

All Seasons Hire

HEATING & COOLING SPECIALISTS

PART OF **HSS Hire**

**BOILERS
CHILLERS
AIR CONDITIONING
HEATING
SERVICES**

0800 082 8001
allseasonshire.com



Safety / Value / Availability / Support

All Seasons Hire
HEATING & COOLING SPECIALISTS
PART OF **HSS Hire**

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Disclaimer:

Specifications stated are indicative only and exact specifications shall be agreed on confirmation of order by All Seasons Hire Limited

Welcome to All Seasons Hire

Your Heating and Cooling Specialists

A leader in temporary heating and cooling, All Seasons Hire part of the HSS Hire Group provide a range of Heating, Ventilation and Air Conditioning equipment and services which come complete with specialist technical expertise.

Expert Staff and Nationwide Delivery

With a fast and friendly service, we'll deliver on time every time to any location in the UK and if you need a site visit we're happy to visit and help you decide on the most effective and cost efficient solution. All engineers, as well as installation and commissioning specialists, are highly trained and fully certified.

Specialist Equipment

Our hire fleet encompasses a comprehensive range of options for heating and cooling solutions of any size. This is supported by ancillary equipment to enable us to provide a package for even the most technically demanding applications. All Seasons Hire also operate a development and fabrication plant at the head office location to provide specialist bespoke equipment.

Have a look through this catalogue for our full range, visit allseasonshire.com or call 0800 082 8001 for more information.

We look forward to working with you.

Matt Adams
Managing Director

National Coverage

Nationwide Delivery

All Seasons Hire deliver air conditioning, chillers, boilers, heaters and all other heating and cooling products across the UK; we always respond in line with our customers expectations and aim to be on time every time anywhere in the UK.

Call us free on 0800 082 8001 and our expert team will do the rest.

We can give you advice on any heating or cooling problem, if you need a site visit we are happy to meet on site and help to decide on the most effective, cost efficient solution. We have highly trained cooling and heating engineers as well as installation and commissioning specialists.

All Seasons Hire have one of the widest ranges of cooling and heating hire equipment available in the UK; we are capable of delivering solutions to a wide range of business sectors including:

- Offices and all other commercial facilities
- Air conditioning and heating contractors
- M&E contractors
- Shop Fitters
- Retail shops, showrooms, banks and building societies
- Hotels, pubs, sports & leisure centres
- Hospitality, concerts, weddings, parties and all other indoor and outdoor events
- Doctors, dentists and vet surgeries
- Utilities
- Government offices and facilities
- The construction and building industry
- Civil engineering
- Garages and repair workshops
- Manufacturing, factories, warehousing and distribution facilities
- Computer and telephony communication rooms
- High-tech clean rooms
- Farming facilities and outbuildings
- Schools, colleges and universities
- Hospitals and clinics
- Temporary buildings and portable cabins
- Medical and research institutions
- Pharmaceutical and petrochemical plants
- Food processing, beverage bottling and distilling
- Facilities management and maintenance providers
- AD Plants

Comprehensive Product Range

All Seasons Hire provides the widest range of cooling and heating equipment at very competitive hire rates. Our simple to use product guide is designed to help you identify the equipment that you need, it includes technical details and some simple to follow calculations to help with the size of equipment required.

If you have any questions simply call us free on 0800 082 8001 and one of our expert team members will direct you to the exact solution.

Our range of portable products for hire includes:

- Exhaust tube portable air conditioners
- Water cooled split air conditioning
- Evaporative coolers
- Fully installed air conditioning
- Process chillers
- Low temperature chillers
- Air conditioning chillers
- Portable electric heating
- Portable gas heating
- Portable oil heating
- Packaged oil fired boiler plant rooms
- Packaged gas fired boiler plant rooms
- Portable electric boilers
- Air handling units
- Fan coils
- Ventilation
- Commercial refrigeration

If you have any other hire requirement including;

- Tool Hire
- Training
- Power and Generation
- Pumps
- Access Equipment
- Construction and Ground Care

simply call us and we will put you in touch with one of our business partners with the relevant skills and products.

Markets We Serve

At any given time you'll find our equipment working in diverse locations across the UK

All Seasons Hire work with a wide range of business sectors. Our cooling and heating hire customers include:

- Facilities management and building services
- IT, communications and server hosting sites
- HVAC contractors
- Hospitals and health care
- Business: offices, meeting rooms and entire buildings
- Retail: from shopping centres to high street chains, out of town stores, car showrooms and independent retailers
- Building and construction
- Transport, logistics and distribution
- Manufacturing and industry
- Film, television, media and publishing
- Food and beverage processing and packaging
- Pharmaceuticals
- Education
- Central and local government
- Hotels, resorts and restaurants
- Conference centres, exhibitions and outdoor events
- Sports, leisure and entertainment
- Corporate hospitality and events
- Oil and gas, petrochemicals and refineries
- Civil engineering
- Agriculture
- Warehousing and stores
- Workshops and garages
- Criminal justice system

Contingency Plans

Why Have A Contingency Plan?

- Protection of equipment critical to operations
- Minimise downtime, avoid financial penalties
- Know exactly what to do in case of breakdown
- Have a single contact point for getting back up and running
- Know the costs of temporary equipment in advance of any problems
- Sites are prepared in advance of any temporary requirement
- Forms an important part of your disaster recovery plan
- Be ready for unforeseen interruption to your mains gas supply.
 - Prepare for unexpected impacts of legislation.
 - Outdated equipment that no longer meets regulations
 - F Gas legislation meaning leaks cannot be repaired
 - Boiler equipment condemned due to Gas Safe/OFTEC
- Avoid long lead times on replacement parts (shutdowns)
- Ideal for locations where mains gas supply may be unreliable or affected by other works

Contingency Plan Inclusions:

- Full site survey
- Assessment of single points of failure
- Site specific risk and method statement
- Review of enabling works required
- Quotation for contingency equipment
- Preferential discounted hire rate
- Full Contingency Plan documentation
- 3 year cover
- 1 week hire refund



Contingency Plans

Optional Extras:

Enabling Works – ASH install the water & power connections required

Critical Site Contingency – Equipment can be permanently positioned on site. Costs charged monthly, with reduced hire rates.

Fuel Management – Full fuel management service available using fuel telemetry system provided on all All Seasons Fuel tanks.

Process:

- Full Site Survey
- ASH experts specify equipment & assess specific site requirements
- Contingency plan documentation is supplied by email & post. Including quotation for costs if contingency is activated.
- Enabling works completed, managed by ASH as an optional extra

To activate your contingency plan:

- In hours 0800 0828001, out of hours 07920 483 758
- Quote unique contingency plan reference number
- Purchase order or letter of intent must be received before equipment can be released for delivery. Can be submitted in advance.



Damage Waivers

Add on Some Peace of Mind

Damage Waiver and Damage Waiver Plus are services designed to protect our customers from charges that may arise in the event of damage, loss or theft of All Season's Hire equipment whilst on hire. Customers are not obliged to take out either service, and in certain circumstances Damage Waiver and Damage Waiver Plus will not be available.

Damage Waiver

Damage Waiver is charged at 10% of the overall hire rate of equipment on hire. Where a customer has opted to pay for Damage Waiver, All Season's Hire will waive any cost of repairing accidentally damaged equipment.

Damage Waiver Plus

Damage Waiver Plus is charged at 15% of the overall hire rate of equipment on hire. Where a customer has opted to pay for Damage Waiver Plus, All Season's Hire will waive any cost of repairing accidentally damaged equipment and/or any cost for loss or theft of the equipment up to the value of £5,000. Any loss above £5,000 will be the customer's responsibility. In order to qualify for the waiver provided by Damage Waiver Plus the customer must also:

- Be able to demonstrate that reasonable care had been taken to prevent loss
- Report any theft of equipment to the Police and obtain a crime reference number
- Notify HSS within 48 hours of the damage and/or theft.



Damage Waivers T's & C's

Limitations and Exclusions:

Customers are under no obligation to pay for the Damage Waiver or Damage Waiver Plus service, however if a customer chooses not to then they will be liable for 100% of the total cost of repairs for any damage to the equipment on hire. Customers choosing not to pay for Damage Waiver Plus will be liable for 100% of the total replacement cost in the event of loss or theft of the equipment on hire. If the total value of equipment hired is greater than £5,000 then customers are advised to take out plant insurance to protect themselves against liability for accidental damage, loss or theft.

Damage Waiver or Damage Waiver Plus shall not apply, and customers shall remain liable for:

- The first £50 or 20% of the value of the loss (whichever is the greater amount) of any equipment loss claim.
- 50% of any claim for theft of equipment left unattended overnight outside a secure compound or building or stored overnight in a secured vehicle.
- Theft of consumable (resale) goods.
- Loss due to the dishonesty, wilful defect or negligence of any customer's employee, sub-contractor or agent.
- Theft from vehicles where equipment was left visible and unattended.
- Loss of equipment revealed only during an inventory.
- Loss arising from civil disturbance.
- Loss occurring outside the UK and EIRE.
- Damage resulting from tyre punctures and/or replacement due to irreparable tyre damage.
- Damage or loss caused by the Hirer's negligence, damage or breach of the relevant hire contract.
- Damage or loss caused by or contributed to as a result of the misuse, neglect, alteration, mishandling or unauthorised manipulation of equipment by the customer.

Environmental Responsibility

Our Approach

All Seasons are committed to ensuring that our reputation and commitment is continually improved to ensure we over achieve where possible our environmental responsibilities. Our number one target is to work with our suppliers and customers to provide the optimum solution to ensure their needs are best served, whilst also helping to minimise our environmental impact through the hired equipment.

Our Environmental Management System (EMS) provides a policy to ensure we control the environmental impacts of our activities, products and services and to continually improve our environmental performance. In doing this we have achieved and maintained our certification of ISO 14001 by BSI.

Climate change has become the most challenging issue facing us all at the moment and we all need to make changes to reduce greenhouse gases when it comes to business activities. All Seasons solutions are carefully designed to minimise and negative impact we have on our environment, our people and our neighbours. In doing this we can provide not only the most effective solution for our customers but also a robust solution designed to keep any environmental impacts to a minimum.



Environmental Responsibility

Environmental Fee

An environmental fee of 3% of equipment hire is charged to every customer whom All Seasons uses for:

- Specifically designing solutions to minimise any environmental risk (e.g. noise, spills)
- To reduce the impact of specialist costs incurred both direct and indirect maintaining our commitment to operate in an environmentally sound manner. (specialist waste management)
- Proper and safe maintenance of our facilities and cleaning of our equipment
- Dedicated purpose built interceptor managed wash bay in place to manage waste on wash down
- Investment in the latest technology for our fleet to meet new requirements (e.g. All Seasons Remote Monitoring Technology, Fuel Telemetry, Fleet management system.)
- Development costs to investigate & introduce new technologies (less harmful refrigerants)
- Environmental control solutions in all our facilities (e.g. wash bays, bunded oil tanks, recycling)
- Regular technical team training / updates actioned ensuring knowledge and design capabilities are aligned with ISO 14001 (BSI) accreditation
- Technical support with complex projects including Boiler, Chiller, Fuel Telemetry, Oil & Gas applications to provide the best solution for the customer and environment
- Correct disposal of all used service materials, filters, parts, refrigerants and fluids
- Development costs to investigate & introduce new technologies (less harmful refrigerants)
- Continued Professional Development of our staff in environmental management

All Seasons is an industry leader, built upon a reputation for the highest standards of Health, Safety, Environmental & Quality processes and compliance, as well as investment into new designs and technologies. We trust that this provides a great understanding as to where the environmental fee is used to benefit both customer and the environmental, we operate within.

