

Digitemp.
Beyond air conditioning.



Say goodbye to unsightly and noisy air conditioning units.

Traditional split system air conditioning units can be:

✗ Unsightly.

Where the air conditioning unit is visible externally, this can compromise a property's aesthetic qualities – not to mention any building regulations that may be in place.

✗ Noisy.

Loud conventional air conditioning units can disturb daily activities – or worse, a good night's sleep.

✗ Difficult to install.

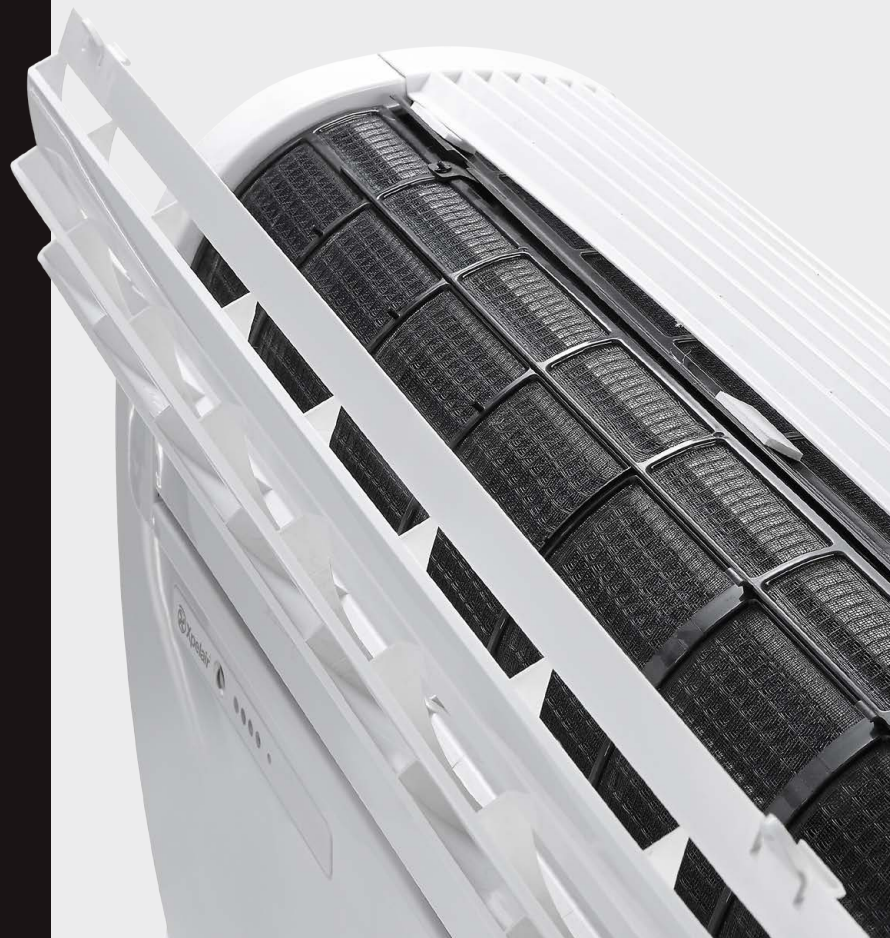
Fitting a traditional split air conditioning system calls for complicated work on external walls – and often on high floors – making for a time and labour intensive installation.

