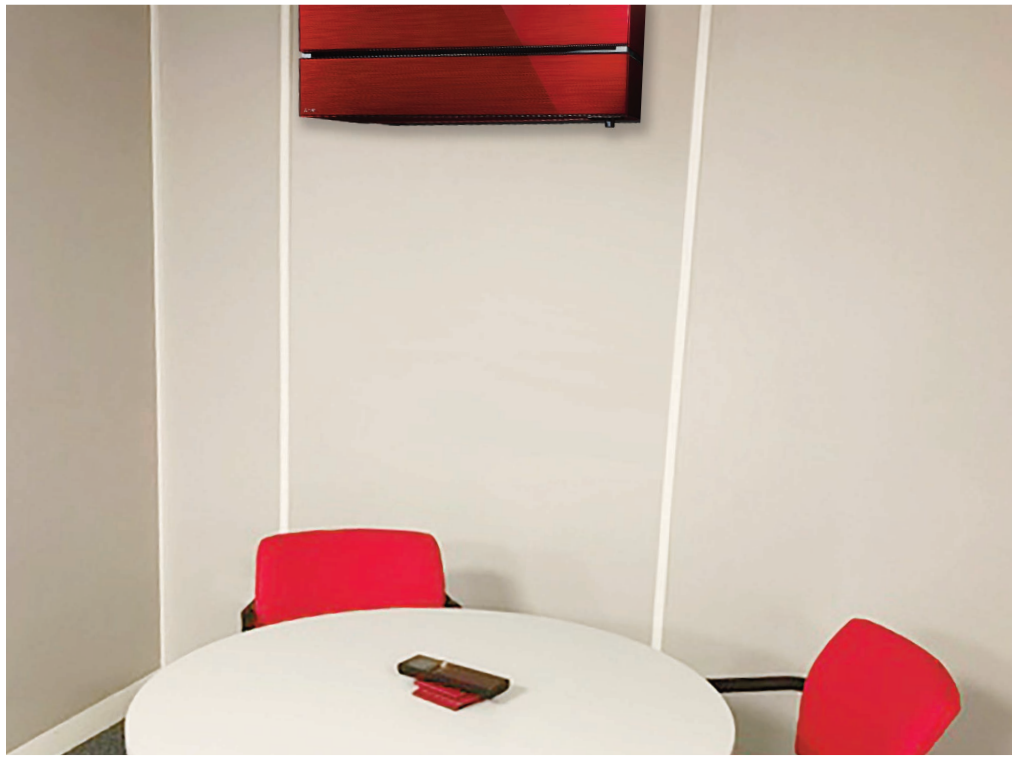


East Coast Air Conditioning selects new R32 wall mounted range from Mitsubishi Electric

Air Conditioning



R32

Mitsubishi Electric has recently provided East Coast Air Conditioning with an M Series MSZ-LN R32 wall mounted system. Covering the entire East Anglia region, East Coast Air Conditioning needed to upgrade its existing building - a single storey industrial unit, due to recent expansion within the company.

Case Study

The M Series MSZ-LN air conditioning range is the inaugural product in Mitsubishi Electric's UK line-up to utilise R32 refrigerant.

One of the key features of R32 is that it has a low Global Warming Potential (GWP) of 675, one third that of R410A.

Additionally, R32 is already used in typical HVAC equipment as it makes up 50% of the R410A found in many air conditioning systems.

East Coast Air Conditioning / East Anglia

East Coast decided to install the R32 MSZ-LN wall mounted system from Mitsubishi Electric to show its commitment to customers on energy savings. R32 refrigerant is pivotal in meeting future legislation and reducing the environmental impact of air conditioning, heat pumps and refrigeration, making it the ideal choice as the next generation refrigerant gas.

This is relevant because the European Parliament passed the 2014 EU F-Gas Regulation legislation in March 2014 with the key objective of reducing F-Gas emissions by 79% between 2015 and 2030. This brings significant changes to end users, facilities managers, specifiers and installers.

Martin Rand from East Coast Air Conditioning explained: **"Due to the expansion of the company we needed a new office building. We were really intrigued about Mitsubishi Electric's new wall mounted air conditioning system, especially as it was their first product in the UK to use R32 refrigerant."**

"We were aware of its low GWP and we wanted to show to our customers that we are fully committed to energy saving systems. East Coast Air Conditioning installed the wall mounted system. We feel this product is ideal for our requirements, it looks stylish and has been quite a talking point when customers have come to view it!"

R32 refrigerant is highly energy efficient, which results in a lower refrigerant charge and the potential to manufacture smaller units. It's also much easier to reuse and recycle since it's a single component refrigerant. One further benefit is that it's simpler to handle since it doesn't fractionate.

Furthermore, R32 makes a green commitment as it has a zero-ozone depletion potential which meets the global Montreal Protocol agreements and the EU Ozone depleting regulations. Additionally, with regards to safety, R32 is classified as an A2L refrigerant.



Not only that, the new R32 air conditioning units from Mitsubishi Electric are very easy on the eye with a sophisticated, streamlined design making for a very stylish appearance. With four distinct colours to choose from, East Coast Air Conditioning opted for a 3.5kW Ruby Red model, which is the first ever red unit to be offered by Mitsubishi Electric. They are also ideal for business use due to their quiet operation, with noise levels as low as 19dBA.

Martin continued: **“Following on from the initial installation, we have since supplied and installed various R32 systems from Mitsubishi Electric. Everything has gone very smoothly, in particular setting up the built-in Wi-Fi control which we found extremely simple.”**

Installation Summary

Mseries

Equipment:

- MSZ-LN35VGR Wall Mounted Unit
- MUZ-LN35VG Outdoor Unit



MSZ-LN35VGR



MUZ-LN35VG



R32

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