Portable Heaters

Portable Heaters

All Seasons Hire have a huge range of portable heaters, with the perfect solution for whatever heating need you have.

The extensive range of portable heaters includes heaters suitable for almost any environment from construction sites to temporary marquees.

Available powered by a range of fuel types including propane gas, diesel oil, single and three phase electric.

For applications requiring heating and hot water All Seasons Hire can supply portable boilers from 22kw electric units up to 1200kw natural gas and diesel oil fired packaged units.

- A solution for any heating need
- Modern range of portable heaters and boilers
- Nationwide delivery
- Free site survey available
- 24 hour support
- Expert installation engineers



Heating Calculations

Portable Heating Calculations

When selecting the right portable heating solution for you there are several factors that need to be taken into account.

Firstly the volume of the area to be heated needs to be determined, multiply the length x width x height in meters.

Next the required heat rise should be calculated, subtract the ambient temperature from the desired temperature in °C

Now the insulation level of the building needs to be decided upon.

| | |
|--------------------|---------|
| Well insulated | i = 1.2 |
| Average insulation | i = 2.2 |
| Poor insulation | i = 3.0 |
| No insulation | i = 4.0 |

Finally the calculation can be made;

BTU duty required = Volume of area x heat rise x i x 4

Kw duty required = Volume of area x heat rise x i x 4 ÷ 3412

Alternatively an online heating calculator can be found at www.allseasonshire.eu, or you can call 0800 082 8001 for expert advice.

The Type of portable heater that is right for you also needs to be taken into consideration:

Electric heaters

Simple to use heaters, limited duty if three phase power is not available.

Direct Fired Heaters

High capacity units, best suited to large well ventilated areas.

Indirect Fired Oil Heaters

Powerful units, capable of supplying large volumes of clean, warm, dry air.

Electric Heaters

Electric Heaters

Simple to use, cost effective heaters for small to medium sized areas

The All Seasons Hire range of electric heaters includes; oil filled radiators, infrared heaters, fan heaters and industrial three phase units.

Electric heaters are extremely versatile, with most units able to operate from a single standard 13amp plug socket, with more powerful units running on three phase power. The heat given out can be either radiant, infrared or fan ventilated, making electrical heaters suitable for a wide range of applications.

A solution for any heating need

- Modern range of portable heaters and boilers
- Nationwide delivery
- Free site survey available
- 24 hour support
- Expert installation engineers



Electric Heaters

Electric Heater Types

Electric heaters come in a range of types, with different units being ideally suited to various applications

Oil Filled Radiators

Perfect for providing heating to domestic and office areas, these radiators all have an internal thermostat to keep room temperatures at the desired level automatically.

Infrared Heaters

The ideal option for providing spot heating to local areas within large spaces. Infrared heaters heat objects in front of them rather than the air around them, making these units ideal for use in workshops and warehouses.

Fan Heaters

Are a great option for introducing heat to both domestic and industrial environments. The integral fan unit provides a good amount of ventilation ensuring the unit works efficiently, spreading heat to the farthest corners of the room.

Industrial Three Phase Units

Ideal for where electricity is the preferred fuel supply, but a large output of heating duty is needed. These units are extremely tough in design and are perfectly suited to industrial areas. These units must have a three phase electrical supply.



The Slendertherm oil filled electric radiator is the perfect way to introduce supplementary heating for your work place or office this winter. The Slendertherm radiates enough heat to warm a large room economically. The Slendertherm is manoeuvrable and completely controllable through the automatic integrated thermostat and timer, so you can keep warm when and where you like.

| Specifications | |
|-------------------|--------------------|
| Heating Duty | 2.5 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Power Consumption | 3 kW/hr |
| Weight | 20 kg |
| Dimensions | 505 x 477 x 906 mm |
| | |



This infrared heater is perfect for industrial environments, being made of extremely tough plastic. The Warm Glow is perfect for providing localised heating in large areas where conventional space heaters are not suitable.

| Specifications | |
|-------------------|--------------------------|
| Heating Duty | 3 kW |
| Power Supply | 230 V 13 A or 110 V 20 A |
| Power Consumption | 3 kW/hr |
| Weight | 20 kg |
| Dimensions | 505 x 477 x 906 mm |
| | |



The Hot Block 25 is the perfect option for heating smaller rooms, providing maximum heating duty from a standard 230 volt power socket. This heater is perfectly suited to office and domestic use, with the casing staying cool during operation.

| Specifications | |
|-----------------|------------------------|
| Heating Duty | 3 kW |
| Power Supply | 230 V 1 ph 50 Hz 13 A |
| Max Current | 13.6 A |
| Air Volume | 360 m ³ /hr |
| Outlet Diameter | 155 mm |
| Max Duct Length | 5 m |
| Weight | 11 kg |
| Dimensions | 260 x 350 x 360 mm |
| | |



The Hot Block 65 is the perfect option for heating medium rooms, when a three phase power supply is available, providing up to 12 kW of heating duty. The Hot Block 65 can be fitted with a fully automatic thermostat, enabling the unit to maintain the desired temperature in a highly efficient manner.

| Specifications | |
|------------------------|------------------------|
| Heating Duty | 12 kW |
| Power Supply | 400 V 3 ph 50 Hz |
| Max Current | 18 A |
| Air Volume | 600 m ³ /hr |
| Outlet Diameter | 300 mm |
| Max Duct Length | 5 m |
| Weight | 25 kg |
| Dimensions | 360 x 610 x 450 mm |
| | |



The Hot Block 95 is the perfect option for heating large rooms where a three phase power supply is available, providing up to 18 kW of heating duty. The Hot bLock 95 can be fitted with a fully automatic thermostat, enabling the unit to maintain the desired temperature in a highly efficient manner.

| Specifications | |
|-----------------|-------------------------|
| Heating Duty | 18 kW |
| Power Supply | 400 V 3 ph 50 Hz |
| Max Current | 27.2 A |
| Air Volume | 1520 m ³ /hr |
| Outlet Diameter | 300 mm |
| Max Duct Length | 5 m |
| Weight | 32 kg |
| Dimensions | 410 x 470 x 580 mm |
| | |



The Hot Cube 25 is the perfect option for heating smaller rooms, providing maximum heating duty from a standard 230 volt power plug. The heater is safe in operation, with the casing not becoming hot during operation.

| Specifications | |
|--------------------------------|--|
| Heating Duty 3 kW | 3 kW |
| Power Supply 230V 1ph 50Hz | 230 V 1 ph 50 Hz 13 A or 110V 1ph 50Hz |
| Plug Type | 13 A 3 pin or 32A 3 pin |
| Airflow 423 m ³ /hr | 423 m ³ /hr |
| Air Pressure | 80 pa |
| Max Ducting 5m | 5 m |
| Spigot Size | 200 mm |
| Fan Type | Radial |
| Temp Increase (ΔT) | 40°C |
| Noise Level | 45 dBa @ 3 m |
| Weight | 10 kg |
| | |



The Hot Cube packs a hot punch. Small but very powerful, the Hot Cube pushes a huge volume of warm dry air quietly and efficiently. They are great for medium sized rooms and offices, and of course very portable. With Hot Cubes you can be sure to keep the winter chill at bay this year.

| Specifications | |
|------------------------------|-------------------------|
| Heating Duty | 29 kW |
| Power Supply | 400 V 3 ph 50 Hz |
| Plug Type | 32 A 5 pin |
| Airflow | 2034 m ³ /hr |
| Air Pressure | 400 pa |
| Max Ducting | 15 m |
| Spigot Size | 250 mm |
| Fan Type | Backward Curved |
| Temp Increase (ΔT) | 55°C |
| Noise Level | 57 dBa @ 3m |
| Weight | 36 kg |
| Dimensions | 400 x 520 x 570 mm |
| | |



The Hot Cube 420 is a 42 kW industrial fan heater developed to give immense heated air volume with its powerful air moving system, whilst keeping the overall dimensions as modest as possible. The unit's ability to create heated air at a static pressure of 800 pa enables the connection of a run of fixed or flexible ductwork.

| Specifications | |
|------------------------------|-------------------------|
| Heating Duty | 42 kW |
| Power Supply | 400 V 3 ph 50 Hz |
| Plug Type | 63 A 5 pin |
| Airflow | 4000 m ³ /hr |
| Air Pressure | 600pa |
| Max Ducting | 30 m |
| Spigot Size | 500 mm |
| Fan Type | Radial |
| Temp Increase (ΔT) | 60°C |
| Noise Level | 73 dBa @ 3m |
| Weight | 130 kg |
| Dimensions | 700 x 1100 x 1000 mm |
| | |

Direct Vs Indirect Fired Heaters

Direct Fired Heaters

With these heaters, fuel is injected into a combustion chamber, ignited and burnt at a regulated rate, then expelled with the main air-stream to deliver large volumes of heat.

These portable oil and gas heaters are ideal for:

- Factories
- Warehouses
- Loading bays
- Sports halls
- Garages
- Farm buildings
- Churches



Direct fired heaters are not designed for places with limited ventilation or close to combustible materials, like retail showrooms, marquees and some building sites.

Indirect Fired Heaters

Fuel is injected into a gas-tight combustion chamber, ignited and burnt at a regulated rate. This provides large volumes of safe, dry, fume-free heat.

These portable heaters are for locations with limited ventilation or if combustible materials are close by. This makes them ideal for:

- Building sites
- Shops
- Retail and car showrooms
- Exhibition halls
- Marquees
- Factories
- Warehouses
- Garages
- Food preparation areas
- Clothing manufacture
- Sports halls and leisure centres
- Churches
- Agricultural locations



Direct Fired Gas Heaters

Direct Fired Gas

Powerful high capacity natural gas fuelled heaters

Direct fired gas heaters are best used to provide large volumes of warm air in large areas such as warehouses, factories and halls.

Direct fired heaters need to be used in well ventilated areas, as the heating process adds moisture to the air during combustion. Therefore they are not suitable for drying applications or in areas where a rise in humidity may cause damage to stored materials such as paper.

A solution for any heating need

- Modern range of portable heaters and boilers
- Nationwide delivery
- Free site survey available
- 24 hour support
- Expert installation engineers





When you are looking for real heating power for massive areas like breeding farms or greenhouses, Big Brother is the answer. These big, safe, direct-fired gas mobile heaters are strong and very easy to use. They produce huge volumes of warm air, wherever and whenever you need. Big Brother can be controlled thermostatically (supplied separately with 'A' models) so they won't burn up the cash with unnecessary fuel bills.

| Specifications | |
|-------------------------|---------------------|
| Heating Duty | 100 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS4343 |
| Fuel Consumption | 7.9 L/hr |
| Weight | 28 kg |
| Dimensions | 424 x 1060 x 562 mm |
| | |

Direct Fired Oil Heaters

Direct Fired Oil

Powerful high capacity diesel oil fueled heaters

Direct fired oil heaters are best used to provide large volumes of warm air in large areas such as warehouses, factories and halls.

