



OptiChill[™] & OptiChill[™] FreeCool 500 - 1330kW

- + EER up to 3.19
- + ESEER up to 4.21
- + OPC 500 1140kW
- + OFC 750 1330kW























Optimum control

Advanced chiller technology at its best

Developed and optimised for R134a, the OptiChill[™] range offers a large capacity, low energy and low sound cooling solution designed to minimise environmental impact.

Boasting a small footprint, the OptiChill™ is a high efficiency, air-cooled screw chiller with a raft of flexible options making it suitable for a wide range of applications. The OptiChill™ range is ideal for precision air conditioning and process or comfort cooling involving substantial and diverse cooling loads.

Extensive choice

The extensive OptiChill™ range provides exceptional flexibility, enabling you to select a chiller which best accommodates your site requirements.

The OptiChill™ (500 - 1140kW)

- A choice of seven different case sizes ranging from 8 to 20 fans
- 52 models are available
- Two efficiency options High Efficiency and High Efficiency Plus

The OptiChill™ FreeCool (750 - 1330kW)

- A choice of four different case sizes ranging from 16 to 22 fans
- More than 200 models are available
- Two sound level modes Quiet and Extra Quiet





Inverter controlled pump

Speeds up and down to maintain the design flow rate and offers flow protection.



EC fans

Up to 80% more efficient.* Electronically commutated fans provide increased performance for reduced power input (option).

*than AC fans at part load



Grooved water connections

Ensure simple and quick installation.



Electronic expansion valves

Typically provide an EER increase of 30% by reducing the need for high head pressure.

Ultimate energy efficiency

Reduces operating costs

Smart controls for optimal performance

Smart controls ensure optimum operating conditions and allow sequencing of up to eight chillers, intelligent head pressure control, automatic rescheduling of chilled water set points and energy monitoring. All of which make the OptiChill™ range increasingly energy efficient, enabling it to benefit from a European Seasonal Energy Efficiency Ratio (ESEER) of up to 4.21.

ESEER of up to

4.21

Free-cooling

The OptiChill™ FreeCool offers up to 95% concurrent free-cooling over a year (cumulative hours, London, UK), which can save more than 50% of the energy consumed by a conventional chiller, therefore greatly reducing operational costs.

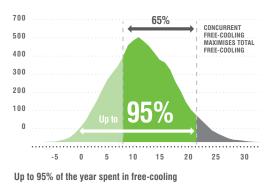
For up to 30% of the year, the OptiChill™
FreeCool can operate in free-cooling mode
only. This enables free-cooling EER's* of up to
80 to be achieved. During mechanical cooling,
excellent part load efficiencies ensure an
ESEER of up to 3.52.

Free-cooling EER at 15°C return water; 20% ethylene glycol; 3°C ambient temperature

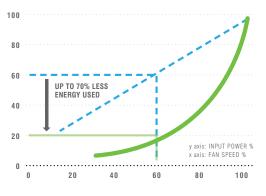
EC fans

The OptiChill™ range uses the latest EC fan technology to provide even greater control. EC fans offer one of the most effective solutions for reducing cooling system energy consumption and can potentially reduce energy usage by up to 70%.

EC fans automatically respond to load fluctuations enabling fan efficiency to be significantly improved and cooling system performance to be optimised. Low air flow resistance also increases fan performance at reduced power input.







EC fan: Up to 70% more efficient than an AC fan at part load

EC Fan AC Fan

Enhanced performance

Increased system reliability and efficiency

Modulating screw compressors

Twin screw compressors increase reliability, efficiency and improve overall chiller performance, whilst also reducing sound levels and vibration.

The compressors adapt to match cooling load and are complemented by economisers to increase cooling capacity.

Reduced sound

Sound levels were a key consideration during the design of the OptiChill™ range. Vibrations have been minimised and contained at the source to prevent transfer through the unit and reduce noise levels for end users.

Efficient heat exchangers

The large surface area of the condenser coils provide greater heat exchange and improved air flow configuration to increase system efficiency.

