




# EWAD~C

family for large applications

All Seasons  
° CLIMATE COMFORT

- Heating
- Air Conditioning
- Applied Systems**
- Refrigeration





THE 'EWAD~C' FAMILY  
OFFERS TOP EFFICIENCY,  
LOW SOUND LEVELS  
AND FLEXIBLE SOLUTIONS  
FOR A WIDE RANGE  
OF APPLICATIONS

We equipped the new air-cooled series with a number of in-house developed technological innovations - such as the unique single-screw compressor and advanced high efficiency fans – offering you extremely cost-effective solutions for use in comfort and other applications where a top level chiller in terms of performance and reliability is needed.

# EWAD~C-



Designed to exceed the HVAC industry standards for operating efficiency, this range offers flexible solutions for a wide range of applications thanks to its advanced design with multiple efficiency and sound combinations.

Capacity range 619 ~ 2,008 kW

## FEATURES & BENEFITS

### APPLICATION FLEXIBILITY

No matter what the application, our series can provide the ideal solution thanks to its wide range of capacities (from 619-2,008 kW) and ambient operating temperatures (**from -18°C to +52°C**), while having one of the smallest footprint in the market.

### LOW OPERATING COST

Reduced operating costs are achieved by our unique single screw compressor that provides maximum efficiency under both full and partial load conditions.

### OUTSTANDING RELIABILITY

Innovative technology (eg. advanced composite compressor gaterotors) reduces the wear within the equipment contributing to increased equipment life and low total-cost-of-ownership.

### SUPERIOR CONTROL LOGIC

The easy-to-use controls allow you to programme the system for maximum efficiency while, at the same time, providing a complete history of the unit's operations.

### LOW OPERATING SOUND LEVEL

Reduced sound levels under full and partial operating conditions are achieved by the latest compressor technology and a unique fan design that moves large volumes of air almost silently, providing quiet operation for installation in even residential neighbourhoods.

## INTEGRATED CONTROL SYSTEMS

Achieving absolute control over the operations of our 'EWAD~C' series of chillers is achieved by using the MicroTech III control units. These units provide a simple, user-friendly set of controls that allow you to set and monitor every aspect of the chiller's operations and to retain a long-term record for use by the maintenance engineers. To provide a total solution, the controllers easily integrate with the building automation system using LonTalk, BACnet, Modbus or other ethernet TCP/IP communication protocols.

## OPTION AVAILABILITY

Since we offer a variety of combinations of capacities, efficiencies and sound control, we also offer an extensive list of options to optimise the EWAD~C chillers for your specific application and requirements. We found that our customers almost always selected many of these and so we now supply them as standard – however, there is a new range of options to enable you to **tailor** the system to your exact specifications. Notable amongst these is the **'Heat Recovery'** option for increased energy savings and to extend the application possibilities in hotels, etc.

EFFICIENCY	SOUND LEVEL			CAPACITY RANGE					
	Standard	Low	Reduced	600	800	1,000	1,500	2,000	2,500
Standard	✓	✓	✓	619-1,922 kW					
High	✓	✓	✓	736-2,008 kW					
Premium	✓	✓	✓	809-1,562 kW					







Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

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