Direct fired heaters need to be used in well ventilated areas, as the heating process adds moisture to the air during combustion. Therefore they are not suitable for drying applications or in areas where a rise in humidity may cause damage to stored materials such as paper.

A solution for any heating requirements

- Modern range of portable heaters and boilers
- Nationwide delivery
- Free site survey available
- 24 hour support
- Expert installation engineers





The Solaris range has been built to withstand virtually all working environments, especially building sites and small to medium size industrial premises. The Solaris is totally manoeuvrable and carries its own fuel supply, which will give you the flexibility to take the heat to wherever it's needed. An indispensable member of the work force.

| Specifications | |
|------------------|--------------------|
| Heating Duty | 28 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS4343 |
| Fuel Consumption | 2.78 L/hr |
| Tank Capacity | 30 L |
| Weight | 31 kg |
| Dimensions | 485 x 860 x 530 mm |
| | |

Indirect Fired Oil Heaters

Indirect Fired Oil

Diesel oil fueled heaters that produce safe, clean, heated air

Indirect fired heaters provide large volumes of clean, warm, dry air for heating large spaces such as halls, marquees and areas where people are present.

This type of heater is also ideally suited to places where ventilation is limited or there is a risk to combustible materials. Indirect fired oil heaters are also suitable for drying buildings during construction or after flooding, as they raise the temperature without raising the relative humidity.

A solution for any heating need

- Modern range of portable heaters and boilers
- Nationwide delivery
- Free site survey available
- 24 hour support
- Expert installation engineers





Whether you work in construction or need to heat and dry any enclosed area, the Meteor is more than up to the job. The heat developed from the stainless steel combustion chamber is clean and fume free due to the heat exchanger. This keeps the exhaust gas and hot air separate, making the Meteor ideal when working in an enclosed area.

| Specifications | |
|-------------------------|---------------------------|
| Heating Duty | 26 kW |
| Power Supply | 110 V or 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS4343 |
| Airflow | 800 m ³ /hr |
| Duct Size | 300 mm |
| Max Duct Length | 5 m |
| Fuel Consumption | 2.59 L/hr |
| Tank Capacity | 46 L |
| Weight | 46 kg |
| Dimensions | 560 x 930 x 625 mm |
| | |



Featuring a heat exchanger with a flue union to expel fumes and have a thermal efficiency of almost 90%. They are widely used in warehouses, horticulture and floriculture, livestock rearing and the building sector, for drying, thawing and heating. For use in closed environments the installation of a small flue connected to the outside ensures that fumes are removed. Indirect combustion space heaters of the EC range are versatile, reliable, easy to use and safe thanks to the safety devices that shut down the machine in the case of malfunctioning.

| Specifications | |
|------------------|-------------------------|
| Heating Duty | 30 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 16 A 3 Pin BS4343 |
| Airflow | 1150 m ³ /hr |
| Duct Size | 300 mm |
| Max Duct Length | 7 m |
| Fuel Consumption | 2.7 L/hr |
| Tank Capacity | 45 L |
| Weight | 48 kg |
| Dimensions | 440 x 1215 x 670 mm |
| | |



The Red Star heaters are the biggest and most powerful indirect fired heaters in our range. Their ability to deliver huge amounts of safe fume-free heat wherever you need is awesome. Not just powerful, the Red Star range is also economical and can be controlled by connection to a separately supplied thermostat. Whether you need to heat a construction site or an enclosed area; the Red Star will definitely keep the cold at bay.

| Specifications | |
|-------------------------|-------------------------|
| Heating Duty | 80 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 16 A 3 Pin BS4343 |
| Airflow | 4300 m ³ /hr |
| Duct Size | 405 mm |
| Max Duct Length | 17 m |
| Fuel Consumption | 7.2 L/hr |
| Tank Capacity | 105 L |
| Weight | 110 kg |
| Dimensions | 690 x 1740 x 1025 mm |
| | |



JUMBO space heaters have been designed for use in small to medium-sized rooms and buildings where a fixed or mobile heating system is required. Heat is produced by combustion and the heat from the smoke is transmitted to the fresh air through the metal walls of the combustion chamber and the heat exchanger. The combustion chamber is of the type where smoke circulates twice.

| Specifications | |
|-------------------------|---------------------------|
| Heating Duty | 152 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 16 A 3 Pin BS4343 |
| Airflow | 10,500 m ³ /hr |
| Duct Size | 600 mm |
| Max Duct Length | 160 m |
| Fuel Consumption | 14.7 L/hr |
| Tank Capacity | External |
| Weight | 250 kg |
| Dimensions | 905 x 1945 x 1330 mm |
| | |



JUMBO space heaters have been designed for use in small to medium-sized rooms and buildings where a fixed or mobile heating system is required. Heat is produced by combustion and the heat from the smoke is transmitted to the fresh air through the metal walls of the combustion chamber and the heat exchanger. The combustion chamber is of the type where smoke circulates twice.

| Specifications | |
|-------------------------|------------------------------------|
| Heating Duty | 198 kW |
| Power Supply | 415 V 3 ph 50 Hz or 230v 1ph 50 Hz |
| Plug Type | 32 A 5 Pin BS4343 |
| Airflow | 12,500 m ³ /hr |
| Duct Size | 700 mm |
| Max Duct Length | 160 m |
| Fuel Consumption | 18.6 L/hr |
| Tank Capacity | External |
| Weight | 360 kg |
| Dimensions | 985 x 2235 x 1500 mm |
| | |



JUMBO space heaters have been designed for use in small to medium-sized rooms and buildings where a fixed or mobile heating system is required. Heat is produced by combustion and the heat from the smoke is transmitted to the fresh air through the metal walls of the combustion chamber and the heat exchanger. The combustion chamber is of the type where smoke circulates twice.

| Specifications | |
|-------------------------|---------------------------|
| Heating Duty | 217 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 16 A 3 Pin |
| Airflow | 17,000 m ³ /hr |
| Duct Size | 700 mm |
| Max Duct Length | 30 m |
| Fuel Consumption | 18.65 L/hr |
| Tank Capacity | External |
| Weight | 351 kg |
| Dimensions | 982 x 2245 x 1584 mm |
| | |



The Radial range are high capacity, easily transportable, compact indirect fired heaters. Featuring overheating protection and temperature limitation of warm air output, for increased safety. The burner is also fitted with a rain cover and a lower tray for oil containment during servicing. A pre-heating chamber ensures that no cold air is blown during start up.

| Specifications | |
|---------------------|-------------------------|
| Heating Duty | 150 kW |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 32 A 3 Pin BS4343 |
| Airflow | 9000 m ³ /hr |
| Back Pressure (max) | 700 mm |
| Outlet | 30 m |
| Flue Connection | 1 m x 200 mm |
| Fuel Consumption | 14.8 L/hr |
| Tank Capacity | External |
| Weight | 385 kg |
| Dimensions | 840 x 2460 x 1510 mm |
| | |



The Radial range are high capacity, easily transportable, compact indirect fired heaters. Featuring overheating protection and temperature limitation of warm air output, for increased safety. The burner is also fitted with a rain cover and a lower tray for oil containment during servicing. A pre-heating chamber ensures that no cold air is blown during start up.

| Specifications | |
|----------------------------|---------------------------|
| Heating Duty | 200 kW |
| Power Supply | 400 V 3 ph 50 Hz |
| Plug Type | 32 A 5 Pin BS4343 |
| Airflow | 13,000 m ³ /hr |
| Back Pressure (max) | 500 Pa |
| Outlet | 600 mm |
| Flue Connection | 200 mm |
| Fuel Consumption | 19.4 L/hr |
| Tank Capacity | External |
| Weight | 425 kg |
| Dimensions | 910 x 2710 x 1520 mm |
| | |

Boiler Hire

All Seasons Boiler Hire

The perfect solution for temporary heating and hot water.

All Seasons boilers come in a variety of sizes and configurations including; packaged, containerised and trailerised and compact. Fuel types can be electric, natural gas or diesel oil.

Our boilers deliver the perfect temporary hot water and heating solution for most environments including:

- Building and construction sites
- Schools
- Hospitals
- Underfloor heating
- Testing and drying garages
- Retail Environments
- Food Preparation
- Manufacturing areas
- Exhibitions
- Sports facilities
- Events and marquees
- Agricultural locations
- Factories and warehouses



Commercial Boiler Hire

When commercial boiler replacement is necessary one simple and cost effective solution is to replace an existing boiler plant room with a new containerised plant room. This method can provide a cost effective solution especially in cases where asbestos causes an issue such as in old boiler plant rooms. Space can also be reduced by installing boiler plant rooms away from the main building area.

All Seasons Hire can provide the perfect self contained commercial boiler plant room solution, tailored for any environment and capable of being individually designed and fully installed in line with current and future site requirements. All Seasons Hire boilers are fully compliant to current regulatory standards.

All Seasons Hire commercial boilers are the perfect solution for replacement plant rooms and are also available for temporary heating and hot water Hire.

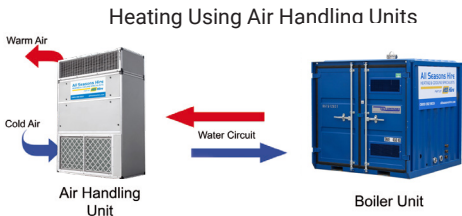
All Seasons Hire boilers come in a variety of sizes and configurations ranging from 22kW to 550kW and above. In some cases two or more boilers can be installed in a single container providing the perfect solution for standby capacity or differences in seasonal heating or hot water demand. Fuel types can be varied and include natural gas or diesel oil. Dual fuel burners can also be installed giving total flexibility.



Boiler Hire for Heating & Hot Water

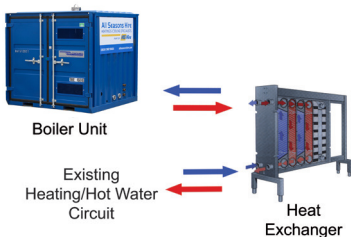
All Seasons Portable boilers can be used to provide heating or hot water and with our dual circuit boilers both can be provided from a single boiler unit.

There are two options when it comes to providing heating from a temporary boiler plant. The first option uses separate Air Handling Units to distribute heated air. For the All Seasons range of air handling units please refer to page 100.



The second option is to connect into the existing heating circuit, usually via a plate heat exchanger. This same method is used to provide hot water from a temporary boiler.

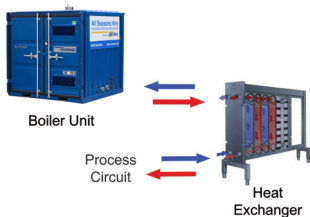
Heating & Hot Water Using Existing System



Boiler Hire for Process & Breakdown

All Seasons Hire boilers can also be used for process heating. However as the boiler itself cannot accept all fluids it is necessary to connect to the process via a heat exchanger. This ensures that the boiler has its own water circuit separate from the process circuit.

