

A2L SYSTEM MATCH

Your Questions, Our Answers

Here our expert engineers will answer any question you have on our A2LsystemMatch. To submit questions please email sales@marstair.com



Q. What modifications have been made to the condensing unit?

A. Enclosed electrics box for increased safety. Critically charged designed units, with EEV fitted as standard

Q. Do we need to use any special controls?

A. No, A2LsystemMatch can be installed using standard known controllers

Q. Are there still long pipe runs available?

A. Suitable upto 80m pipe-runs, subject to room volume calculations

Q. Can it be installed as a retrofit or New systems only?

A. Suitable for all existing coldroom applications, but requires an upgraded A2L design for exiting systems

Q. What is the GWP of R454C?

A. 148

Q. What is the volume saving of refrigerant in a typical system?

A. Circa 40% reduction in system refrigerant charge dependant on specific application requirements

Q. What is the increased efficiency of the system using A2L?

A. Circa 3% system efficiency improvements dependent on specific application requirements

Q. What is the benefit of using A2L R454C over CO2?

A. Simple skill level uplift required to install A2L cold room systems. Providing up to 33% lower total cost of ownership (TCO) than CO2 for end users

Q. What Risk Assessment considerations are required to install A2L?

A. DSEAR Risk Assessment templates are provided within the technical instructions, giving full and detailed guidance to both installers and end users

Q. How do we select the right system match?

A. Follow the simple step by step selection guide we provide to help you with your project application needs. There will also be a web-based product selection tool available soon to help with selection

Q. Do we need to go on a training course for A2L?

A. Installation must be carried out by FGAS certified technicians. It is also advisable that technicians hold the ACRIB (A2L.A2.A3) understanding of flammable refrigerants qualification. There are also a number of organisations that offer best practice training modules on A2L at nationwide locations

Q. What are the warranty periods of the Marstair A2L products?

A. A2LsystemMatch comes with a 5 year parts warranty as standard, providing total piece of mind for both installers & end users