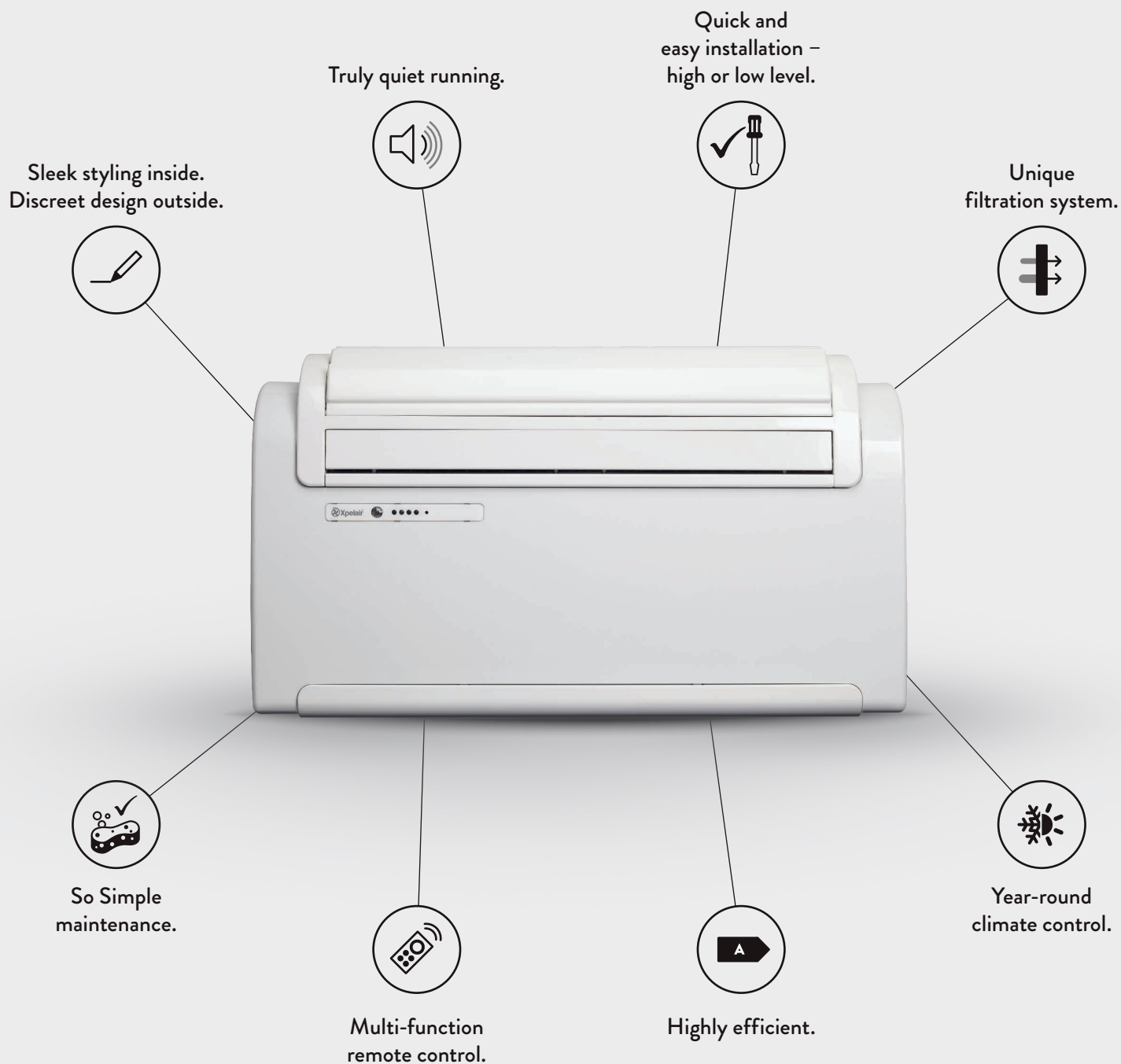
The revolution in air conditioning starts here.

Introducing Xpelair Digitemp.

Slim, quiet and
So Simple to install.

Xpelair Digitemp is an innovative solution to year-round climate control. It eliminates the need for an outdoor condensing unit, providing a self-contained system that's ideal for both light commercial and domestic applications. It's sleek, it's quiet and it's So Simple to install. And, while it's optimising the internal temperature, it's dehumidifying and purifying the air too. It's truly a game changer.





The Digitemp range.