Boiler Hire for Process Heating



Breakdown and Planned Maintenance

In the event of a boiler breakdown or planned maintenance a temporary boiler plant from All Seasons Hire can be plumbed into the existing system for the provision of both heating and hot water.

Boiler Hire for Breakdowns





The All Seasons Hire range of electric packaged boilers provide a fast, efficient solution for a wide range of applications from underfloor heating to the provision of domestic hot water. Easily sited, the units are specifically designed for locations not suited to traditional oil or gas fired hire boilers. These units can work in parallel and are either attached directly to the system or through a plate pack.

| Specifications | |
|--------------------------|---------------------|
| Duty | 22 kW |
| Power Supply | 415 V 3ph 50Hz |
| Running Amps | 31 A |
| Plug Type | 32 A 5 Pin |
| Noise Levels | 45 dBa @ 1 m |
| Water Connections | 1" Storz |
| Weight | 50 kg |
| Dimensions | 600 x 550 x 1100 mm |
| | |



The 95kW boiler is a first in the UK market, with a frame designed to fit through a standard doorway. This extremely small footprint enables the unit to be located within existing plant rooms. Despite this units small size it still features a dual circuit, enabling both heating (LTHW) and domestic hot water supplies.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 95 kW 325,000 BTU |
| Power Supply | 240 V 1 ph N+E 50Hz |
| Running Current | 12 A |
| Plug Type | 16 A 3 Pin BS4343 |
| Noise Levels | 45 dBA @ 10 m |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 9.5 L/hr (Oil) |
| Water Connections | 2" Storz |
| Weight | 850kg |
| Dimensions | 700 x 1350 x 1890 mm |
| | |



Housed in a vandal proof sound and thermally insulated steel container this 100kW boiler is the perfect solution for a wide range of heating and hot water applications. With features such as lifting lugs, forklift truck pockets and fast coupling technology it's quick and easy to get up and running. Used in conjunction with our comprehensive range of thermostatically controlled air handling units this boiler is ideal for proving temporary heating in offices, factories and public buildings.

| Specifications | |
|----------------------|---|
| Nominal Cooling Duty | 100 kW |
| Nominal Heating Duty | 200 kW |
| Air Flow | 10,764 m ³ /hr |
| Power Supply | 415 V 3 ph 50 Hz |
| Running Current | 8.6 A |
| Plug Type | 16 A 5 Pin BS4343 |
| Room Air Inlet | Fresh Air Louvre or Return Air (2x600 mm) |
| Max Cold Air Duct | 50 m |
| Cold Air Duct Ø | 600 mm |
| Noise Level | 84 dBA @ 1 m |
| Weight | 650 kg |
| Dimensions | 2225 x 1230 x 1500 mm |
| | |



Housed in a vandal proof sound and thermally insulated steel container this 250kW boiler is the perfect solution for a wide range of heating and hot water applications. With features such as lifting lugs, forklift truck pockets and fast coupling technology it's quick and easy to get up and running. Used in conjunction with our comprehensive range of thermostatically controlled air handling units this boiler is ideal for providing temporary heating in offices, factories and public buildings.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 250 kW 853,000 BTU |
| Power Supply | 240 V 1 ph N+E 50Hz |
| Running Current | 15 A |
| Plug Type | 32 A 3 Pin BS4343 |
| Noise Levels | 45 dBA @ 10 m |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 29 L/hr (Oil) |
| Water Connections | 3" Storz |
| Weight | 2000 kg |
| Dimensions | 2400 x 3000 x 2400 mm |
| | |



The All Seasons Hire packaged boiler system provides a fast efficient solution to a wide range of applications that require hot water. All Seasons Hire packaged boilers are housed in vandal proof sound and thermally insulated steel containers, delivering up to 300 kW per unit from oil red burners. The All Seasons Hire packaged boilers are equipped with lifting lugs positive fork-lift truck pockets for ease of on site location, with fast coupling technology on all essential connections ensuring fast trouble free installation.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 300 kW 1,023,540 BTU |
| Power Supply | 240 V 1 ph N+E 50Hz |
| Running Current | 16 A |
| Plug Type | 32 A 3 Pin BS4343 |
| Noise Levels | 45 dBA @ 10 m |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 34.8 L/hr (Oil) |
| Water Connections | 3" Storz |
| Weight | 2020 kg |
| Dimensions | 2400 x 3000 x 2550 mm |
| | |



Housed in a vandal proof sound and thermally insulated steel container this 500kW boiler is the perfect solution for a wide range of heating and hot water applications. With features such as lifting lugs, forklift truck pockets and fast coupling technology it's quick and easy to get up and running. Used in conjunction with our comprehensive range of thermostatically controlled air handling units this boiler is ideal for providing temporary heating in offices, factories and public buildings.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 500 kW 1,706,000 BTU |
| Power Supply | 415 V 3 ph N+E 50Hz |
| Running Current | 10 A |
| Plug Type | 16 A 5 Pin BS4343 |
| Noise Levels | 45 dBA @ 10 m |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 60 L/hr (Oil) |
| Water Connections | 3" Storz (DHW 2" Storz) |
| Weight | 3000 kg |
| Dimensions | 2400 x 3500 x 2400 mm |
| | |



The All Seasons Hire packaged boiler system provides a fast efficient solution to a wide range of applications that require hot water. All Seasons Hire packaged boilers are housed in vandal proof sound and thermally insulated steel containers, delivering up to 600 kW per unit from oil red burners. The All Seasons Hire packaged boilers are equipped with lifting lugs positive fork-lift truck pockets for ease of on site location, with fast coupling technology on all essential connections ensuring fast trouble free installation.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 600 kW 2,047,080 BTU |
| Power Supply | 415 V 3 ph N+E 50Hz |
| Running Current | 10 A |
| Plug Type | 16 A 5 Pin BS4343 |
| Noise Levels | 45 dBA @ 10 m |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 60 L/hr (Oil) |
| Water Connections | 3" Storz (DHW 2" Storz) |
| Weight 2500 kg | 2500 kg |
| Dimensions | 2400 x 3500 x 2400 mm |
| | |



Housed in a vandal proof sound and thermally insulated steel container this 1200kW boiler is the perfect solution for a wide range of heating and hot water applications. With features such as lifting lugs, forklift truck pockets and fast coupling technology it's quick and easy to get up and running. Used in conjunction with our comprehensive range of thermostatically controlled air handling units this boiler is ideal for proving temporary heating in offices, factories and public buildings.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 1200 kW |
| Power Supply | 415 V 3 ph N+E 50Hz |
| Running Current | 26 A |
| Plug Type | 32 A 5 Pin BS4343 |
| Noise Levels | 46 dBA @ 10 mtrs |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 128 L/hr (Oil) |
| Water Connections | PN16 DN100 |
| Weight (Dry) | 6700 kg |
| Dimensions | 2430 x 6100 x 3100 mm |
| | |



**This is a hightop container

Housed in a vandal proof sound and thermally insulated steel high-top container this 2000kW boiler is the perfect solution for a wide range of heating and hot water applications. With features such as lifting lugs, forklift truck pockets and fast coupling technology it's quick and easy to get up and running. Used in conjunction with our comprehensive range of thermostatically controlled air handling units & heat exchangers this boiler is ideal for proving temporary heating & hot water for district energy systems, public buildings, manufacturing, hotels, housing schemes and leisure facilities.

| Specifications | |
|--------------------------|---------------------------|
| Output Duty | 2000 kW |
| Power Supply | 415 V 3 ph N+E 50Hz |
| Running Current | 45 A +/- 5 |
| Plug Type | 63 A 5 Pin BS4343 |
| Noise Levels | 51 dBA @ 10 m |
| Fuel Type | Diesel Oil or Natural Gas |
| Fuel Consumption | 200 L/hr (Oil) |
| Water Connections | PN16 DN100 / 150 |
| Weight (Dry) | 9750 kg |
| Dimensions | 2430 x 6100 x 3100 mm |
| | |

Heat Exchangers

Plate Heat Exchangers

When cooling or heating a process or fluid the best method of heat transfer is via a heat exchanger. This keeps the process fluid separate from the chilled water or glycol allowing energy to be transferred.

All Seasons Hire address clients specific needs with a range of skid mounted plate heat exchangers. All Seasons Hire will design and build bespoke heat exchanger skids to exactly match clients needs.

We can provide heat exchangers in:

Stainless Steel

Titanium

Non-Ferrous

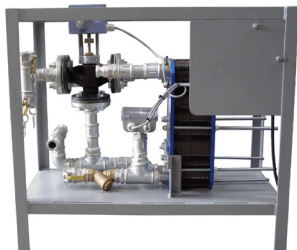
Carbon

Potable Water, Food, Pharmaceutical

Salt Water, Fisheries

MRI Scanners, Laser Cooling

Chemical



Pump Sets

All Seasons Hire's commitment to meeting our customers goes far beyond simply delivering rental cooling and heating units.

We can supply a variety of process and potable water pump sets for hire, either off the shelf or bespoke built to meet our clients exact requirements.

All Seasons Hire can supply the following pumps for hire:

| | |
|-----------------------|--|
| Bronze Pumps | Potable water for Food & Beverage, Domestic Hot Water |
| Stainless Steel Pumps | Food, Pharmaceutical, De-Mineralised Water |
| High Pressure Pumps | Up to 5.5 bar, Plastics, Blow Moulding |
| Hot Water Boost Pumps | Heating Applications |
| Cold Water Boost Sets | Mains Water, Pressure Boost, Hospitals, Schools |
| Inverter Driven Pumps | Variable Temperature, Variable Flow |



Temporary Pipework Solutions

All Seasons Hire can provide a full range of temporary pipework and ancillaries including: manifold sets, low loss headers, tees, air vents, flange and BSP connections as well as pipework in the following sizes:

- 1" Flexible hoses (camlock connections)
- 1¼" Flexible hoses (camlock connections)
- 2" Flexible hoses
- 3" Flexible hoses
- 4" Flexible hoses
- 6" Flexible hoses



Air Conditioning

All Seasons Air Conditioning

All Seasons Hire has one of the UK's largest ranges of portable air conditioning, commercial chillers for air conditioning and process cooling, air handling units and evaporative coolers.



We can deliver to you fast nationwide. We will help you to determine which portable air conditioner, or chiller hire unit is best for your cooling application. All Seasons Hire can air condition and cool down any environment from large server rooms to small offices.

Air conditioning and chiller hire from All Seasons Hire is the perfect choice for seasonal climate changes. Air conditioner breakdown, building refurbishment, air conditioning maintenance, or business expansion can all be managed using air conditioning and chiller hire. Disaster recovery can also be covered using temporary air conditioning and chiller hire.

We supply all business sectors with portable air conditioning, dehumidification, commercial refrigeration, industrial cooling, commercial chiller hire and temporary boiler hire. Our wide experience in the air conditioning and chiller hire market means that we understand our customers needs.