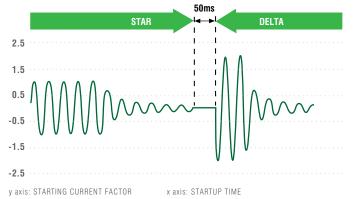
Cleverly designed sickle bladed axial fans offer a new blade design for optimum aerodynamic performance, reduced power input and lower noise levels. High air velocity is achieved without an increase in noise and pipe work is designed to maximise the heat exchanger benefits.

Intelligent head pressure control

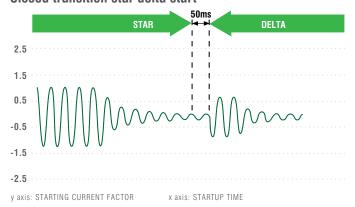
Interactive head pressure set point management allows greater energy and system optimisation, particularly where EC fans are used. The controls strategy for the OptiChill FreeCool modulates the fans to achieve a peak EER for the unit at any ambient temperature.



Normal star delta start



Closed transition star delta start

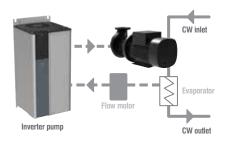


Closed transition star/delta starting

The OptiChill™ offers closed transition or electronic soft starting to minimise starting current. During normal star delta starting of a motor, a disconnection occurs between the star and delta steps which can cause currents to spike when the delta step is initiated. Closed transition star delta fills this gap with a resistive load to reduce the current peak, which can also help to increase the lifecycle of the compressor motor.

Inverter controlled pump

An optional inverter controlled pump, combined with flow monitoring provides effective water management enabling significant energy savings to be made. The pump is able to speed up and down to maintain the desired flow rate and also enables low flow rate protection.





Electronic expansion valves

The use of electronic expansion valves (EEVs) within the OptiChill™ reduce the need for high head pressure, resulting in an energy efficiency ratio increase of 30%, which allows operating costs to be dramatically reduced.

Using an EEV enables good refrigeration control whilst operating at part load and lower ambient conditions with a reduced condensing pressure.



30% increase in EER

Intelligent controls

Seamlessly managing your system

The control centre of each of our cooling systems is a sophisticated, electronic microprocessor specially developed by Airedale. The intelligent microprocessor uses sensors which allow active components to interact. By integrating and sequencing components, the controller manages and optimises the system's performance, availability and power draw, giving the operator complete system control.

Smart networking solutions

Fully-programmable via the control panel's user-friendly display, the microprocessor can be linked with all standard BMS protocols to:



Trigger alarm messages



Operate time scheduling



Send alarm/service messages via email or SMS using an interface

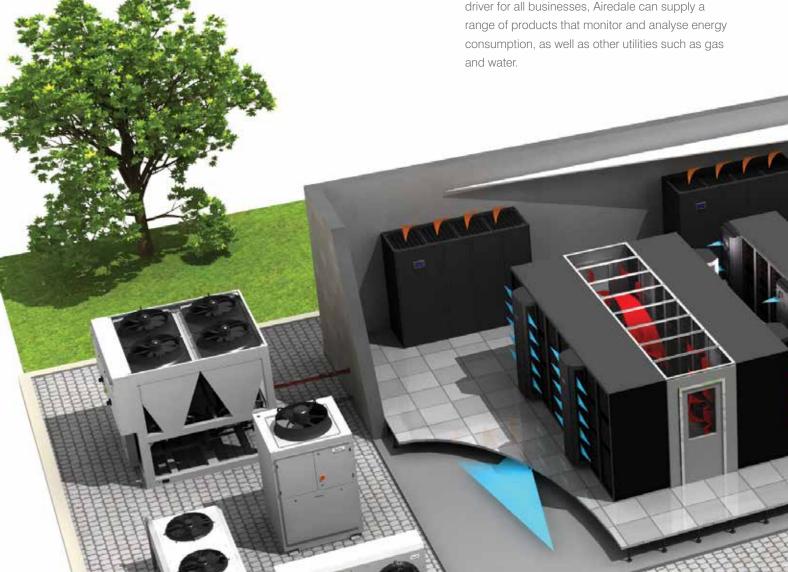


Allow adjustment of temperature setpoints



Energy saving

Airedale provides an extensive range of control solutions that deliver intelligent component optimisation for existing plant, as well as a variety of upgrades designed to reduce lifecycle costs. Reducing energy consumption is now the key driver for all businesses, Airedale can supply a range of products that monitor and analyse energy consumption, as well as other utilities such as gas and water.