Digitemp is available with a cooling function only, or with heating and cooling for a complete climate control solution. And both are available in two capacities to suit a range of requirements.

| | | | |
|--|-------------------------|---------|---|
| | Digitemp WA210N | 92721AA | 2.3kW Air-conditioning unit |
| | Digitemp WA245N | 92722AA | 2.7kW Air-conditioning unit |
| | Digitemp WHP210N | 92723AA | 2.3kW Air-conditioning unit 2.3kW Heating unit |
| | Digitemp WHP245N | 92724AA | 2.7kW Air-conditioning unit 2.5kW Heating unit |

As a very rough guide, the 2.3kW unit is typically installed in rooms up to 15m², while the 2.7kW units are installed in rooms up to 25m². Room size should be used for guidance only.



A closer look at **the benefits.**



Sleek styling inside. Discreet design outside.

With its sleek, contemporary design, Digitemp blends seamlessly with any room style or décor. What's more, by combining the indoor and outdoor units in one innovative, self-contained system, Digitemp eliminates the need for an outdoor condensing unit. All that's visible externally are two 6" grilles (inlet and exhaust) – discreet in comparison to standard fixed air conditioning units. This makes Digitemp an ideal solution in circumstances where it's necessary to maintain a building's external aesthetics – and can even avoid the need for planning permission on some listed buildings.



Innovative filtration system.

Digitemp has an innovative multi-filtering system. An electrostatic filter removes small particles such as smoke, dust, pollen and pet hair to prevent allergic reactions. At the same time, an activated carbon filter eliminates bad odours and deactivates harmful gases. This is climate control and air quality management in one clever package.



Highly efficient and ecological.

Digitemp boasts a Class 'A' rating for energy efficiency, generating nearly 3kW of heating/cooling energy for every 1kW of power used. The high-efficiency heat pump consumes just 40% of the electricity required by conventional electric heaters. Plus, Digitemp uses refrigerant gas R410A that's free from chloride and won't contribute to ozone depletion. So relax: while delivering maximum performance for minimum cost, Digitemp is safeguarding the environment.



Multi-function remote control.

The multi-function remote control allows all Digitemp functions to be activated within a range of eight metres. With its ergonomic grip and easy operation, the remote control makes Digitemp the ultimate in climate control convenience.



Truly quiet running.

So quiet, you won't even know it's there. Digitemp incorporates Xpelair's innovative **Ghost™ Air Movement Technology** to deliver truly quiet running as low as 29 dBA@3M. So it won't disturb daily activities, like meetings or conference calls in commercial applications. Homeowners, or those staying in hotel accommodation, will appreciate its 'sleep' mode. This increases the temperature setting gradually, while guaranteeing reduced noise – because a good night's sleep starts with a peaceful bedroom.



Quick and easy installation – high or low level.

Fitting is So Simple: the self-contained unit can be installed from inside the building. All that's required is the creation of two 6" holes and connection to an electrical supply. This simplicity translates into speedy and cost-effective installations versus comparable split systems. There's no need for complicated work on external walls or high floors, making Digitemp the ideal solution for apartments and multi-storey locations. What's more, Digitemp can be modified for high or low-level installation with ease – simply reverse the casing to accommodate the change in airflow.



Year-round climate control.

Digitemp is available as a cooling only option. Or, for year-round climate control, there's a cooling and heating option. And both are offered in two capacities to suit a range of requirements. So there's no need to specify traditional heaters in a project as well as an air conditioning unit; Digitemp does it all.