Air Conditioning

All Seasons Hire air conditioning hire will provide you with the very latest in environmentally friendly portable air conditioners, chillers, air handling units, fan coils and evaporative cooling units.

Air conditioning single rooms, cooling down multiple offices or keeping critical environments such as server rooms at the right temperature is what we do best. All Seasons Hire air conditioning and chiller hire can be delivered fast to any UK location. Our expert sales engineers are ready to respond fast and deliver instant portable air conditioning hire to all major cities including; air conditioning hire London, air con hire Birmingham, air conditioner hire in Manchester, air conditioning hire in Glasgow, air con hire in Portsmouth.

We provide pre-installation site surveys ensuring that the perfect portable air conditioning solution is installed, including exhaust tube portable air conditioners, portable split air conditioning, evaporative cooling. For larger more specialist applications, All Seasons Hire can supply chiller hire.

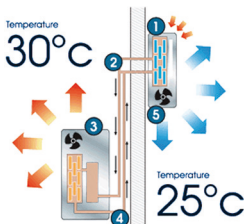
Our portable chiller rental services range from 5kw to 550kw. Our rental chillers can deliver air conditioning or process cooling solutions in all environments.



Air Conditioning

How Air Conditioning Works

The principle of air conditioning is to absorb energy in one place and release it in another place



The process requires an indoor unit, an outdoor unit and copper piping to connect both. Through the piping the refrigerant gasses flow from the indoor unit to the outdoor unit. The refrigerant gas absorbs the energy in one unit and releases it in the other. In portable exhaust tube air conditioners this process is condensed into a single unit.

A Simple Explanation of the Air Conditioning Process

In the indoor unit a fan blows the warm air over a heat exchanging coil where the cold refrigerant gas flows. The cold refrigerant absorbs the heat from the warm air and cool air is blown into the room. The refrigerant gas circulates through the indoor unit, copper piping then takes the heat from the indoor unit to the outdoor unit. Through compression, the refrigerant gas is heated and its boiling point increases.

In the outdoor unit the heat created through compression is released to the outdoor air by means of a fan which blows the outdoor air over a heat exchanging coil. The liquid refrigerant flows back to the indoor unit where the refrigerant is decompressed which enables it to extract heat from the indoor air.

Portable Air Conditioning

Portable Air Conditioner Types

There are 3 principal types of portable air conditioners available for hire from All Seasons Hire.

Each environment requiring portable air conditioning is different and therefore careful consideration needs to be made prior to choosing the best air conditioning solution for you.

All Seasons Hire will be pleased to help, give advice and answer any questions regarding your portable air conditioning needs. You can contact our experts on 0800 082 8001

The basic choice can be made from one of the following

Exhaust tube air conditioners

These portable air conditioning units remove the heat produced by the refrigeration circuit via exhaust tubes. Ideally the exhaust tube is directed out of an adjacent window, however in some circumstances the heat can be removed via a suitable ceiling void or other unused space.

Water cooled split air conditioners

Split type air conditioning units are connected to external heat exchange units, these outdoor units remove the heat produced by the indoor refrigeration circuit. This means that the heat release point can be up to 30 meters from the indoor air conditioning unit.

Evaporative coolers

These units provide cooling through the simple evaporation of water. In many environments these units provide a cost effective means of cooling an area.

Portable Air Conditioning

Portable Air Conditioning Calculations

When selecting the right portable cooling solution for you there are several factors that need to be taken into account.

Firstly the volume of the room to be cooled needs to be determined, multiply the length x width x height in feet.

Next multiply this volume by 6, we will call this number C1

Now estimate the number of people that usually occupy the room. Each person creates about 500 BTU/hr of heat. Multiply the number of people in the room by 500, we will call this number C2.

Finally the calculation can be made;

$$\text{BTU duty required} = C1 + C2$$

$$\text{Kw duty required} = C1 + C2 \div 3412$$

An online calculator can be found at www.allseasonshire.eu, or you can call 0800 082 8001 for expert advice.

Also to be taken into consideration:

If there are large windows letting direct sunlight into the room this can greatly increase the amount of cooling duty needed

The amount of cooling duty needed will also be increased by heat generating equipment such as computers and printers

Exhaust units have a ducting length of between 1.8m and 10m

Split type units can have a maximum of 30m between indoor and outdoor units

All units must be placed where there is no obstruction to ventilation

There must be an adequate 230v electrical supply

Exhaust Tube Air Conditioning

Exhaust Tube Air Conditioners

Exhaust tube units provide a simple, easy to install air conditioning option

These air conditioners remove heat produced by the refrigeration circuit via exhaust tubes. Ideally the exhaust tube is directed out of an adjacent window, however in some circumstances the heat can be removed via a suitable ceiling void or other unused space.

Each model and size of exhaust tube air conditioner is capable of different performance, with some models being well suited for differing applications such as:

- Room air conditioning
- Server room cooling
- Telephony communications room cooling
- Warehouse temperature control
- Shop and bank air conditioning
- Food production and storage temperature control





The Coolair 14 is a very popular portable air-conditioner. Small and compact, this model unit has a smart modern look and is very easy to install and use, despite its size it produces a very powerful 4.1kW (14000 BTU) of portable air-conditioning, it also has a fully automatic thermostat and comes complete with a remote control.

| Specifications | |
|----------------------------|------------------------|
| Cooling Duty | 4.1 kW 14,000 BTU |
| Airflow | 360 m ³ /hr |
| Cooled Area Typical | 99 m |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 9 A |
| Plug Type | 13A 3 Pin BS1363 |
| Power Consumption | 1.8 kW/hr |
| Noise Level | 56 dBA @ 1 m |
| Control | Automatic Thermostat |
| Exhaust Duct | 2000 x 127 mm |
| Weight | 45 kg |
| Dimensions | 480 x 400 x 840 mm |
| | |



Perfect for office environments the Coolair 15 is a compact and easy to install unit. The integral condensate tank means that no water drainage pipe needs to be installed making placement of the air con unit incredibly easy.

| Specifications | |
|----------------------------|------------------------|
| Cooling Duty | 4.4 kW 15,000 BTU |
| Airflow | 550 m ³ /hr |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 1.6 kW/hr |
| Noise Level | 55 dBA @ 3 m |
| Control | Automatic Thermostat |
| Humidity Extraction | 3.5 L/hr |
| Weight 54 kg | 54 kg |
| Dimensions | 500 x 460 x 1175 mm |
| | |



A Highly efficient unit capable of producing large volumes of cooled air the Coolbreeze 15E with its sturdy design is suitable for use in almost any environment. The slimline design means that sometimes it is the only unit that can be appropriately positioned in tight environments.

| Specifications | |
|------------------------------------|------------------------------|
| Cooling Duty | 4.5 kW 15,350 BTU |
| Airflow | 535 - 800 m ³ /hr |
| Cooled Area Typical | 97 m |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 7.6 A |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 1.75 kW/hr |
| Noise Level | 57 dBA @ 3 m |
| Control | Automatic Thermostat |
| Exhaust Duct | 2500 x 140 mm |
| Maximum Exhaust Duct Length | 5m |
| Weight | 95 kg |
| Dimensions | 695 x 485 x 954 mm |
| | |



The Coolbreeze 20E is a very flexible air conditioning unit, suitable for room air conditioning, process cooling and spot cooling. Flexible cold air ducting can be connected to the unit making it possible to locate the unit away from where the cooling is needed.

| Specifications | |
|---------------------------------|-------------------------|
| Cooling Duty | 5.9 kW 20,000 BTU |
| Airflow | 1885 m ³ /hr |
| Cooled Area Typical | 59 m |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 1.9 kW/hr |
| Noise Level | 60 dBA @ 1 m |
| Control | Automatic Thermostat |
| Exhaust Duct | 150 mm |
| Max Exhaust Duct Length | 10 m |
| Max Cold Air Duct Length | 10 m |
| Weight | 60 kg |
| Dimensions | 1080 x 530x 690 mm |
| | |



The Coolbreeze 20E is a very flexible air conditioning unit, suitable for room air conditioning, process cooling and spot cooling. Flexible cold air ducting can be connected to the unit making it possible to locate the unit away from where the cooling is needed.

| Specifications | |
|---------------------------------|-------------------------|
| Cooling Duty | 7.9 kW 27,000 BTU |
| Airflow | 1885 m ³ /hr |
| Cooled Area Typical | 79 m |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 2.7 kW/hr |
| Noise Level | 70 dBA @ 1 m |
| Control | Automatic Thermostat |
| Exhaust Duct | 200 mm |
| Max Exhaust Duct Length | 10 m |
| Max Cold Air Duct Length | 10 m |
| Weight | 70 kg |
| Dimensions | 530 x 690 x 1400 mm |
| | |



The Coolbreeze 35E portable air conditioner delivers 10.25kW (35,000BTU) of cooling power. Probably the most powerful unit that works reliably off a 13A UK circuit. It is a very efficient and extremely well built portable air conditioning unit. It is easy to use, robust and portable unit capable of producing large volumes of cool air. Due to its immense air moving system the unit is capable of working and cooling at almost any remote location – making it probably the most versatile unit currently available in the U.K.

| Specifications | |
|--------------------------------|-------------------------|
| Cooling Duty | 10.25 kW 35,000 BTU |
| Airflow | 1885 m ³ /hr |
| Cooled Area Typical | 79 m |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 12 A |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 2.7 kW/hr |
| Noise Level | 70 dBA @ 1 m |
| Control | Automatic Thermostat |
| Exhaust Duct | 300 mm |
| Max Exhaust Duct Length | 10 m |
| Weight | 70 kg |
| Dimensions | 670 x 960 x 1200 mm |

Split Type Air Conditioning

Split Type Air Conditioners

Powerful and highly efficient air conditioning units

Split type air conditioning units are connected to external heat exchange units. These outdoor units remove the heat produced by the indoor refrigeration circuit.

All Seasons Hire use only the highest quality water cooled split units enabling the indoor air conditioning unit to be separated from the external heat exchanger unit by up to 30 meters.

