



Valves and Unions From Dairy Spares Ltd

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AN 005A



AN 005B



AN 005C



AN 005D



AN 005E

ANKA® Pipe Unions: Are suitable for both vacuum and private water systems being designed for a number of pipe work installations around pumps, tanks, modern dairy installation, irrigation and industry.

The Anka pipe unions are made from top quality glass fibre-reinforced nylon with Nitrile rubber o-rings. This is a high-strength industrial plastic, which is strong, durable and non-corrosive.

Many piping and pumping systems tend to have metal, galvanized, or brass components at some stage of the system, which can corrode and break down over a period of time. Using Anka pipe unions will help reduce the use of metal components and subsequently help eliminate corrosive resulting in leaks and even taints in the water supply.

Features

- Suitable for use around pumps to allow quick and easy installation and service.
- To facilitate the installation of extensive and intricate pipe work systems.
- Durable, strong, non-corrosive material.
- Designed to permit full flow
- Wide range of sizes in BSPT threads
- Suitable for milking installation vacuum systems
- Suitable for bore hole and private cold water supplies
- Not water board approved
- Not suitable for hot water systems

Maximum Working Pressure : 16 bar (1600kpa - 230psi) @ 20°c

Code

Description

AN 005A	Anka© Pipe Union ¾" BPST (20mm)
AN 005B	Anka© Pipe Union 1" BPST (25mm)
AN 005C	Anka© Pipe Union 1¼" BPST (30mm)
AN 005D	Anka© Pipe Union 1½" BPST (40mm)
AN 005E	Anka© Pipe Union 2" BPST (50mm)



Corrosive effect on galvanized unions
and ANKA union comparison



Using two unions on this vacuum pump; one the vacuum supply and the other to the exhaust.

Allows for ease of installation, service and milking parlour testing.



Check and Foot Valve

Anka Check Valves and Foot Valves are spring-loaded non-return valves, which can be installed at any angle. The foot valves (VW020) come complete with a stainless steel filter cage which can be easily removed.

When used with a volume wash down pump (VW005) they serve a dual purpose. Firstly to ensure that when the pump starts the flow is from the water source to the pump and secondly when the pump stops the water does not flow back to the source, keeping the pump primed and under a certain pressure ready for use the next time.

The foot valve can be installed on a flexible suction hose that can be dropped into the bottom of a water supply tank as water can be lifted up to the pump as the pump will remain primed and the suction through the foot valve on operation of the pump is sufficient to lift the water approximately 7 Metres.

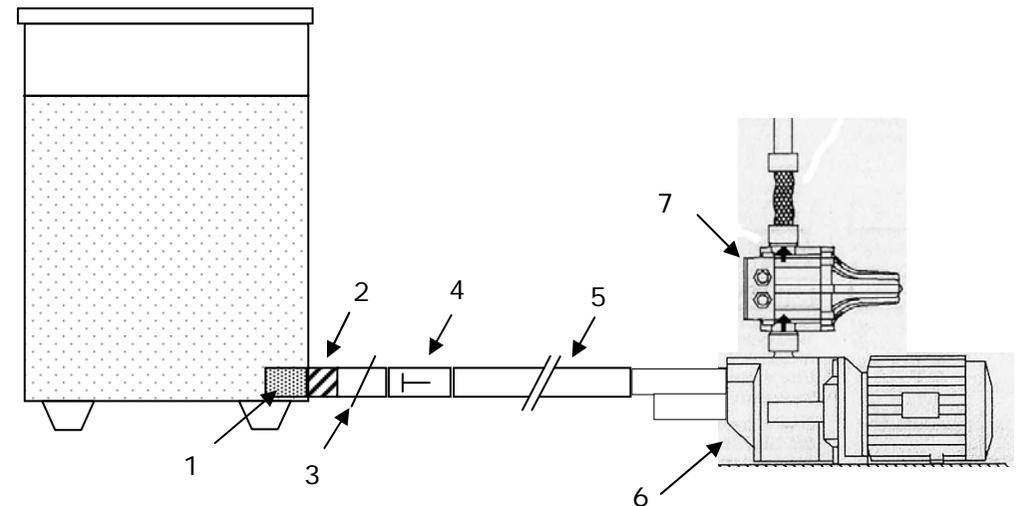
If being piped from a water tank outlet, the check valve can be installed in line as shown in the diagram. The filter may be installed internally to the tank outlet to allow filtration, providing it is readily accessible for cleaning and service ie the tank is not too deep to easily reach the filter.

Check valves may also be installed in water supply lines to reduce the risk of back siphoning and contamination, such as before a plate cooler.

Manufactured from heavy duty glass fibre-reinforced nylon with Nitrile rubber washers and o-rings foot valve with stainless steel filter and spring. Perfect for use on pump suction lines with all types of water including sea water.



Code	Description
AN 006A	Anka© Check Valve 3/4" BPST (20mm)
AN 006B	Anka© Check Valve 1" BPST (25mm)
AN 006C	Anka© Check Valve 1 1/4" BPST (30mm)
AN 006D	Anka© Check Valve 1 1/2" BPST (40mm)
AN 006E	Anka© Check Valve 2" BPST (50mm)
VW020	Anka© Foot Valve & Filter 1 1/4" BPST



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|---|--|---|---------------------------------------|
| 1 | Filter installed inside tank if required | 5 | Water supply pipe, rigid or flexible. |
| 2 | Tank outlet connector | 6 | Volume wash down pump (VW005) |
| 3 | Shut off valve | 7 | Flow controller (VW010) |
| 4 | Anka© Check Valve | | |