



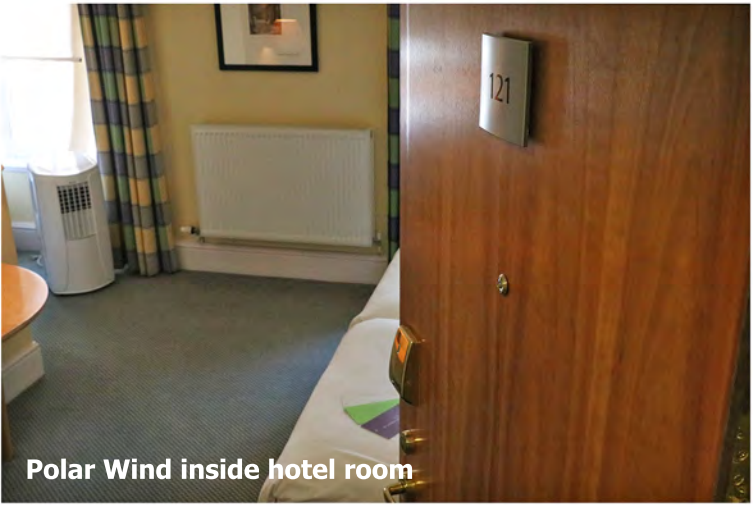
GUIDE TO TEMPORARY AIR CONDITIONING HOTELS & RESORTS

With the hotel market perhaps more competitive than it has ever been, the onus is on operators to ensure they are meeting the expectations of their guests. It should go without saying that this includes the comfort of rooms, with internal temperatures naturally playing a significant role in influencing the contentment of those who choose to stay at your hotel. In fact, a recent survey conducted by a well-known M&E contractor has revealed that a failure to provide good air conditioning can have a negative impact on your online reputation.

When people walk into your hotel for the first time, a comfortable temperature can immediately create a good impression and set the tone for how other aspects are perceived. For hotels looking to source temporary air conditioning, it is advisable that the main public spaces are addressed as a matter of priority. This includes the foyer, reception and bar/dining areas, but you should also consider the benefits of deploying portable units inside each guest room.

Climate control is synonymous with premium or luxury hotels, given that many people now assume that having air conditioning available is a formality in the modern day. Equally as important, though, is ensuring that only suitable units are installed inside spaces where silence is expected. Your guests should not have to choose between a quiet night's sleep or a comfortable temperature, which is one of the most preventable yet overlooked dilemmas that businesses in your industry often face. Appeasing guests may be the primary motivation behind sourcing an adequate cooling system, but you should never neglect the key to keeping your hotel running – your staff. In order to do their job effectively,

employees need to be comfortable at all times. If temperatures are too hot – or too cold, for that matter – then there's no question it will affect your staff while they're going about their working day. In such a service-driven industry where personable people can make all the difference, the correct indoor temperature is essential.



Polar Wind inside hotel room



PAC 22 in hotel conference facility

How does a Temporary Air Conditioner work and what are their benefits?

Temporary air conditioners work similarly to other air conditioning systems, by drawing warm air into the unit before passing it over an evaporator to cool the air. This cooled air is then blown back into the room and the warm air is expelled via a duct or heat exchange unit.

One of the main benefits of temporary air conditioners, and what differentiates them from permanent cooling systems, is their mobility. Regardless of the cooling requirement, a temporary air conditioner will be able to satisfy it without necessitating the implementation of a costly permanent installation. Other benefits include:

- More affordable than installing a conventional air conditioning system
- Minimal installation
- Much more energy efficient than a central air conditioner
- Dual-purpose of not only cooling air, but dehumidifying air

It is critical to assess the size of the area in which cooling equipment is required. If you need assistance in sizing your space, a temporary air conditioning expert would be a great resource. Make sure your provider offers a free no obligation site survey.

Temporary air conditioning solutions are available in many sizes and configurations ranging from 1kW through to multi-megawatt packages.

Here are a few factors to consider when sizing a temporary air conditioner:

- Size of space being cooled
- Level of insulation
- Available power supply
- Internal heat loads such as electrical equipment, people and lighting
- Whether the portable cooling unit(s) will be installed inside or outside the space



Types of Temporary Air Conditioners

AIR-COOLED AIR-COOLED portable air conditioners pump in cool air and exhaust warm air from the condenser coil. The condenser is exhausted/ducted out of the space using flexible duct. The warm condenser air is most typically exhausted out of a window or ducted into a ventilated ceiling void.



Because of the ease of installation, air-cooled portable units are most often the system of choice for many hotel applications in which a source of air conditioning is required.