Each model and size of split type air conditioner is capable of different performance, with some models being well suited for differing applications such as:

- Room air conditioning
- Server room cooling
- Telephony communications room cooling
- Warehouse temperature control
- Shop and bank air conditioning
- Food production and storage temperature control





The Cool Breeze 15P portable air-conditioner delivers a powerful 4.4kW (15,000BTU) of cooling power. This unit is a very efficient water-cooled Split portable air-conditioner. There are two parts to this model, the room unit and the external condenser unit. The two units are connected by a flexible hose. By connecting to multiple hoses the smaller condenser unit can be placed up to 30 metres from the room unit.

| Specifications | |
|--------------------------------|-------------------------|
| Cooling Duty | 10.25 kW 35,000 BTU |
| Airflow | 1885 m ³ /hr |
| Cooled Area Typical | 79 m |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 12 A |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 2.7 kW/hr |
| Noise Level | 70 dBA @ 1 m |
| Control | Automatic Thermostat |
| Exhaust Duct | 300 mm |
| Max Exhaust Duct Length | 10 m |
| Weight | 70 kg |
| Dimensions | 670 x 960 x 1200 mm |



The CoolBreeze 25B is designed in such a manner to allow the heat that is removed from the environment (room) concerned to be absorbed by water and returned in a continuous operation. This system has the advantage of being a “pure” air conditioning unit where there is no condenser de-rating effect and the medium used for transfer is normal water, not refrigerant, so there is no “non-green” effect. An added benefit is that the water pipes are flexible and small and therefore can be easily used up to 35 metres (approx 100 feet).

| Specifications | |
|-------------------------------|-------------------------|
| Cooling Duty | 7.3 kW 25,000 BTU |
| Airflow | 1450 m ³ /hr |
| Operating Range | 10°C - 40°C |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 11 A |
| Plug Type | 13 A 3 Pin BS1363 |
| Noise Levels (indoor) | 60 dBA @ 4 m |
| Noise Levels (outdoor) | 62 dBA @ 3 m |
| Control | Automatic Thermostat |
| PAC Line Length | 5 m (max 6x = 30 m) |
| Weight (indoor) | 105 kg |
| Weight (outdoor) | 20 kg |
| Dimensions (indoor) | 820 x 380 x 1350 mm |
| Dimensions (outdoor) | 553 x 300 x 540 mm |
| | |



The CoolBreeze 50B is unique in the portable air conditioning world. This unit utilizes a 32A power supply in order to provide a massive 14.6kW of cooling whilst keeping footprint to a minimum. Specifically designed for use in server and comms rooms this air conditioner offers all the advantages of a standard PAC 22 split type unit with double the cooling output.

| Specifications | |
|---------------------------------|------------------------|
| Nominal Cooling Duty | 50 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 63 A BS4343 |
| Noise Levels | 47 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 23.6 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel 200 Litres | 200 L |
| Water Pump | CA200/35/P |
| Dimensions | 1300 x 3150 x 2030 mm |
| | |

Evaporative Coolers

Evaporative Coolers

Highly adaptive, cost effective cooling units

Evaporative cooling is a physical phenomenon in which evaporation of a liquid, typically into surrounding air, cools an object or a liquid in contact with it. Latent heat describes the amount of heat that is needed to evaporate the liquid; this heat comes from the liquid itself and the surrounding gas and surfaces.

When considering water evaporating into air, the wet-bulb temperature, as compared to the air dry-bulb temperature, is a measure of the potential for evaporative cooling. The greater the difference between the two temperatures, the greater the evaporative cooling effect. When the temperatures are the same, no net evaporation of water in air occurs, thus there is no cooling effect.

The amount of heat transfer depends on the evaporation rate, which in turn depends on the humidity of the air and its temperature.

Since these units are not a traditional air conditioner they do not need to vent excess hot air anywhere. This means that in some situations they are the only practical option for providing cooling to an area, such as where there are no windows.





This powerful evaporative air cooler is the perfect choice to keep large indoor and semi-outdoor environments comfortably cool and breezy. Its capable motor helps to deliver the highest air flow in our range of indoor evaporative air coolers while a 40-cm fan blade and three side honeycomb cooling media keep performance optimal.

| Specifications | |
|----------------------------|-------------------------|
| Air Throw | 10 m |
| Airflow | 2610 m ³ /hr |
| Cooled Area Typical | 60 m ² |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 1.6 A |
| Plug Type | 13 A 3 Pin BS1363 |
| Fan Speeds | 3 Speeds |
| Reservoir Capacity | 60 L |
| Weight | 22 kg |
| Dimensions | 460 x 700 x 1010 mm |
| | |



The Cool-Space Wave is designed to increase your comfort and productivity anywhere, whether work or pleasure the ultra-light housing gives you complete portability, and offers up to 26 degree temperature drops. Designed to cool down individual or small areas.

| Specifications | |
|----------------------------|--------------------------|
| Fan Size | 90 cm |
| Fan Power | 560 W |
| Fan Type | Axial |
| Fan Speed | Variable |
| Airflow - High | 16,500 m ³ /h |
| Airflow - Low | 10,860 m ³ /h |
| Static Pressure ESP | 37 Pa |
| Fan Drive | Direct |
| Fan Amperage - High | 6.3 A |
| Fan Amperage - Low | 1.8 A |
| Sound Level | 61 dBA @ 1 m |
| Pump Amperage | 0.75 A |
| Cooling Media Depth | 20 cm |
| Cooling Media Area | 1.85 m ² |
| Cooling Capacity | 350 m ² |
| Water Reservoir | 174 L |
| Water Supply | Garden Hose Connection |
| Electrical Supply | 230 V 1 ph 50 Hz |
| Dimensions | 1575 x 762 x 1780 mm |
| Weight | 132 kg |



The CoolSpace Avalanche is a portable evaporative cooler ideally suited for providing cooling to larger spaces such as stores and warehouses. They provide the ideal option for spaces too large for traditional portable air conditioners.

| Specifications | |
|---------------------|--------------------------|
| Fan Size | 90 cm |
| Fan Power | 560 W |
| Fan Type | Axial |
| Fan Speed | Variable |
| Airflow - High | 16,500 m ³ /h |
| Airflow - Low | 10,860 m ³ /h |
| Static Pressure ESP | 37 Pa |
| Fan Drive | Direct |
| Fan Amperage - High | 6.3 A |
| Fan Amperage - Low | 1.8 A |
| Sound Level | 61 dBA @ 1 m |
| Pump Amperage | 0.75 A |
| Cooling Media Depth | 20 cm |
| Cooling Media Area | 1.85 m ² |
| Cooling Capacity | 350 m ² |
| Water Reservoir | 174 L |
| Water Supply | Garden Hose Connection |
| Electrical Supply | 230 V 1 ph 50 Hz |
| Dimensions | 1575 x 762 x 1780 mm |
| Weight | 132 kg |



The CoolSpace Blizzard is a portable evaporative cooler ideally suited for providing cooling to larger spaces such as stores and warehouses. They provide the ideal option for spaces too large for traditional portable air conditioners. The Blizzard's massive cooling effect is extended with thanks to the 253l water reservoir.

| Specifications | |
|----------------------------|--------------------------|
| Fan Size | 122 cm |
| Fan Power | 746 W |
| Fan Type | Axial |
| Fan Speed | 2 Speed |
| Airflow - High | 32,900 m ³ /h |
| Airflow - Low | 21,000 m ³ /h |
| Static Pressure ESP | 37 Pa |
| Fan Drive | Belt |
| Fan Amperage - High | 6.45 A |
| Fan Amperage - Low | 3.05 A |
| Sound Level | 62 dBA @ 1 m |
| Pump Amperage | 0.75 A |
| Cooling Media Depth | 20 cm |
| Cooling Media Area | 2.78 m ² |
| Cooling Capacity | 425 m ² |
| Water Reservoir | 253 L |
| Water Supply | Garden Hose Connection |
| Electrical Supply | 230 V 1 ph 50 Hz |
| Dimensions | 1905 x 875 x 2135 mm |
| Weight | 253 kg |



A new addition to our evaporative cooler range the Comcool offers cooling at a raised elevation. Standing at 1.6m high this evaporative cooler provides ventilation at head height, greatly improving the cooling feeling. This unit is ideally suited for use at events where the air movement will not be blocked by crowds of people.

| Specifications | |
|---------------------------|---------------------|
| Airflow | 5165 m ³ |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 2 A |
| Plug Type | 3 Pin 13A BS1363 |
| Reservoir Capacity | 505 x 477 x 906 mm |
| Weight | 100 kg |
| Dimensions | 640 x 500 x 1660 mm |
| | |

Ventilation Fans

Ventilation Fans

Robust fan units available in a range of air flows

If it's just circulation you need then All Seasons Hire offer the very best quality ventilation fans that will suit any environment.

They are robust enough to withstand the rigors of building sites and industrial locations whilst still being suitable for office and domestic environments.

Our range of ventilation fans feature:

- Adjustable fan speeds
- Tilt adjustable
- Fully portable
- 230v and 110v units available





The Cyclone 30 Fan is mounted on a sturdy steel frame, so there's no chance of tipping over and the steel fan guard ensures the high-speed fan blades never come into contact with anything but the air.

| Specifications | |
|-------------------|-------------------------|
| Maximum Airflow | 3600 m ³ /hr |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 31.15 A |
| Plug Type | 13 A 3 Pin BS4343 |
| Power Consumption | 265 W/hr |
| Noise Levels | 67.5 dBA @ 1 m |
| Control | Manual Variable Speed |
| Weight | 16 kg |
| Dimensions | 640 x 300x x640 mm |
| | |



The Cyclone 50 Fan is mounted on a sturdy steel frame, so there's no chance of tipping over and the steel fan guard ensures the high-speed fan blades never come into contact with anything but the air.

| Specifications | |
|-------------------|-------------------------|
| Maximum Airflow | 7600 m ³ /hr |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 3.7 Amps |
| Plug Type | 13 A 3 Pin BS4343 |
| Power Consumption | 671 W/hr |
| Noise Levels | 80 dBA @ 1 m |
| Control | Manual Variable Speed |
| Weight | 21 kg |
| Dimensions | 840 x 345 x 820 mm |
| | |

Chiller Rental Services from All Seasons Hire

All Seasons Hire specialise in offering the most energy efficient rental chillers, capable of being used in a wide variety of environments and varied applications including:

- Server and communication rooms
- Offices
- Film and TV studio cooling
- Food manufacturing applications
- Chemical and pharmaceutical applications
- Ice Rinks
- Air conditioning for events

Chiller rental is also the perfect solution for emergency breakdown, disaster recovery, occupied refurbishment, planned maintenance and all other types of process and people cooling.



How Portable Chillers Work

Air cooled water chillers are vapor refrigeration systems.

The main components of a vapor compression refrigeration system are the compressor, condenser, expansion valve and evaporator.

The refrigeration cycle starts with a cool low pressure mixture of liquid and vapor refrigerant entering the chiller evaporator. Once inside the chiller evaporator it absorbs the heat from the relatively warm water or fluid that the chiller is cooling. This transfer of heat boils the liquid refrigerant in the chillers evaporator and the super heated vapor is pulled into the chillers compressor.

The chillers compressor compresses the refrigerant to a high temperature and pressure, high enough to allow the chillers condenser to give up its heat to the cooler ambient air. Within the chillers condenser, heat is transferred from the hot refrigerant to the relatively cool ambient air this reduction in the chillers refrigerant causes it to be de super heated and condense into a liquid, and then further sub cool before leaving the chiller condenser.

The high pressure liquid refrigerant then enters the chiller expansion valve causing a large pressure drop across the chillers refrigerant circuit. The pressure reduction causes a small portion of the refrigerant to boil off, or flash, this would be seen in the chillers site glass. The site glass indicates if the chiller is short of gas, if the chiller is short of refrigerant gas the flashing inside the chillers site glass will increase. The boiled off refrigerant helps cool the remaining refrigerant to the desired temperature before the mixture enters the chiller evaporator to start the cycle again.