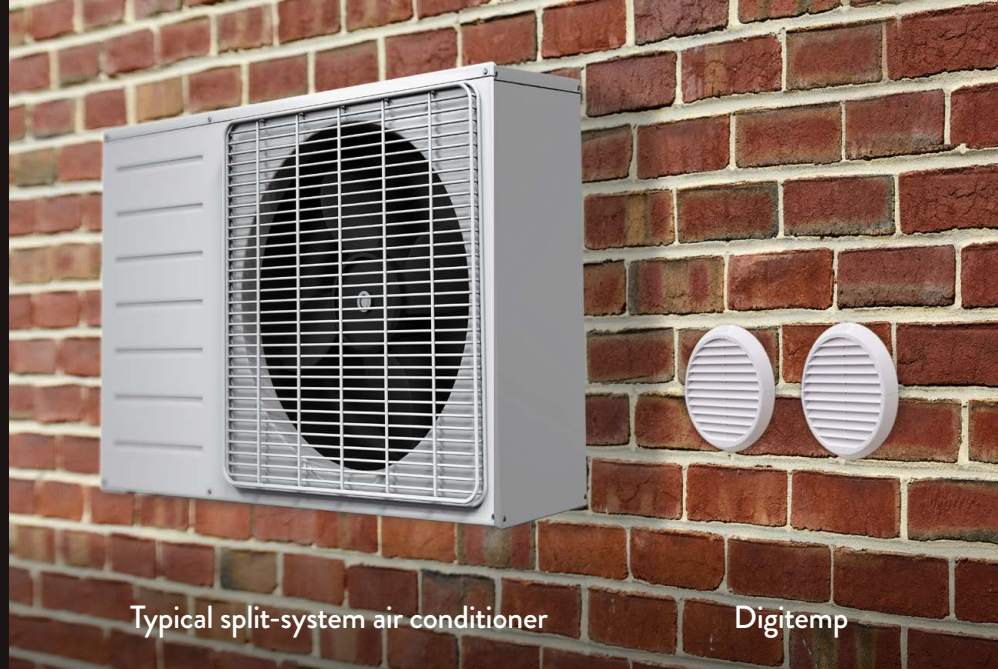


So Simple maintenance.

Digitemp has been designed to make maintenance a breeze. The filters are located in the air intake on top of the unit, providing easy access. Simply lift the air flap then pull out the double filter and it's ready for cleaning. It's So Simple.

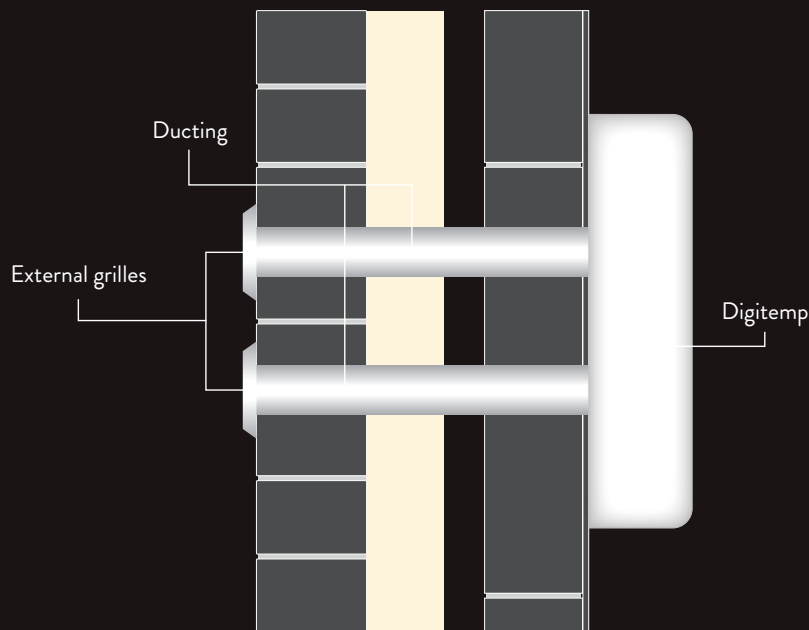
More visual appeal. Less installation cost.

By removing the need for a large, unsightly, external condensing unit, not only does the Digitemp look far more discreet from the outside, it makes installation and maintenance so much easier too. Especially at high levels. And because it can be completely fitted from the inside – it further cuts installation costs and times.



Xpelair Digitemp

Plan view.



