

Industrial Cleaning Tools - Air Water Lance

Technical Specification



DESCRIPTION

This hand tool is mainly used for the cleaning of condenser tubes, heat exchangers and tubes with a 12mm (1/2") ID up to 25.4mm (1") ID either with a mixture of air and water or scrubber bullets for sticky deposits. Depending on the method used it can clean condenser tubes in 1-3 seconds, that's 500 tubes per hour on a routine maintenance clean.

For sticky deposits it is recommended that two people operate the tool, one loading the bullets and the other firing, purely for speed.

The Air/Water Lance has shown versatility in the cleaning of the tubes made from sensitive or easily damaged materials, or where the tubes are curved, making the use of conventional brushes impracticable. There is provision for both nozzle attachment that enables the lance to be locked into position in the tube during the cleaning cycle and positive visual indication of pressure in the tube at all times plus a safety pressure release valve when required.

REQUIREMENTS

Compressed Air Pressure required is Min 4.2 kg/cm² (60 lbs,psi), Max 7 kg/cm² (100 lbs,psi)

Water Pressure required is Min 7kg/cm² (10 lbs,psi), Max 7kg/cm² (100 lbs,psi)

The pressure of water used is normally that of the local supply, no boosting is necessary. Water pressure should always be less than compressed air.

A complete Air/Water Venturi Lance Set consists of the following;

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| AW1027A | Air/Water Venturi Lance |
| A2 | 10m x 3/8" Air Hose fitted with 2 end fittings and 1 x 3/8" BSP nipple |
| A4 | 10m x 3/8" Water Hose fitted with 2 end fittings and 1 x 3/8" BSP nipple |

ACCESSORIES

A range of bullets available to suit individual requirements.



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