




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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