more about what it can do for you at [EmersonClimate.com/IntelligentStore](http://EmersonClimate.com/IntelligentStore).



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