Building management

Smart, efficient, integrated solutions

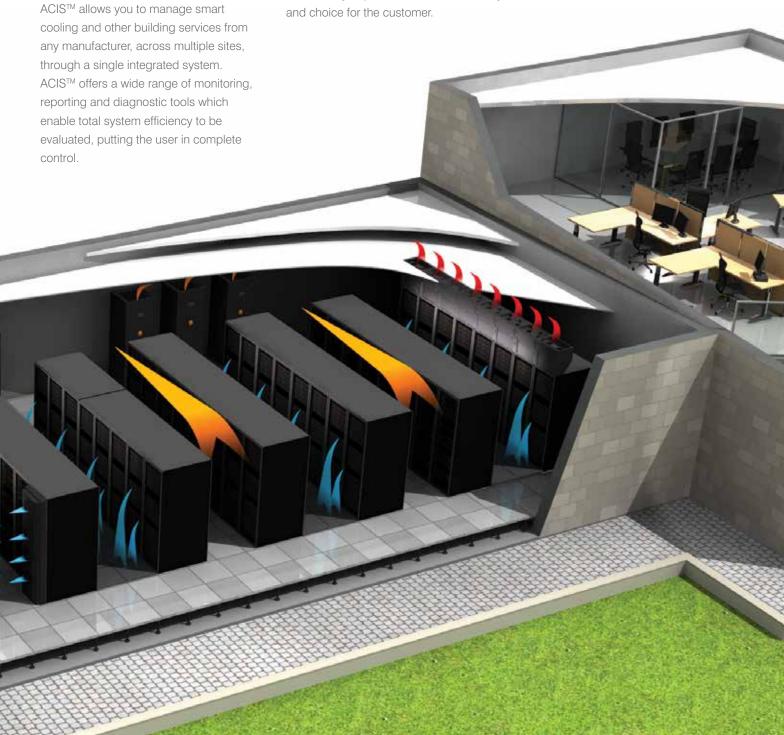
ACIS™, Airedale's exclusive Building Energy Management System is an innovative, scalable and future-proof solution which has been specifically designed to enhance system performance, drive down operational costs and aid decision making for a wide range of building services.

With its simplistic and intuitive interface, ACIS™ allows you to manage smart cooling and other building services from any manufacturer, across multiple sites, through a single integrated system. ACIS™ offers a wide range of monitoring, reporting and diagnostic tools which enable total system efficiency to be evaluated, putting the user in complete control.

ACIS™ can be used to highlight where potential improvements or energy savings can be made and targeted cost savings can be implemented. ACIS™ products can be retrofitted and wholly integrated into existing BMS or can be customised for specific sites. An extensive range of ACIS™ products are available, with each offering a different level of support and functionality to provide increased flexibility

ACIS™ products include:

- ACIS[™] Lite
- ACIS™ Plus
- ACIS[™] Advanced
- ACIS[™] Energy
- ACIS[™] Utilities
- ACIS[™] Cloud



Specifications at a glance

Energy-saving

- · Electronic expansion valves
- Free-cooling versions enable EER's of up to 80 to be achieved

Optional

 EC fans reduce sound levels and energy consumption

Electrical and Controls

- Advanced controls technology to manage and optimise performance
- Intelligent head pressure control (OFC only)
- HP / LP Transducers and switches
- Compressor envelopes built into controller (OFC only)

Optional

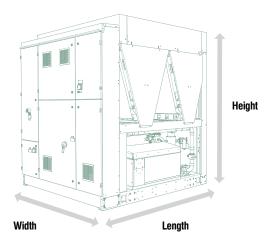
- Power factor correction
- Power monitoring
- Control panel with rain hood and in built light (OFC only)
- Back-up power for safe controls shut down in event of power failure (OFC only)

