## TRENT VALLEY REFRIGERATION LTD

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## DESIGN . INSTALLATION . MAINTENANCE . PROJECT MANAGEMENT .

**TRENT VALLEY REFRIGERATION LTD** is an established contracting company, which specialises in the design, installation, commissioning, maintenance and repair of Air Conditioning and Refrigeration installations.

We have the in-house capability to design and install both bespoke one-off systems tailor made to meet your exact requirements as well as systems using proprietary equipment.

Some typical refrigeration applications are shown below, with air conditioning applications overleaf:



Chill Holding Chamber



Milk Holding Room



Low Temperature Freezer



Batch Blast Freezer



Heat Recovery System



Carcass Chiller with rails



Bespoke Compressor Pack



Bespoke Housed Compressor Set



Condensing unit in housing

This is a small cross section of the type of work we undertake and is by no means exhaustive, with projects being undertaken from the initial conception right through to commissioning and completion with expertise brought from both the industrial and commercial sectors of the industry.

We can also provide a design and project management service to act on your behalf to ensure the refrigeration or air conditioning system you purchase is fit for purpose, complies with current legislation, is an energy efficient solution and offers the best value possible over the life cycle of that system.

Trent Valley Refrigeration Ltd – helping to make you that little bit COOLER!

Over the years experience has been gained within the food, chemical, oil and manufacturing industries together with commercial and public buildings & offices within safe, extreme and hazardous environments.

Health and safety issues are always paramount and we have in place full health and safety documentation including risk assessments; method statements and COSHH data sheets and our engineers have the C&G 2079 Category 1 F-Gas Refrigerant Handling Certificate together with the CITB Brazing & Pipework to EN378 Certificate which are now required under current legislation. TVRL is also a was accredited company.

Some typical air conditioning applications are shown below:



Ducted system with free cooling



Multi-split cassette system



Ceiling suspended system



External condensing units



High/Low wall mounted units



Concealed ducted unit



Process water chiller



Mini VRF units





Various system maintenance and repair tasks being undertaken

As well as fixed installations we also *hire* portable air conditioning units for temporary or short term cooling applications. This can be to combat unbearable summer heat and humidity or just to back up essential services where the existing installed air conditioning system has failed.

Pre-planned maintenance is always a good idea to ensure equipment operates at its full potential. This can also increase the plants useful working life & efficiency hence reduces the running costs and environmental impact.

Maintenance regimes can be arranged to suit individual customer needs, which may involve working alongside your own engineers and include F-gas leak checks as required by current legislation.

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