

Installation and operation

Hand pump made of polypropylene. EPDM seal (red pump); FKM seal (green pump); NBR seal (blue pump).

Installation

Check the inside diameter of the container neck and select the nearest size drum seal (A). The medium size is fitted to the pump when you receive it - small and large drum seals to be found under flap in box. If another size is required, follow the removal/replacement instructions.

For 25-30 litre standard containers, use two lengths of take-up tube (B) joined together with connectors (C) and attach one end (push fit) to the spigot (D) on the underside of the pump; to the other end, fit the 'standoff' piece (E).

Please note: Dip ends of tubes into warm water for about 60 seconds prior to assembly to reduce risk of splitting. For deeper containers, e.g. 245 litre type, add tubes and connectors to suit, cutting if necessary.

Check that the container neck is clean and dry. Next, insert the pump and pipe assembly into the container and wind the handwheel (F) fully down, which expands the drum seal to effect the air seal necessary and also ensures that the pump is fully secured and ready for operation.

Operation

The container can now be pressurised by pumping handle (G). A pressure relief valve is incorporated to prevent excessive build-up of pressure; however, it is good and safe working practice to pressurise only sufficiently to ensure adequate flow of liquid.

For small amounts of liquid, the flow lever can be depressed to position (H) and held open and additionally the flow can be restricted if required by placing the output restrictor (J) into the spout.

For larger volumes being dispensed or fluids of greater viscosity, the lever can be set to the free flow position (K) which is a 'hands free' situation and pressure maintained by periodic pumping, as necessary.

To de-pressurise the system, release (anticlockwise) the pressure relief valve (L) on the side of the Pump body, where fitted or alternatively rotate webbed collar anticlockwise.

Removal of drum seal

Wind down handwheel (F) which will 'pop' the drum seal over the retaining lip (M) on the pump body base. Rewind the handwheel upwards, which will expose the whole drum seal; slide the clamp ring (N) upwards. Pull off the drum seal.

Replacing a drum seal

Reversing the procedure as above, push on the drum seal and ensure that the bottom of same goes over and locates against the retaining lip - at the same time, ensure that the large diameter flange of the drum seal is relocated into the clamp ring.

No liability can be accepted for improper use or incorrect application of TP-07 hand pumps.

