

LEVER PUMP HP33 HAND OPERATED



Operating Instructions



fig. 2 Fitting and adjustment of telescopic



fig. 1 Screw lock ring fully onto pump.

1. Screw Lock ring fully onto pump to expose the maximum amount of thread to engage into drum closure. (see fig. 1)
2. Screw telescopic uptake pipe into base of pump and tighten. (see fig. 2)
3. Ensure uptake locking sleeve is not tightened and extend the sliding inner tube to the required length to suit the depth of the container. (see fig. 3)
4. **Fully tighten the uptake locking sleeve.**
(note: if this sleeve is not tightened the pump will draw air through the joint and fail to deliver the full volume of fluid.) (see fig. 2)
5. Screw the pump onto the drum, taking care not to damage the plastic thread. The pump should screw on easily as the fit is designed to be quite loose. Should it be difficult to screw on it is likely that the pump is cross threaded and should be removed and refitted. **Do not tighten the pump to the drum** - leave the pump easy to rotate.
6. The pump can be rotated fully through 360° to any operating position.
7. Holding the pump body in its desired position screw down the lock ring (turn clockwise) so that it is in tight contact with the drum. This will anchor the pump securely and prevent movement



fig. 3 Alignment and locking of pump prior to operation

8. **Premature damage to the pump may result if the lock ring is not properly tightened.**
9. The pump is operated by raising and lowering the handle. The pump will normally prime and deliver the full volume of fluid after 3 or 4 strokes. For the best performance use a slow rhythmic action. Do not apply sideways forces to the handle whilst pumping as this can cause internal damage to the pump.
10. The pump can be repositioned by first releasing the lock ring and then following steps 6 to 8.
11. To transfer the pump to another container slacken the lock ring (turn counter-clockwise) before unscrewing the pump. **If the lock ring is not released first then the thread on the pump body will be damaged.**

Possible operating Faults

Pump does not deliver full volume of fluid	Check outlet spout filter gauze for blockage. Check that telescopic uptake pipe is firmly secured to pump. Check that uptake locking sleeve is fully tightened.
Pump moves or feels insecure whilst pumping	Re-tighten the pump locking ring. Container is flexing and is not suited to this type of pump.

Caution :

This pump is suitable for pumping a very wide variety of fluids. To achieve this range of compatibility requires the appropriate selection of seal material used within the pump.

These seal options are nitrile, Viton® or EPDM.

Contact your supplier for full compatibility details .