Chiller Applications

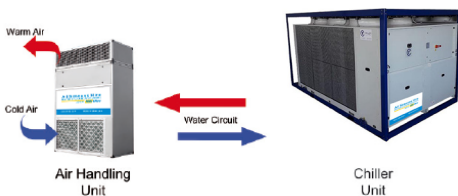
Chiller Hire for Air Conditioning

When used in conjunction with air handling units All Seasons Hire chillers can be used to provide air conditioning. This configuration is perfect for providing cooling to marquees and temporary structures.

For this application the chiller is used to supply cooled water for the air handling units which are located in the area that needs to be cooled. The chilled water is pumped around a circuit within the air handling unit, whilst the room air is blown through. As the warm room air is passed through the unit it is cooled by the chilled water circuit, then is distributed into the room as cooled air.

The water, now warm from the process, then flows out of the air handling unit and back to the chiller. Here the water is chilled again and the cycle starts over.

Some All Seasons Hire chillers when used with air handling units can be used to provide heating or cooling from one unit. These heat pump chillers are perfect for long term temporary structures or when the weather over the course of an event is unpredictable. They are also ideal for providing air conditioning during the day and heating at night.



Chiller Hire for Process Cooling

Often when a chiller is used for a process cooling application there is a necessity to use a heat exchanger for connecting the chiller to the process circuit. This means that the chiller has its own contained water circuit and the chiller will not come into contact with potentially harmful fluids, such as oil and volatile liquids.

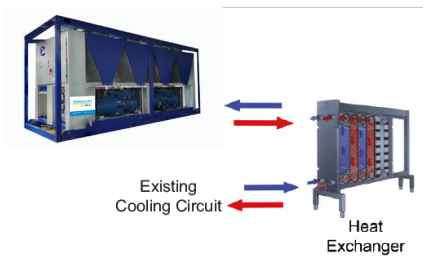
Chiller Hire for Planned Maintenance and Breakdown Recovery

Temporary chiller installations are perfectly suited to providing chilled water for cooling or process applications whilst the permanent chiller plant is being maintained.

When your fixed air conditioning system breaks down, All Seasons Hire will provide you with fast and efficient chiller hire services that will get you back up and running as quickly as possible. We have some of the most experienced chiller engineers in the business enabling us to deliver the perfect rental chiller solution and minimize your business downtime.

If you are currently or are planning to replace your aging chillers and industrial cooling equipment, hiring a rental chiller allows you to maintain business processes and operate normally during the chiller change out. All Seasons Hire can supply hire chillers that match your existing process chiller or air conditioning chiller capacity.

Rental chillers from All Seasons Hire give you additional assurance when taking your fixed chiller off-line for routine maintenance. Rental chillers give you more time to complete chiller maintenance ensuring that you have time to fully test prior to switching the chillers back to the fixed chiller system.





The 10 kW portable chiller is ideal for process cooling or air conditioning applications that only require a small cooling duty. This low capacity unit provides reliable, energy efficient cooling from a small footprint unit. The 10 kW chiller is compatible with All Season's Hire air handling units and fan coils.

| Specifications | |
|-------------------------------|----------------------|
| Nominal Cooling Duty | 10 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 32 A BS4343 |
| Noise Levels | 43 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 4.4 kW/h |
| Water Connections | 1¼" Camlock |
| Buffer Vessel | 60 L |
| Water Pump | 3HM06S07 |
| Dimensions | 745 x 1511 x 1400 mm |
| | |



The 20 kW portable chiller is ideal for process cooling or air conditioning applications that only require a small cooling duty. This low capacity unit provides reliable, energy efficient cooling from a small footprint unit. The 20 kW chiller is compatible with All Season's Hire air handling units and fan coils.

| Specifications | |
|------------------------|-----------------------|
| Nominal Cooling Duty | 20 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 32 A BS4343 |
| Noise Levels | 47 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 9 kW/h |
| Water Connections | 1¼" Camlock |
| Buffer Vessel | 110 L |
| Water Pump | CA200-33/B |
| Dimensions | 1052 x 2242 x 1650 mm |
| | |



The 30 kW chiller is a very reliable unit designed to run extremely efficiently no matter what cooling application it is used for. The 30 kW chiller is quiet in operation and environmentally friendly, just like every All Season's Hire Chiller.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 30 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 32 A BS4343 |
| Noise Levels | 48 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 14.2 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | 100 L |
| Water Pump | CA200-33/B |
| Dimensions | 900 x 2250 x 1650 mm |
| | |



The 50 kW chiller is a very reliable unit designed to run extremely efficiently no matter what cooling application is used for. The 50 kW chiller is quiet in operation and environmentally friendly, just like every All Season's Hire Chiller.

| Specifications | |
|--------------------------|------------------------|
| Nominal Cooling Duty | 50 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 63 A BS4343 |
| Noise Levels | 47 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 23.6 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel 200 Litres | 200 L |
| Water Pump | CA200/35/P |
| Dimensions | 1300 x 3150 x 2030 mm |
| | |



The 80 kW portable chiller is ideal for a wide variety of applications. This unit can be quickly connected to existing pipe work using flexible hoses. The 80 kW chiller is compatible with All Season's Hire air handling units and fan coils.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 80 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 125A BS4343 |
| Noise Levels | 49 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 34 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | 300 L |
| Water Pump | 15HM03N30 |
| Dimensions | 1300 x 3150 x 2030 mm |
| | |



The 100 kW chiller is a very reliable unit, designed to run extremely efficiently no matter what cooling application it is used for. The 100 kW chiller is quiet in operation and environmentally friendly, just like every All Seasons Hire Chiller.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 100 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 125A BS4343 |
| Noise Levels | 53 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 44.9 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | 300 L |
| Water Pump | FHE32-200/55P |
| Dimensions | 1290 x 3850 x 2350 mm |
| | |



Heat Pump chillers are the option chosen when both heating and air conditioning is needed from the same temperature control system. This air-to-water heat pump chiller is ideal for use on long term marquee installations to provide both heating and air conditioning options.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 100 kW |
| Nominal Heating Duty | 99 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 125 A BS4343 |
| Noise Levels | 55 dBA @ 10 M |
| Dry Weight | 1182 kg |
| Control | Internal |
| Power Consumption | 39.2 kW/hr |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | No |
| Water Pump | Yes |
| Dimensions | 1200 x 3760 x 2350 mm |
| | |



Heat Pump chillers are the option chosen when both heating and air conditioning is needed from the same temperature control system. This air-to-water heat pump chiller is ideal for use on long term marquee installations to provide both heating and air conditioning options.

| Specifications | |
|------------------------|------------------------|
| Nominal Cooling Duty | 150 kW |
| Nominal Heating Duty | 120 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 125A BS4343 |
| Noise Levels | 55 dBA @ 10 M |
| Dry Weight | 1331 Kg |
| Control | Automatic Programmer |
| Power Consumption | 49.7 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | No |
| Water Pump | Yes |
| Dimensions | 1160 x 3500 x 2300 mm |
| | |



Capable of cooling fluid down to -12 °C the All Seasons Hire 160 kW chiller is the perfect option for a wide variety of applications. The unit can be quickly connected to existing pipe work using flexible hoses. The 160 kW chiller is compatible with All Seasons Hire air handling units and fan coils

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 160 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 57 dBA @ 10 m |
| Dry Weight | 1280 kg |
| Control | Automatic Programmer |
| Power Consumption | 73.6 kW/h |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | 500 L |
| Water Pump | FHE32-200/55P |
| Dimensions | 1150 x 3850 x 2350 mm |
| | |



Heat Pump chillers are the option chosen when both heating and air conditioning is needed from the same temperature control system. This air-to-water heat pump chiller is ideal for use on long term marquee installations to provide both heating and air conditioning options.

| Specifications | |
|------------------------|------------------------|
| Nominal Cooling Duty | 160 kW |
| Nominal Heating Duty | 160 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | 5 Pin 125A BS4343 |
| Noise Levels | 57 dBA @ 10 M |
| Dry Weight | 1280 Kg |
| Dimensions | 1150 x 3850 x 2350 mm |
| Control | Automatic Programmer |
| Power Consumption | 73.6 kWh |
| Water Connections | 2" Bauer Male & Female |
| Buffer Vessel | 500 L |
| Water Pump | FHE32-200/55P |
| | |



Powerful and incredibly reliable this chiller is perfect for a wide variety of applications, including process critical cooling. The 200 kW chiller is quiet in operation and environmentally friendly, just like every All Seasons Hire Chiller. The unit is compatible with All Seasons Hire air handling units and fan coils.

| Specifications | |
|------------------------|------------------------|
| Nominal Cooling Duty | 178 kW |
| Nominal Heating Duty | 171.8 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 62 dBA @ 10 m |
| Dry Weight | 2850 kg |
| Control | Automatic Programmer |
| Power Consumption | 69.8 kW/h |
| Water Connections | 4" Bauer Male & Female |
| Evaporator Capacity | 25.6 L |
| Water Pump | TEE 2096969 |
| Dimensions | 2400 x 3970 x 2400 mm |
| | |



Powerful and incredibly reliable this chiller is perfect for a wide variety of applications, including process critical cooling. The 200 kW chiller is quiet in operation and environmentally friendly, just like every All Seasons Hire Chiller. The unit is compatible with All Seasons Hire air handling units and fan coils. This 200 kW chiller is also available in a heat pump version, enabling both cooling and heating from a single unit.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 200 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 55 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 79.8 kW/h |
| Water Connections | 4" Bauer Male & Female |
| Buffer Vessel | 500 L |
| Water Pump | FHE40-200/55/P |
| Dimensions | 2240 x 4000 x 2380 mm |
| | |



The 300 kW chiller is a very reliable unit, designed to run extremely efficiently no matter what cooling application it is used for. The 300 kW chiller is quiet in operation and environmentally friendly, just like every All Seasons Hire Chiller. The unit is compatible with All Seasons Hire air handling units and fan coils.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 300 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 60 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 131.4 kW/h |
| Water Connections | 4" Bauer Male & Female |
| Buffer Vessel | 500 L |
| Water Pump | FHE40-200/55/P |
| Dimensions | 2240 x 4000 x 2380 mm |
| | |



The 320 kW chiller is a very reliable unit, designed to run extremely efficiently no matter what cooling application it is used for. The 320 kW chiller is quiet in operation and environmentally friendly, just like every All Seasons Hire Chiller. The unit is compatible with All Seasons Hire air handling units and fan coils.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 320 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 65 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 99.7 kW/h |
| Water Connections | 4" Bauer Male & Female |
| Evaporator Capacity | 106 L |
| Water Pump | External |
| Dimensions | 3900 x 2440 x 2500 mm |
| | |



The 500kW chillers is the second largest individual unit in the All Seasons Hire range. With dual refrigerant circuits there is resilience built in, with the chiller able to continue operation with a fault on one circuit. Despite this units overall size the sturdy steel constructed frame enables easy listing and positioning with 6 lifting points and fork lift pockets.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 500 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 60 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 231 kW/h |
| Water Connections | 4" Bauer Male & Female |
| Buffer Vessel | 500 L |
| Water | FHE60-160/110 |
| Dimensions | 2505 x 5250 x 2620 mm |
| | |



The largest individual unit available, this 750 kW chiller can provide huge amounts of chilled water ideal for large projects such as cooling entire office blocks. It is also perfectly suited for process cooling applications at large sites such as refineries, chemical plants and factories.

| Specifications | |
|-------------------------------|------------------------|
| Nominal Cooling Duty | 750 kW |
| Power Supply | 415vAC 3Ø, N + Eth |
| Electrical Connections | Hard Wired |
| Noise Levels | 64.1 dBA @ 10 m |
| Dry Weight | Weight Varies |
| Control | Automatic Programmer |
| Power Consumption | 263.57 kW/h |
| Water Connections | 6" Bauer Male & Female |
| Buffer Vessel | 500 L |
| Dimensions | 2384 x 6527 x 2555 mm |
| | |

Air Handling Units

Air Handling Units

Fan coils suitable for distributing hot or cold air

Designed to work with both portable chillers for air conditioning and portable boilers for heating. All Seasons Hire have a wide range of fan coils and air handling units for hire and sale, ranging from 10kw up to 300kw.