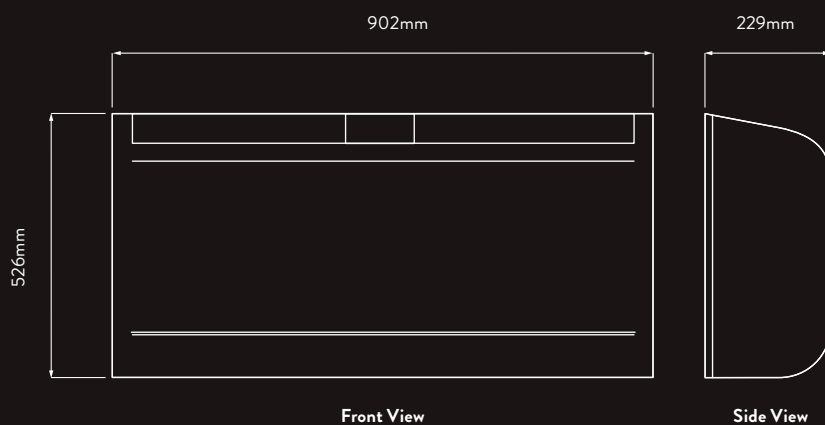
Operating Limits (Dry Bulb).

| | | |
|-----------------------------|---|-------|
| Indoor Ambient Temperature | Maximum Operating Temperature in Cooling Mode | 35°C |
| | Minimum Operating Temperature in Cooling Mode | 18°C |
| | Maximum Operating Temperature in Heating Mode | 27°C |
| | Minimum Operating Temperature in Heating Mode | – |
| Outdoor Ambient Temperature | Maximum Operating Temperature in Cooling Mode | 43°C |
| | Minimum Operating Temperature in Cooling Mode | -10°C |
| | Maximum Operating Temperature in Heating Mode | 24°C |
| | Minimum Operating Temperature in Heating Mode | -15°C |



Technical Data.

Dimensions.



Specification.

| | MODELS | | | |
|---|-------------|-------------|--------------|-------------|
| | WA210N | WA245N | WHP210N | WHP245N |
| Part number | 92721AA | 92722AA | 92723AA | 92724AA |
| Cooling capacity (kW) | 2.3 | 2.7 | 2.3 | 2.7 |
| Heating capacity (kW) | | | 2.3 | 2.5 |
| Rated absorbed power in cooling mode (kW) | 0.9 | 1.0 | 0.9 | 1.0 |
| Rated absorbed power in heating mode (kW) | | | 0.7 | 0.8 |
| Energy efficiency class in cooling mode | A | A | A | A |
| Energy efficiency class in heating mode | | | A | A |
| COP (Coefficient of Performance) | | | 3.1 | 3.1 |
| Dehumidification rate (l/hr) | 0.9 | 0.9 | 1.1 | 1.1 |
| Fan speed settings | 3 | 3 | 3 | 3 |
| Airflow rate in cooling mode (m³/hr) | 490/430/360 | 490/430/360 | 490/430/360 | 490/430/360 |
| Airflow rate in heating mode (m³/hr) | | | 410/350 /270 | 450/400/330 |
| Sound pressure dBA@3M (min/max) | 29.5 – 37.5 | 29.5 – 38.5 | 29.5 – 37.5 | 29.5 – 38.5 |
| Refrigerant gas | R410A | R410A | R410A | R410A |
| Power supply (V) | 230 | 230 | 230 | 230 |
| Power supply (Hz) | 50 | 50 | 50 | 50 |
| Diameter of wall holes (mm)* | 162/202 | 162/202 | 162/202 | 162/202 |
| Maximum remote control range (m/angle) | 8/ +- 80deg | 8/ +- 80deg | 8/ +- 80deg | 8/ +- 80deg |
| Dimensions without packaging (mm) | 902x526x229 | 902x526x229 | 902x526x229 | 902x526x229 |
| Dimensions with packaging (mm) | 980x610x350 | 980x610x350 | 980x610x350 | 980x610x350 |
| Weight without packaging (kg) | 40 | 40 | 40 | 40 |
| Weight with packaging (kg) | 44 | 44 | 44 | 44 |
| Warranty (UK, years) | 1 | 1 | 1 | 1 |

*The unit is supplied with flexible PP sheets that can be folded to the required size of the holes.
The two hole diameters are for flexibility. Applicable to all models.

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Improving population health and well-being with innovative
and energy efficient indoor air quality and air comfort solutions.

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