## WATER REGULATIONS

## INFORMATION SHEET

ESSEX GSUFFOLK
WATER

## TYPE ‘AA’ \& TYPE ‘AB’ AIR GAPS



Fittings may be supplied from these systems by either gravity or a pump / booster set.

The information contained within this document is for information only and is correct at the time of issue. All installations must conform to the requirements of the Water Supply (Water Fittings) Regulations 1999. Essex \& Suffolk Water can accept no liability for any loss or injury resulting from the use of this information.

## WATER REGULATIONS

## INFORMATION SHEET

ESSEX \&SUFFOLK WATER

## TYPE ‘AB’ AIR GAPS - WEIRS COMPLYING TO FORMER BS6281



Bottom of float operated valve body to be no lower than top of weir.


VIEW A
Examples Of Acceptable Weir Sizes At 3.6 Bar Supply Pressure :

| Internal Diameter Of Inlet Pipe mm (inch) | WMinimum Weir Width (mm) |  | OW <br> Required Depth Of Weir Cut (mm) | CW <br> Maximum Thickness Of Weir Crest (mm) | UW <br> Minimum Vertical Depth Below Weir (mm) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  | Unobstructed | $\begin{gathered} \text { Meshed } \\ 0.65 \mathrm{~mm} \\ \text { Max opening } \\ \hline \end{gathered}$ |  |  |  |
| 13 (1/2") | 150 | 360 | 50 | 110 | 45 |
| 20 (3/4") | 210 | 505 | 75 | 175 | 70 |
| 26 (1") | 260 | 625 | 104 | 255 | 105 |
| 39 (1 1/2") | 350 | 840 | 140 | 310 | 125 |
| 46 ( $13 / 4{ }^{\prime \prime}$ ) | 400 | 960 | 165 | 355 | 145 |
| 52 (2") | 500 | 1200 | 190 | 420 | 170 |
| 72 (3") | 600 | 1440 | 295 | 750 | 300 |
| 102 (4") | 750 | 1800 | 370 | 814 | 325 |

The information contained within this document is for information only and is correct at the time of issue. All installations must conform to the requirements of the Water Supply (Water Fittings) Regulations 1999. Essex \& Suffolk Water can accept no liability for any loss or injury resulting from the use of this information.

## MAINS SUPPLIED COMMERCIAL STANDPIPES



Note:-
If a Hose Union tap is fitted, then the standpipe must not be installed within 20 m of a bin store, or on a non-domestic premises, unless supplied via a type 'AA' or type 'AB' air gap.

The information contained within this document is for information only and is correct at the time of issue. All installations must conform to the requirements of the Water Supply (Water Fittings) Regulations 1999. Essex \& Suffolk Water can accept no liability for any loss or injury resulting from the use of this information.