Mechanical

- Two product ranges, air cooled and freecooled
- Two efficiency options, High Efficiency and High Efficiency Plus
- OptiChill™ (OPC) 500 1140kW
- OptiChill[™] Free-Cool (OFC) 750 1330kW
- 52 standard models
- 200+ Free-Cooling models
- 11 case sizes
- Designed and optimised for R134a refrigerant
- Twin screw compressors
- · Dual circuit
- Interlaced coil design (OFC only)
- · High efficiency shell and tube evaporator
- Leak detection (model dependant)
- Optimised for two water temperatures medium and high (OFC only)
- Economiser (option for OFC models)
- Larger surface area free-cooling coil (OFC only)

Optional

- Epoxy coated coils
- Closed transition starting
- Power factor correction
- · Coil guards
- Two height plenums
- Three fan variants, AC fans, EC fans or high air flow EC fans
- Two or three row coil arrangement (OFC only)



Environment

Two sound level variants

Optional

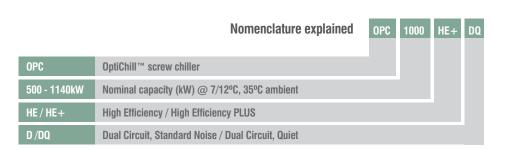
Anti-vibration mounts

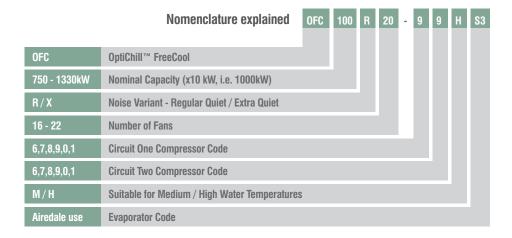
Hydronics

- Evaporator immersion heater
- Evaporator differential pressure control
- Trace heating (OPC only)
- Grooved and clamped type connections

Optional

- Inverter pump options
- Inlet and outlet shut off valves
- Water filter
- Pump interlock
- Flow switch





