Watertight International Ltd
FLOOD PROTECTION

INSTRUCTIONS:- (Without using Extension Sleeve)

1) Lift manhole & indentify Drainage Flow direction by flushing the toilet, also indentify how many pipes are out -going from property (Fig 1). (you will need to fit a non return valve to each out – going pipe from property).

2) Clean out all incoming pipes to remove any slime etc.

4) Remove non return valve from packaging

5) Offer valve body into pipe (without "0" Rings) to ensure there are no obstacles within the pipe

6) Remove valve from pipe and fit a single "0" Ring onto shallow end of first groove on valve body (Fig 2).

7) With hinge aligned vertical (Fig 3) offer valve back into pipe and push in right up to Body Shoulder (Fig 4) or at least past "0" Ring. If valve is a tight fit then leave in place, if however the valve is a sloppy fit remove and place a 2nd "0" Ring onto the shallow end of the 2nd groove on valve body (Fig 2) and re-insert into pipe. 8) For normal use rotate locking lever clockwise to vertical position (Fig 3)

9) For Maintenance use by Local Water Authority or plumber the locking lever can be rotated anti-clockwise until its slots into Hinge and this will manually close valve off (Fig 5) however the valve should not be left in this position or back-up will occur in the property out-going pipes.

ALTERNATIVE:- (For Extension Sleeve use)

10) If the manhole pipes are set back (Fig 6) then the extension sleeve (supplied) may be required.

11) To fit this extension sleeve simply align sleeve pips with valve body holes/Slots and push in until pips snap into holes (Fig 7a & 7b)

Steps 5),6),7),8) & 9) can now be applied but with "0" rings fitted to extension sleeve rather than valve body.

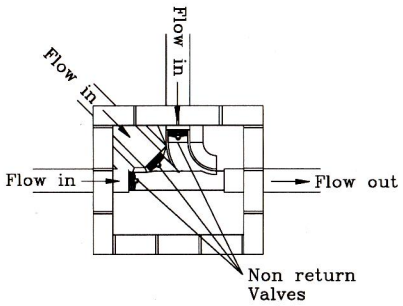

Fig 1

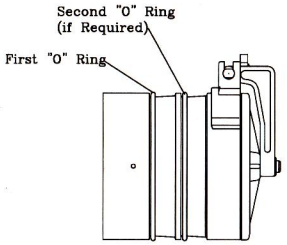

Fig 2

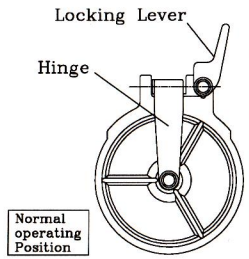

Fig 3

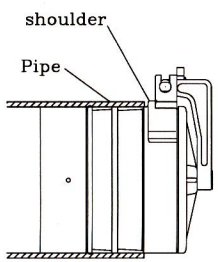

Fig 4

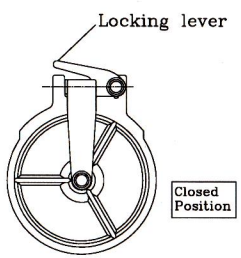

Fig 5

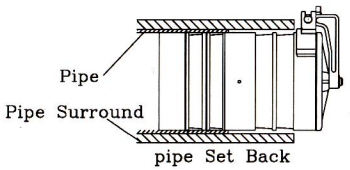

Fig 6

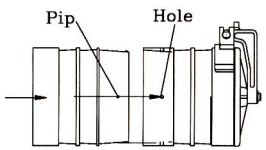

Fig 7a

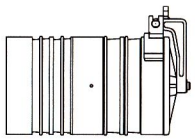
Fig 7b

Made in UK by Polvik Ltd

Patent Pending number UK 0913189.7

MAINTENANCE INSTRUCTIONS:-

The Watertight International Ltd (NRV) has been designed to ensure free sewage flow from your property and eliminating the risk of back flow into your property.

This valve will also provide protection against animal intrusions.

Regular simple maintenance is recommended.
A visual inspection by lifting the man hole cover carefully, ensuring that the valve can operate efficiently. If you have to enter the manhole ensure all other entry points are blocked off before you start to work. When leaving the manhole ensure all entry points are clear except the one with the (NRV) in it.

This should be carried out, Prior and Post flood times.

The Watertight International Ltd (NRV) will activate the moment that flooding occurs in the manhole.

When the flood has receded dirt and debris may be left in your manhole.

This must be cleaned away to ensure operation efficiency for next time. Either pick the debris out or hose down with a pipe. If using this method make sure the (NRV), is locked. (see fig.5). Once clear unlock (NRV). (see fig.3)..

WARNING

If the unit is not installed and maintained in accordance with the manufacturers instructions the manufacturer assumes no responsibility for any resulting loss. The Watertight International (NRV) has been designed specifically for home application with floodwater. Any other use is a misapplication: e.g. use to prevent leakage of hazardous industrial chemicals. In the event of misapplication, the manufacturer assumes no responsibility for any resulting loss.

<u>This document should be kept within the property pack and therefore passed onto the next homeowner in the event of a property sale.</u>