All Seasons Hire have a fan coil unit suitable for any location including:

- Sleek units for use in marquees and at corporate events
- Large volume air conditioning
- Low temperature air conditioning
- Process cooling
- Food storage
- Powerful units for industrial heating





This air handling unit can either be connected to your existing water circuit or to an All Seasons Hire chiller or boiler to provide 20 kW of cooling power or 40 kW of heating duty. An integral thermostat means that the unit will maintain the desired temperature automatically once set up.

| Specifications | |
|-----------------------------|-------------------------|
| Nominal Cooling Duty | 15 kW |
| Nominal Heating Duty | 30 kW |
| Air Flow | 1200 m ³ /hr |
| Power Supply | 230 V 1 ph 50 Hz |
| Running Current | 3 A |
| Plug Type | 13 A 3 Pin BS1363 |
| Power Consumption | 690 W/hr |
| Noise Level | 52 dBA @ 1 m |
| Finish | White Plastic |
| Control | Automatic Thermostat |
| Weight | 60 kg |
| Dimensions | 540 x 290 x 1750 mm |
| | |



This air handling unit has been designed for applications requiring high air flow, such as server rooms and IT suites. The unit can either be connected to your existing water circuit or to an All Seasons Hire chiller or boiler to provide 20 kW of cooling power or 40 kW of heating duty. An integral thermostat means that the unit will maintain the desired temperature automatically once set up.

| Specifications | |
|-----------------------------|-------------------------|
| Nominal Cooling Duty | 20 kW |
| Nominal Heating Duty | 40 kW |
| Air Flow | 3058 m ³ /hr |
| Dry Bulb Air Inlet | 27°C |
| RH Inlet | 60% |
| RH Out | 92.5 |
| Fluid Inlet Temp | 6°C |
| Condensate | 12.93 kg/hr |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13 A 3 Pin BS1363 |
| Room Air Inlet | Both Sides and Front |
| Max Cold Air Duct | 20 metres (x2 Ducts) |
| Finish | White Metal |
| Weight | 73 kg |
| Dimensions | 587 x 337 x 1844 mm |
| | |



This air handling unit has been designed for applications requiring high air flow, such as server rooms and IT suites. The unit can either be connected to your existing water circuit or to an All Seasons Hire chiller or boiler to provide 30 kW of cooling power or 60 kW of heating duty. An integral thermostat means that the unit will maintain the desired temperature automatically once set up.

| Specifications | |
|----------------------|-------------------------|
| Nominal Cooling Duty | 30 kW |
| Nominal Heating Duty | 60 kW |
| Air Flow | 3700 m ³ /hr |
| Dry Bulb Air Inlet | 27°C |
| RH Inlet | 60% |
| RH Out | 92.5 |
| Fluid Inlet Temp | 6°C |
| Condensate | 14 kg/hr |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13A 3 Pin BS1363 |
| Room Air Inlet | Both Sides and Front |
| Max Cold Air Duct | 20 metres (x2 Ducts) |
| Finish | White Metal |
| Weight | Weight 79 kg |
| Dimensions | 587 x 337 x 1844 mm |
| | |



This air handling unit can either be connected to your existing water circuit or to an All Seasons Hire chiller or boiler to provide 50 kW of cooling power or 100 kW of heating duty. Featuring a manual control to set fan speed and integral condensate pump to remove excess water.

| Specifications | |
|-----------------------------|-----------------------------------|
| Nominal Cooling Duty | 50 kW |
| Nominal Heating Duty | 100 kW |
| Air Flow | 4800/4403/1876 m ³ /hr |
| Finish | White Metal |
| Power Supply | 230 V 1 ph 50 Hz |
| Plug Type | 13A 3 Pin |
| Weight | 140 kg |
| Dimensions | 800 x 425 x 1840 mm |
| | |



This air handling unit can either be connected to your existing water circuit or to an All Seasons Hire chiller or boiler to provide 100 kW of cooling power or 200 kW of heating duty. Featuring a manual control to set fan speed and integral condensate pump to remove excess water.

| Specifications | |
|-----------------------------|---|
| Nominal Cooling Duty | 100 kW |
| Nominal Heating Duty | 200 kW |
| Air Flow | 10,764 m ³ /hr |
| Power Supply | 415 V 3 ph 50 Hz |
| Running Current | 8.6 A |
| Plug Type | 16 A 5 Pin BS4343 |
| Room Air Inlet | Fresh Air Louvre or Return Air (2x600 mm) |
| Max Cold Air Duct | 50 m |
| Cold Air Duct Ø | 600 mm |
| Noise Level | 84 dBA @ 1 m |
| Weight | 650 kg |
| Dimensions | 2225 x 1230 x 1500 mm |
| | |



This air handling unit can either be connected to your existing water circuit or to an All Seasons Hire chiller or boiler to provide 150 kW of cooling power or 300 kW of heating duty. Featuring a manual control to set fan speed and integral condensate pump to remove excess water.

| Specifications | |
|-----------------------------|---|
| Nominal Cooling Duty | 150 kW |
| Nominal Heating Duty | 300 kW |
| Air Flow | 20,160 m ³ /hr |
| Power Supply | 415 V 3 ph 50 Hz |
| Plug Type | 32 A 5 Pin BS4343 |
| Room Air Inlet | Fresh Air Louvre or Return Air (2x600 mm) |
| Max Cold Air Duct | 50 m |
| Cold Air Duct Ø | 600 mm |
| Noise Level | 84 dBA @ 1 m |
| Weight | 934 kg |
| Dimensions | 2260 x 2110 x 1700 mm |
| | |

Fuel Tanks

All Seasons Hire have a range of fuel tanks from 100 litre capacity and upwards

All Seasons banded fuel tanks provide total security against spillage, especially important in environmentally sensitive areas and near rivers and lakes. All our fuel tanks meet and exceed the most stringent current environmental agency legislation for above ground storage.

All Seasons have various sizes of fuel tanks available, from 100 litre fuel buggies to 10,000 litre fully banded fuel tanks. We can also arrange for larger tanks if needed.

Our fuel tanks feature:

- Corrosion and waterproof
- Robust construction
- Fork truck pockets
- Poly inner tank to keep fuel clean
- Safe and easy to use
- Lockable



Fuel Management Service

Fuel Services

All Seasons Hire's fuel service provides a fast and efficient fuel management service to all industries, for planned or emergency hire.

You can count on All Seasons to deliver the best quality fuel anywhere in the UK, at prices that are hard to beat. We offer a range of fuel management services, from weekly top-up to emergency call out, so wherever you are we can keep your heaters running.

Our Bunded tanks provide total security against spillage, especially important in environmentally sensitive areas and near rivers and lakes. All our fuel tanks meet and exceed the most stringent current environmental agency legislation for above ground storage.



Accessory Range

All Seasons Hire have a range of heating and cooling accessories including; ducting, thermostats, air diffusers, extension leads and more

Heavy Duty Ducting

| | |
|----------------|----------------------|
| 300mm diameter | 3 metre lengths |
| 455mm diameter | 5 & 10 metre lengths |
| 550mm diameter | 5 & 10 metre lengths |
| 700mm diameter | 5 & 10 metre lengths |



Lengths may be extended using integral interlocking end collar

Aluminium Ducting

| | |
|----------------|------------------------|
| 152mm diameter | 2.5 & 10 metre lengths |
| 304mm diameter | 2.5 & 10 metre lengths |



Exhaust Flue

| | |
|-------------------------|----------------|
| Stainless steel section | |
| 150mm diameter | 1 metre length |
| 250mm diameter | 1 metre length |



| | |
|-----------------------|--|
| Stainless steel cowls | |
| 150mm diameter | |
| 250mm diameter | |

Y Splitters

| |
|----------------|
| 300mm diameter |
| 455mm diameter |
| 550mm diameter |



Accessory Range

Thermostats

Range of external thermostats for use with portable heating equipment

Air Diffusers

Air diffusers available in a variety of diameters, sleek in design ideal for use in marquees.

Power Distribution

110v Distribution units

230v Distribution units

Fly Leads

Plugs and Sockets

Extension Leads

RCD sockets

Socket Testers

Transformers



Electrical Information

110 volt single phase 50Hz is the standard supply used in the construction industry, usually only available up to 32 amps



230 volt single phase 50Hz is the standard domestic electricity supply, found in homes, retail, offices and light industrial areas.



415 volt three phase 50Hz is the standard electricity supply found where large equipment is being used.



Volt Drop

When using long power cables it is important to take into consideration the amount of voltage drop, as it can cause the cable to become hot and unsafe.

For expert advice on any power issues don't hesitate to call us on 0800 082 8001

Conversion Table

Conversion Tables

| | | | | | |
|-----------------------|----------------------|-------------|-----------------------|------------|------------------------|
| Length | in | x 25.4 | = mm | x 0.003937 | = in |
| | ft | x 0.3048 | = m | x 3.2808 | =ft |
| Area | in ² | x 645.16 | = mm ² | x 0.00155 | = in ² |
| | ft ² | x 0.0929 | = m ² | x 10.754 | = ft ² |
| Volume | in ³ | x 16387 | = mm ³ | x 0.000061 | = in ³ |
| | ft ³ | x 0.02832 | = m ³ | x 35.31 | = ft ³ |
| Mass | lbs | x 0.4536 | = kg | x 2.2046 | = lbs |
| | tons | x1016 | = kg | x 0.000984 | = tons |
| Volume Flow | ft ³ /min | x 0.000472 | = m ³ /sec | x 2118.64 | = ft ³ /min |
| Mass Flow | lb/h | x 0.000126 | = kg/sec | x 7936.51 | = lb/h |
| Pressure | lb/in ² | x 0.0689 | = bar | x 14.50 | = lb/in ² |
| Heat Flow Rate | btu/h | x 0.0002931 | = kw | x 3411.8 | = btu/h |
| Temperature | °C | x 1.8+32 | = °F | -32÷1.8 | = °C |

Disclaimer:

Specifications stated are indicative only and exact specifications shall be agreed on confirmation of order by All Seasons Hire Limited

Visit us online at allseasonshire.com

All Seasons Hire

HEATING & COOLING SPECIALISTS

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Safety / Value / Availability / Support

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