| Model no. | Nominal cooling (kW) 1 | | EER ² | | ESEER ³ | | Sound pressure @ 10m (dBA) | | Dimensions (H x W x L)(mm) | | Operating weight (kg) | |
|-----------------------|------------------------|------|------------------|------|--------------------|------|-------------------------------|-----|--------------------------------------|---------------------|-----------------------|-------|
| | HE | HE+ | HE | HE+ | HE | HE+ | HE | HE+ | HE | HE+ | HE | HE+ |
| Standard (D) | | | | | | | | | | | | |
| OPC500 (HE / HE+) D | 539 | 558 | 2.96 | 3.05 | 3.93 | 4.02 | 68 | 68 | 2600 x 2200 x 4675 | 2600 x 2200 x 4675 | 5570 | 6010 |
| OPC525 (HE / HE+) D | 565 | 601 | 2.91 | 3.19 | 3.76 | 4.01 | 66 | 66 | 2600 x 2200 x 4675 | 2600 x 2200 x 5675 | 5610 | 6500 |
| OPC550 (HE / HE+) D | 591 | 631 | 2.85 | 3.14 | 3.62 | 3.89 | 63 | 63 | 2600 x 2200 x 4675 | 2600 x 2200 x 5675 | 5620 | 6510 |
| OPC600 (HE / HE+) D | 635 | 662 | 3.06 | 3.14 | 3.82 | 3.93 | 64 | 64 | 2600 x 2200 x 5675 | 2600 x 2200 x 5675 | 6140 | 6550 |
| OPC650 (HE / HE+) D | 691 | 701 | 3.14 | 3.17 | 3.96 | 4.01 | 65 | 65 | 2600 x 2200 x 5675 | 2600 x 2200 x 5675 | 6540 | 6830 |
| OPC700 (HE / HE+) D | 756 | 770 | 3.15 | 3.19 | 3.95 | 3.99 | 65 | 65 | 2600 x 2200 x 7100 | 2600 x 2200 x 7100 | 7500 | 7820 |
| OPC750 (HE / HE+) D | 805 | 824 | 3.00 | 3.05 | 3.86 | 3.93 | 64 | 64 | 2600 x 2200 x 7100 | 2600 x 2200 x 7100 | 7970 | 8300 |
| OPC800 (HE / HE+) D | 849 | 883 | 2.91 | 3.12 | 3.85 | 4.02 | 64 | 64 | 2600 x 2200 x 7100 | 2600 x 2200 x 8100 | 7990 | 8800 |
| OPC850 (HE / HE+) D | 909 | 929 | 2.87 | 3.06 | 3.92 | 4.04 | 64 | 64 | 2600 x 2200 x 7100 | 2600 x 2200 x 8100 | 8300 | 8810 |
| OPC900 (HE / HE+) D | 969 | 986 | 2.96 | 3.10 | 3.82 | 3.92 | 65 | 65 | 2600 x 2200 x 8100 | 2600 x 2200 x 9100 | 8870 | 9390 |
| OPC950 (HE / HE+) D | 1009 | 1043 | 2.88 | 3.12 | 3.65 | 3.82 | 66 | 67 | 2600 x 2200 x 8100 | 2600 x 2200 x 10100 | 8960 | 9940 |
| OPC1000 (HE / HE+) D | 1075 | 1090 | 3.01 | 3.13 | 3.78 | 3.86 | 66 | 66 | 2600 x 2200 x 9100 | 2600 x 2200 x 10100 | 9460 | 9970 |
| OPC1100 (HE / HE+) D | 1121 | 1137 | 3.01 | 3.13 | 3.81 | 3.90 | 66 | 66 | 2600 x 2200 x 9100 | 2600 x 2200 x 10100 | 9460 | 10000 |
| Quiet (DQ) | | | | | | | | | | | | |
| OPC500 (HE / HE+) DQ | 534 | 565 | 2.89 | 3.16 | 3.98 | 4.21 | 61 | 61 | 2600 x 2200 x 5675 | 2600 x 2200 x 7100 | 6500 | 7360 |
| OPC525 (HE / HE+) DQ | 560 | 595 | 2.82 | 3.10 | 3.81 | 4.03 | 60 | 60 | 2600 x 2200 x 5675 | 2600 x 2200 x 7100 | 6530 | 7440 |
| OPC550 (HE / HE+) DQ | 585 | 625 | 2.76 | 3.05 | 3.66 | 3.90 | 57 | 57 | 2600 x 2200 x 5675 | 2600 x 2200 x 7100 | 6570 | 7460 |
| OPC600 (HE / HE+) DQ | 611 | 653 | 2.74 | 3.03 | 3.70 | 3.94 | 58 | 58 | 2600 x 2200 x 5675 | 2600 x 2200 x 7100 | 6570 | 7460 |
| OPC650 (HE / HE+) DQ | 637 | 683 | 2.71 | 3.03 | 3.72 | 3.97 | 59 | 59 | 2600 x 2200 x 5675 | 2600 x 2200 x 7100 | 6580 | 7460 |
| OPC700 (HE / HE+) DQ | 744 | 758 | 3.01 | 3.06 | 3.94 | 3.98 | 59 | 59 | 2600 x 2200 x 8100 | 2600 x 2200 x 8100 | 8420 | 8710 |
| OPC750 (HE / HE+) DQ | 793 | 823 | 2.87 | 3.06 | 3.84 | 4.01 | 59 | 59 | 2600 x 2200 x 8100 | 2600 x 2200 x 9100 | 8910 | 9680 |
| OPC800 (HE / HE+) DQ | 851 | 867 | 2.80 | 2.96 | 3.87 | 3.99 | 59 | 59 | 2600 x 2200 x 8100 | 2600 x 2200 x 9100 | 9210 | 9680 |
| OPC850 (HE / HE+) DQ | 895 | 926 | 2.72 | 3.01 | 3.89 | 4.11 | 58 | 58 | 2600 x 2200 x 8100 | 2600 x 2200 x 10100 | 9220 | 10180 |
| OPC900 (HE / HE+) DQ | 950 | 978 | 2.79 | 3.02 | 3.79 | 3.97 | 60 | 60 | 2600 x 2200 x 9100 | 2600 x 2200 x 11100 | 9780 | 10750 |
| OPC950 (HE / HE+) DQ | 987 | 1020 | 2.71 | 2.94 | 3.62 | 3.80 | 61 | 61 | 2600 x 2200 x 9100 | 2600 x 2200 x 11100 | 9860 | 10850 |
| OPC1000 (HE / HE+) DQ | 1049 | 1065 | 2.82 | 2.94 | 3.75 | 3.83 | 61 | 61 | 2600 x 2200 x 10100 | 2600 x 2200 x 11100 | 10390 | 10870 |
| OPC1100 (HE / HE+) DQ | 1094 | 1111 | 2.80 | 2.93 | 3.78 | 3.86 | 61 | 61 | 2600 x 2200 x 10100 | 2600 x 2200 x 11100 | 10420 | 10880 |

