

COIL UDDER WASHER

Features

- 4 a continuous flow of clean warm water at mains pressure
- 4 Isolating stainless heat-exchanger ensures no bacterial contamination
- 4 long life stainless steel 3kw heater
- 4 very low maintenance, just top up occasionally
- 4 complete with 3 x coil wash guns & 50 feet of delivery pipe
- 4 easy to install - everything included
- 4 no header tank required, high level or low level installation
- 4 suitable for all types of parlour
- 4 washes up to 100 cows per hour



The Cotswold Coil-Washer provides a continuous supply of warm water suitable for udder-washing up to 100 cows at a time. It provides a continuous supply of pre-heated fresh water **direct from the main water supply**.

Three Cotswold Spray Guns are included (in UW10 COMP), together with 50 feet (15 metres) of 8mm x 5mm (inside diameter) plastic small bore delivery tubing and all necessary connectors.

Inside the stainless steel housing is a reservoir of water heated by a 3kw element, and within this is a fully isolated 50 feet copper coil connected to inlet and outlet connectors. The incoming mains water supply is heated by the coil as it passes through the reservoir. Because the system is "sealed" no contamination of the incoming supply is possible. Because the supply is at mains pressure, no header tank is necessary, and a low level installation is possible.

COTSWOLD COIL UDDER WASHER

WARM WATER WASHING SYSTEM

INSTRUCTIONS Installation & Maintenance



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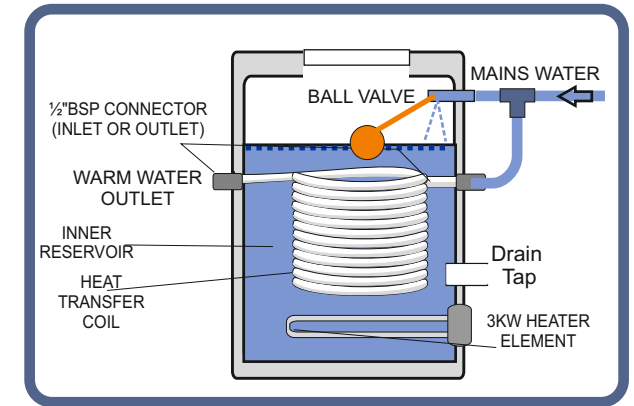
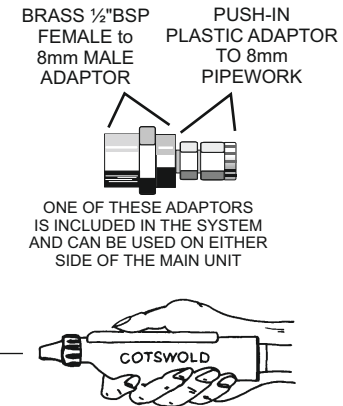
Cotswold COIL-WASHER

UH COMP



- ! A ready supply of fresh clean warm water at mains pressure to wash cows.
- ! Floor mounted stainless steel cabinet with fully insulated stainless steel inner vessel.
- ! 45 Litre / 10 Gallon capacity Heater– Max temp 95 Degrees C.
- ! 3 KW heating element.
- ! An isolated copper heat-exchanger coil runs through the hot water in the heater.
- ! Warm fresh water supplied at mains pressure via the coil.
- ! Suitable for udder washing in large and small parlours.
- ! Capacity to wash every cow or selected cows.
- ! Maximum flow is dependent on mains water pressure.
- ! Warm water available for calf feeding, calvings etc.
- ! Needs only a 13 amp electricity supply.
- ! Thermostatically controlled Temperature.

INSTALLATION AND OPERATING INSTRUCTIONS



SCHEMATIC OF INTERIOR

IMPORTANT
ENSURE ADEQUATE MAINS WATER PRESSURE.
ENSURE EVAPORATION DOES NOT UN-NECESSARILY LOWER THE WATER LEVEL.
EXAMINE AND REGULARLY TOP UP WITH A HAND-HELD JUG IF NECESSARY.

Installation.

When udder-washing a drop point should always be close at hand. To avoid unnecessary over-reaching during milking, drop points should be positioned clear of other suspended hoses to prevent inter-twining and confusion. **Care in planning an installation will help avoid later problems.**

Services.

A water inlet tap (used to regulate and set the flow) and mains electrical supply (13 amps) with a mains isolator switch should be provided.

Siting.

Try to keep the distance between the base unit and the guns to a minimum to avoid water cooling in the line. The Coil-Washer should be positioned in a level position. Connect the mains water supply - entering from either side and leaving from the opposite side. The unit should be within 50 feet (15m) of the furthest drop point unless you are going to fit additional tubing.

Delivery Pipe Installation

(8mm outside diameter x 5mm inside diameter). In a normal installation (other than a circular ring main) the intermediate connections are by push-in Tee pieces, and the last drop point is joined to the main delivery line using an elbow connector. From the furthest drop point, work backwards towards the supply, cutting sufficient straight nylon delivery pipe to join up to the next delivery point and making the connection. Continue making connections back to the supply unit and when you are satisfied that everything is correctly positioned, strap the delivery line to a suitable rigid mounting eg:- vacuum line or milk line.

Operation.

The faster the flow - the cooler the flow will become. However, as the system uses small bore piping, the flow will quickly re-heat as soon as the flow rate diminishes.