



IMPROVE EMPLOYEE WELFARE, COMFORT & PRODUCTIVITY  
WITH EFFECTIVE BUILDING HEATING

Temperature has a significant impact on your business. Even a minor change away from the optimum temperature has a huge impact on worker productivity, which in turn can be a huge cost to businesses.

## PRODUCTIVITY

Many businesses neglect turning on the heating until it's absolutely necessary, to save energy and keep their utilities bill down. However, the results of a study into the effect of temperature on productivity showed that heating workplaces to a sensible temperature can save employers a significant portion of their wage costs and deliver a return of up to 120 times the cost of energy, so for most businesses it's significantly cheaper to turn the heating on earlier and not sacrifice productivity.

Overall the study estimated that companies could save up to 12.5% of their wage costs per worker by raising the temperature a few degrees. Another study, by Cornell University, found that when temperatures were low, employees committed 44% more errors and were less than half as productive as when temperatures were warm.

**Save 12.5%**  
**Of Wage Costs, Per Worker**



## WELFARE

The Approved Code of Practice states that the minimum temperature in the workplace should be 16°C, unless rigorous physical effort is taking place, in which case the minimum temperature can be lower, down to 13°C.

Cold stress is rarely an issue in indoor workplaces, but warehouses and partially outdoor environments need to be aware of the issues that accompany cold working temperatures.

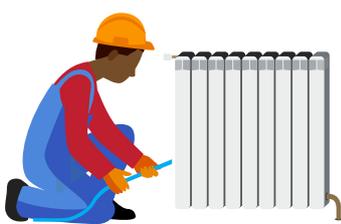
Even in indoor workplaces, temperature plays a huge part. Last year, 23.3 million days were lost due to sickness absences, and roughly 30% of those were minor illnesses like coughs and colds. A low workplace temperature contributes to these minor illnesses as well as to psychological issues like stress and depression.

## REDUCING HIGH ENERGY BILLS

The other side of the equation is reducing heating bills by ensuring your heating system is as efficient as possible. Replacing outdated systems with modern systems has a huge impact on energy efficiency as well as improving the quality of heating for your building.

Proper maintenance is also essential to ensuring your heating system performs as efficiently as possible. Whether your system is brand new or decades old, a thorough service followed by regular maintenance can have a significant improvement on performance and greatly reduce energy use.

New and existing systems can be fitted with smart building controls that coordinate information from various building systems to keep energy costs as low as possible. For example automatically turning down the temperature in unused areas, reacting to factors like ambient or radiant temperature or the number of people in the building, and working in tandem with air conditioning systems to balance temperature and humidity to create the most comfortable thermal profile possible.





## WHY CHOOSE EESI MECH?

EESI Mech have been designing, installing and maintaining heating and HVAC systems for decades. With an exemplary track record delivering solutions for clients across a diverse range of industry sectors, EESI has an impressive portfolio that boasts organisations such as Muller, English Heritage, Spirax Sarco, Essilor, Ecclesiastical Insurance to name just a few. Through core values such as quality, reliability and continuity of staff, EESI has developed an excellent reputation for customer service and delivering efficient solutions using high quality components and the latest technologies.

Our specialist heating and mechanical systems division has been designing, installing, maintaining and repairing heating systems for decades. Our expert heating team have the expertise and experience to design heating solutions that create a comfortable, productive environment for your employees.

We can conduct a free site survey to assess your requirements and create a bespoke system that precisely fits your business and your workforce. We are OFTEC and Gas Safe accredited and can deliver solutions to comply with whatever standards you require. Our engineers are available 24/7, so if your system requires urgent attention, our engineers will be with you in hours, whatever time of night or day of the week.

Contact EESI Mech today for a free consultation, and one of our expert engineers will evaluate your existing system and make recommendations based on your requirements and budget to ensure your building, and your workforce, is as productive as possible.

### CONTACT US

 01453 821 550

 [info@eesi.co.uk](mailto:info@eesi.co.uk)

 [www.eesi.co.uk](http://www.eesi.co.uk)

 Springfield Business Centre,  
Stroudwater Business Park,  
Brunel Way, Stonehouse, GL10 3SX