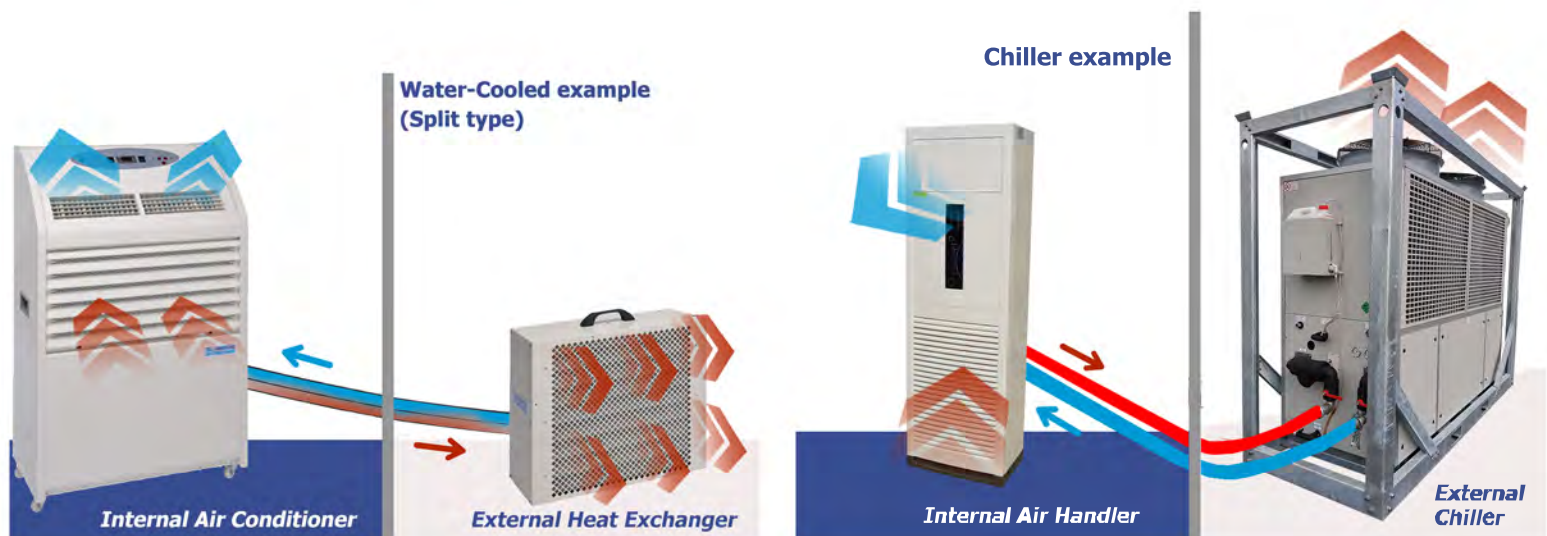
WATER-COOLED (split units) portable air conditioners operate similarly to air-cooled models, except, instead of air, water is circulated through the condenser coil of the unit by connecting to a heat exchange unit by connecting to a heat exchange unit which normally sits outside. These units have a wide variety of applications and are commonly deployed in situations where larger cooling capacities are necessary. Water-cooled systems do not require exhaust ducts, so they are often specified when there is not a convenient way to exhaust hot air out of the room.



CHILLERS CHILLERS produce chilled water that is used to cool the air that ventilates a building via the use of fan coil units or air handlers. These units have a larger footprint than portable air conditioners and are typically deployed the target application. With cooling capacities of up to 750kW from a single unit, our chillers are designed to high specifications, use the very latest refrigerant gases and are frequently tested to guarantee best practice. Ideal for high volume cooling in larger applications, our chiller units are commonly deployed within the hospitality sector during temporary shutdowns or as a short-term air conditioning replacement.



AIR HANDLING UNITS allow the distribution of cool air throughout an intended area and feature integrated condensate pumps and variable speed fans for complete control. Easily connected to either a chiller or boiler unit, our air handlers are also simple to manoeuvre into position and offer cooling capacities of up to 300kW from a single unit. Economical, safe and reliable, our air handling units offer an alternative to portable air conditioning systems and are ideal for lobbies, foyers and other communal areas.



Selecting a Temporary Air Conditioning supplier

With countless suppliers out there, how do you select the right one? Here are a few questions to ask when evaluating your options:

- Will the provider assist in determining your cooling needs and size the right equipment for your specific application?
- Does the provider offer delivery and installation as well as a set-up service?
- Does the provider offer both hire and purchase options?
- Does the provider have ample stock of equipment to meet your needs at a moment's notice?
- Does the provider offer a 24/7 emergency response service?
- Is your supplier accredited to ISO 9001:, ISO 14001: and OHSAS?
- Does your supplier have a national coverage?
- Can your supplier deliver same day?
- Will your supplier respond to breakdowns within 4 hours?

Your temporary cooling equipment supplier should be an integral partner for all facilities and estate managers in your industry. The supplier should provide you with the knowledge, expertise and confidence to successfully cool your next project.

