

Revolutionary aluminium pipeline connection system for HVAC Air Conditioning and DX Refrigeration Systems

Traditionally, copper pipework is used in pipeline connection system for HVAC Air Conditioning and DX Refrigeration Systems. Copper must be soldered or brazed to effect a seal and this requires **HOT WORK** which involves compliance with ever tighter legislation. A revolutionary pipeline connection system which combines aerospace technology using aluminium in place of copper tube is now available. Connectors require **NO** heat, **NO** hot works permit is required, **NO** fire alarm stand down, **NO** smoldering time, **NO** oxidation and **NO** purging. This **CAN SUBSTANTIALLY REDUCE THE INSTALLATION COSTS.**

One such system is Reflok® which allows the use of aluminium tubing from 1/4" to 2 1/8" which is cleaner, greener and much more cost effective. No heat and no copper means no oxidation and no need to purge the system. Blocked filters and damaged compressors could become a thing of the past.



The connector seals automatically so a leak-free system depends less on the skill of the installers and rarely needs any corrective action after pressure testing. The system also offers its own stainless steel braided flexible pipework hoses using the same connectors and crimping method to ensure consistency and conformity.

Aluminium tube is fully field bendable, outperforming copper in consistency and quality of bend. It can also be done cold which means installation is quicker and simpler and less prone to errors.

Environmental Issues - The volatility of the world copper price is driven by speculators and demand in the Far East. The Bauxite from which Aluminium is produced remains easier to mine and one of the world's more plentiful commodities and therefore has less detrimental effect on the environment and provides a more economically stable market.

Benefits

- **NO** hot works, therefore no hot work permit required
- **NO** fire alarm stand-down required
- **NO** smoldering time
- **NO** fire extinguishers
- **NO** nitrogen purging
- **NO** system contamination

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