- Nominal cooling capacity at 7/12°C water and 35°C ambient temperature.
 EER (Energy Efficiency Ratio) at 7/12°C water and 35°C ambient temperature
 ESEER (European Seasonal Energy Efficiency Ratio) based on Eurovent standard calculation method at 7/12°C water.
- 4) The ESEER data given in this column applies to the HED range featuring optional EC fan. For ESEER data relating to the HED range with AC fan, please contact Airedale.

| Model no. | Nominal cooling (kW) ¹ | EER ² | ESEER ³ | Free-cooling ⁴ (kW) | Free-Cooling EER | Sound pressure @ 10m (dBA) | Dimensions (H x W x L)(mm) |
|-----------------|--------------------------------------|------------------|--------------------|-----------------------------------|------------------|-------------------------------|-----------------------------------|
| OFC076R16-66HS1 | 788 | 3.05 | 3.32 | 612 | 47.23 | 68.1 | 2600 x 2200 x 9850 |
| OFC081R16-76MS2 | 851 | 3.03 | 3.36 | 627 | 31.32 | 68.8 | 2600 x 2200 x 9850 |
| OFC087R18-77HS2 | 896 | 3.00 | 3.28 | 705 | 41.27 | 68.6 | 2600 x 2200 x 10850 |
| OFC091R18-87MS4 | 962 | 2.98 | 3.40 | 721 | 33.64 | 69.6 | 2600 x 2200 x 10850 |
| OFC095R18-88HS4 | 1007 | 2.96 | 3.47 | 732 | 34.67 | 70 | 2600 x 2200 x 11850 |
| OFC099R20-88MS6 | 1048 | 3.00 | 3.38 | 811 | 39.20 | 69.7 | 2600 x 2200 x 11850 |
| OFC104R22-99HS5 | 1127 | 2.94 | 3.47 | 900 | 39.57 | 68.8 | 2600 x 2200 x 12850 |
| OFC108R22-99HS6 | 1171 | 3.00 | 3.42 | 910 | 39.31 | 68.9 | 2600 x 2200 x 12850 |
| OFC119R22-00MS7 | 1233 | 2.70 | 3.03 | 923 | 31.24 | 71 | 2600 x 2200 x 12850 |
| OFC126R22-11MS8 | 1330 | 2.66 | 3.27 | 940 | 28.81 | 73.1 | 2600 x 2200 x 12850 |
| OFC076R16-66MS1 | 788 | 2.99 | 3.35 | 686 | 45.58 | 68.2 | 2600 x 2200 x 9850 |
| OFC082R18-76HS2 | 846 | 3.01 | 3.24 | 779 | 39.43 | 68.4 | 2600 x 2200 x 10850 |
| OFC087R18-77MS2 | 904 | 3.03 | 3.37 | 799 | 40.12 | 68.7 | 2600 x 2200 x 10850 |
| OFC092R20-87HS4 | 956 | 2.98 | 3.40 | 893 | 41.17 | 69.2 | 2600 x 2200 x 11850 |
| OFC095R20-87MS6 | 994 | 3.05 | 3.32 | 906 | 40.68 | 69.3 | 2600 x 2200 x 11850 |
| OFC099R20-88HS6 | 1043 | 3.02 | 3.39 | 922 | 41.82 | 69.8 | 2600 x 2200 x 11850 |
| OFC104R22-99HS5 | 1122 | 2.90 | 3.41 | 1026 | 41.72 | 68.9 | 2600 x 2200 x 12850 |
| OFC108R22-99HS6 | 1167 | 2.96 | 3.36 | 1039 | 41.60 | 69 | 2600 x 2200 x 12850 |
