

# More sustainable HVAC solutions for climate and cost savings

The world has long passed the stage where we can turn our backs on the realities of global warming and our role in it. Add to that the ever-increasing costs of electricity and incessant power outages due to overconsumption of this resource, and business owners have no choice but to take drastic action, and fast.



Luckily, a sustainable future lies within everyone's grasp, and every small step makes a difference. Here's what you can do today to create more sustainable heating and cooling solutions for your business.

## Making your HVAC more sustainable

Although HVACs use electricity, you can minimise the amount that they use by ensuring your HVAC stays in excellent working order.

If you don't already have a maintenance schedule in place, now's the time to set one up. Get in touch with a reputable local heating and cooling specialist and schedule an appointment for your HVAC.

Regular HVAC maintenance is the best way to prevent excessive, wasteful energy use. In between these annual inspections, check your HVAC filter regularly. A clogged filter can undermine your HVAC's efficiency, causing it to work harder and burn more electricity. You'll likely need to change your filter around once a month to keep things running smoothly.

## Small changes can make a big difference

Adjust the thermostat on your HVAC so that it's a few degrees cooler in winter and a few degrees warmer in summer. You won't notice the difference, until you receive your electricity bill.

A few degrees either way can make a huge impact on electricity consumption. Adding a smart thermostat will shave even more electricity off your usage. These gadgets adjust the temperature of the room automatically according to whether there's anyone in the building or not.

This way, you'll use a lot less energy heating and cooling empty rooms.

Leaks and drafts have a considerable impact on your HVAC's performance. Seal these energy sapping gaps and you'll notice an immediate improvement. You can also use sustainable duct wrap to insulate your HVAC system's tubing and enhance efficiency.

## **Consider modern air-conditioning solutions**

Forward-thinking air-conditioner manufacturers have been working on more sustainable commercial [heating and cooling solutions](#) for decades. So, for the ultimate energy and cost savings, you'd do well to invest in one of these new, more sustainable models.

Consider the [LG Multi V5](#). This fifth-generation air-conditioner has SMART load control that takes both humidity and temperature into account to ensure optimum comfort and enhanced energy savings.

The large outdoor unit uses biomimetics technology for enhanced airflow and to reduce energy consumption, while a state-of-the-art inverter compressor offers increased reliability as well as energy efficiency.

Improved continuous heating technology in the Multi V5 delivers an 11% increase in heating time per day thanks to the humidity sensors, smart oil management, and a partial defrost function. Even with an increased operating time, the unit uses 7% less energy.

Despite these enhancements, the LG Multi V5 takes up less floor space because of its capacious outdoor unit, allowing for more flexible, easier, installations.

## **Implement and uphold integrated energy management**

If you're designing a new building for your business, don't treat your heating and cooling systems as an afterthought. Integrated design can maximise your building's ability to regulate temperature on its own and minimise the need for heating and cooling.

For instance, strategically placed windows can maximise the warmth of the sun, and solar power can help save electricity costs on both lighting and heating. When you take sustainable solutions into account from the start, you'll save thousands in heating and cooling your building over the years.

It's in the best interests of business owners to recognise the major environmental and financial impact of heating and cooling, and to maintain this commitment to energy-efficiency going forward. Make life easier and more efficient by

choosing HVAC solutions from LG as they continuously strive to innovate and deliver sustainable solutions for every business need.

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