



Commercial Condensing Units

QUESTION & ANSWER SHEET

Where are the units manufactured?	They are built at the J & E Hall factory in Malaysia.
Does the factory operate under any quality assurance system?	Yes, the factory operates under the ISO 9001 quality assurance system.
What certification do the units carry?	Units are CE and UKCA marked.
Are the units tested before they leave the factory?	Yes, all units are pressure/leak tested and undergo a full electrical function test before leaving the factory.
Do the units comply with Ecodesign?	All of our units are Ecodesign compliant
What refrigerants other than R448A/R449A can the units be run on?	R134a & R452A (model dependent). Please see brochure for further details.
What electrical supply do the units require?	Either a 230 volt single phase or a 400 volt three phase supply depending on the unit model. Some unit models have both single and three phase options available. All units require a neutral and must also be earthed.
What are the maximum recommended pipe runs?	Standard Fusion units are 25m. Fusion Scroll, Digital and Inverter units are 50m.
What type/make of compressors are used in the units?	Fusion medium temp from 0050 > 0170, Fusion low temp from 0115 > 0210, both these ranges we use the Tecumseh compressor. All other Fusion units we use the Copeland Scroll compressor. We use the Copeland digital compressor on our Digital Fusion range and the Siam compressor for our Inverter Fusion range.



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Can the units be wall mounted on brackets?

Yes, we carry a stock of brackets from our warehouse in Derby. However these are only suitable up to and including the B3 range due to the physical size and weight of the larger units.

What components are fitted as standard?

Drier, sight glass, dual LP/HP pressure switch, pressure actuated fan speed control (except Fusion B1), fully pre-wired electrical box with combined isolator/overload, liquid receiver (fitted with PRV on 15hp, 12hp & 16hp Digital units), oil separator and discharge check valve on all low temperature models (except Fusion B1), micro-channel condenser coil (B1 & B2 ranges only) anti-corrosion blue fin coating on condenser coil (B3, B4, B5 & B6 ranges), foam acoustic insulation to compressor compartments, externally mounted service valves, crank-case heater (except Fusion B1 MT).

Is the LP/HP pressure switch pre-set?

No. The LP/HP switch must be adjusted to suit the application before starting the unit.

Is the fan speed controller pre-set?

Yes. Where fitted – the fan speed controller is pre-set for operation on R448A. It can be adjusted as required for use with other compatible refrigerants.

What warranty do you offer with the units?

All units come with a 3 year parts only warranty.