| OFC119R22-00MS7 | 1229 | 2.66 | 2.98 | 1056 | 33.30 | 71.1 | 2600 x 2200 x 12850 |
| OFC126R22-11MS8 | 1325 | 2.61 | 3.21 | 1077 | 30.73 | 73.2 | 2600 x 2200 x 12850 |
| OFC073X16-66HS1 | 758 | 2.93 | 3.29 | 513 | 47.23 | 64 | 2600 x 2200 x 9850 |
| OFC076X20-66MS1 | 786 | 3.12 | 3.52 | 631 | 69.08 | 63.9 | 2600 x 2200 x 11850 |
| OFC081X20-76HS2 | 832 | 3.07 | 3.33 | 640 | 49.58 | 63.7 | 2600 x 2200 x 11850 |
| OFC085X20-77MS2 | 888 | 3.07 | 3.47 | 651 | 49.27 | 63.6 | 2600 x 2200 x 11850 |
| OFC091X22-87HS4 | 940 | 3.02 | 3.49 | 718 | 78.24 | 62.9 | 2600 x 2200 x 12850 |
| OFC093X22-87MS6 | 973 | 3.08 | 3.39 | 725 | 47.74 | 62.9 | 2600 x 2200 x 12850 |
| OFC101X22-99HS5 | 1089 | 2.82 | 3.44 | 744 | 48.36 | 63.6 | 2600 x 2200 x 12850 |
| OFC104X22-99HS7 | 1125 | 2.89 | 3.48 | 750 | 48.64 | 63.6 | 2600 x 2200 x 12850 |
| OFC073X16-66HS1 | 751 | 2.87 | 3.22 | 563 | 50.35 | 64 | 2600 x 2200 x 9850 |
| OFC080X18-76MS2 | 818 | 2.95 | 3.34 | 641 | 50.81 | 63.8 | 2600 x 2200 x 10850 |
| OFC084X18-77HS2 | 856 | 2.85 | 3.20 | 649 | 51.24 | 63.6 | 2600 x 2200 x 10850 |
| OFC085X20-77MS2 | 880 | 3.01 | 3.40 | 718 | 50.95 | 63.6 | 2600 x 2200 x 11850 |
| OFC092X20-87HS6 | 945 | 2.94 | 3.28 | 733 | 51.96 | 62.9 | 2600 x 2200 x 11850 |
| OFC098X22-88HS6 | 1013 | 2.98 | 3.41 | 813 | 52.09 | 62.1 | 2600 x 2200 x 12850 |
| OFC101X22-99HS5 | 1079 | 2.77 | 3.38 | 827 | 52.37 | 63.6 | 2600 x 2200 x 12850 |
| OFC104X22-99HS7 | 1115 | 2.82 | 3.41 | 833 | 52.66 | 63.6 | 2600 x 2200 x 12850 |

All data relates to units fitted with EC fans.

- Nominal cooling capacity at 10/15°C water 20% ethylene glycol and 35°C ambient temperature
 EER at 10/15°C water 20% ethylene glycol and 35°C ambient temperature based on TOTAL input power of compressors and fans
- 3) ESEER based on standard Eurovent calculation method
- Free-cool capacity at 15°C return water 20% ethylene glycol and 3°C ambient temperature
 5) Free-cooling EER at 15°C return water; 20% ethylene glycol; 3°C ambient temperature and based on TOTAL input power of fans. Free-cooling is available for up to 95% of the year

Performance tested

Airedale chillers in action

University of Portsmouth – PUE of 1.14

The University of Portsmouth is ranked amongst the top 400 universities in the world and the leading modern university in the UK, according to the Times Higher Education World University Rankings.



With the addition of a new £2.25m data centre, the University had a requirement for a high density, energy efficient cooling system. Working in conjunction with Sudlows, Airedale delivered a complete, integrated cooling solution with high performance systems and advanced controls, that offers the University total control of its entire data centre, enables significant energy savings and a projected PUE level of 1.14 (load dependent).

Airedale solution:

- 2 x 34kW SmartCool™ CW
- 35 x OnRak™
- 2 x 500kW DeltaChill™ FreeCool
- 1 x chiller sequence manager/secondary pump controller
- ACIS™ Building Energy Management System
- Airedale commissioning and on-going preventative maintenance contract

"

The new data centre is built around cuttingedge design with Airedale's systems very much at its core. This is an excellent facility that the University can rely upon to deliver world class academic support and research development.

James Holland, Network & Security Services Manager Information Services, University of Portsmouth.

Custodian Data Centre

Working in partnership with Custodian Data Centre, Airedale designed and built an intelligent, energy efficient data centre cooling solution that significantly reduces the need for mechanical cooling and provides fresh air free-cooling for up to 80% of the year.



Airedale was selected for its ability to design and integrate control logic across multiple protocols, hardware and systems and for its pioneering free-cooling technology and high specification chillers. With a system using direct fresh air in a data centre cooling environment, Airedale software is also critical in ensuring temperature set point and humidity are maintained.

Airedale's solution effectively controls the Air Handling Units (AHUs), Airedale free cooling chillers and legacy Building Management System (BMS). PUE figures below 1.15 are regularly achieved, meaning that for every 1kW of power used by equipment hosted in the data centre, 0.15kW of power is required to operate all related areas of infrastructure.

Airedale solution:

- 2 x 30 to 450kW Ultima™ Compact Chillers
- 1 x 75 to 450kW Ultima[™] Compact FreeCool Chiller
- ACIS™ Building Energy Management System
- Airedale commissioning and on-going preventative maintenance contract.

"

Airedale provided us with a fast, reliable and most importantly bespoke solution. From initial business to present day they have provided us with continuous support.

Robert Williams
Technical Director

"

Total support

Whenever you need it

At Airedale, we don't just manufacture and supply cooling and refrigeration products; we also provide a broad range of supporting services to ensure our customers receive the best possible aftersales care.

With more than 40 years' experience in business critical cooling, investing in an Airedale cooling or refrigeration solution means that you can benefit from our advice, expertise and technical support too. From design and selection, through to commissioning and beyond, we make sure your system reduces your total cost of ownership, whilst providing maximum availability and longevity.

Service plansMaximising your system's effectiveness 24/7



An Airedale service plan provides a planned, preventative maintenance package to sustain the optimum efficiency of your system, enabling the user to see real savings in energy costs and reduced carbon emissions.

With Airedale, you can rest assured that help is never far away. Our 24/7 emergency helpline and call out service is available 365 days of the year, ensuring that we are always on hand to provide expert advice and immediate help, day or night.

A guaranteed emergency response time means that a qualified Airedale engineer will be with you in no time, therefore maximising your system's uptime. Service plans also ensure F Gas compliance and incorporate a full parts and labour warranty for the first 12 months.

For more information visit www.airedale.com

* For customers outside the UK, our international distributors trained by Airedale would be pleased to offer service on Airedale units





Talk directly with an experienced engineer

Find out how we design our systems to reduce your whole life costs. Our highly experienced engineers are adept at tailoring our systems to suit your requirements.

+44 (0)113 239 1000





Have complete control of your site

Customers with critical sites can benefit from our remote monitoring facility. Aftersales services include chiller sequencing, network setup and integration as well as a live demonstration and training centre at our head office.





24/7 support; maintenance and spares

Immediate help on hand to keep your critical cooling system operational. Realise the full potential of your system; improve its longevity and efficiency and be F Gas compliant. Avoid downtime with our fast, efficient spares service





Develop your skills

Learn more about your cooling system by attending an air conditioning and refrigeration course in our purpose-built training school. Train on high-tech cooling systems and fully operational rigs in our dedicated workshops. Industry recognised courses also available. Email training@airedale.com for further details.























