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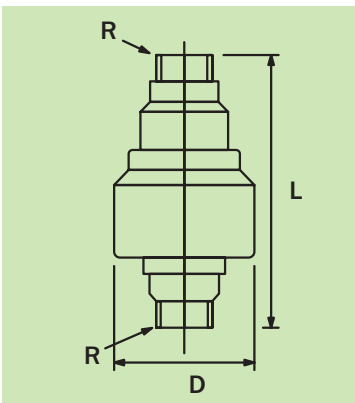
PIPE INTERRUPTERS

Fig 256A



BODY MATERIAL :BRASS
 VENTURI NOZZLE :PLASTIC
 O. RING SEALS :EPDM

DIMENSIONS



SIZE DN	R BSP	L	D	Kv
10	3/8	83.5	30	0.33
15S	1/2	83	30	0.33
15	1/2	91	43.5	0.9
20	3/4	88	43.5	1.14

APPLICATIONS

Pipe Interrupters are Anti-Pollution devices used to prevent siphonage or backflow in pipework by creating an open vent to atmosphere. Conforming to the requirements of EN1717 they are suitable for working pressures up to 10 bar and temperatures up to 60 Deg C.

The Fig 256A is classified as a DC type suitable for protecting up to fluid category 5. Incorporating ventilation ports that are totally unrestricted and permanent, water is guided past these air vents using a venturi type nozzle. Since they are constantly open to atmosphere this stops siphonage and allows the escape of water in the event of backflow.

The Fig 256B is classified as a DB type suitable for protecting up to fluid category 4. This device has a moving element which seals the ventilation gaps during normal flow conditions. When negative pressures occur on the inlet side which could cause siphonage, the membrane retracts seals the flow ports and simultaneously vents the outlet side of the pipe interrupter.

CONSTRUCTION

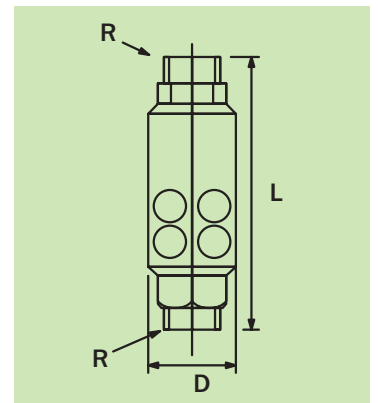
Approved by the WRAS for use on potable water standard pipe interrupters are supplied with chromed bodies and have external BSP threads on both ends. The DN15 and DN20 sizes of the Fig 256B can also be supplied with BSP internal threads on the inlet connection. A special DN15'S' version of the Fig 256A is available for low flow conditions.

Fig 256B



BODY MATERIAL :BRASS
 INTERNALS :PLASTIC
 MEMBRANE :EPDM

DIMENSIONS

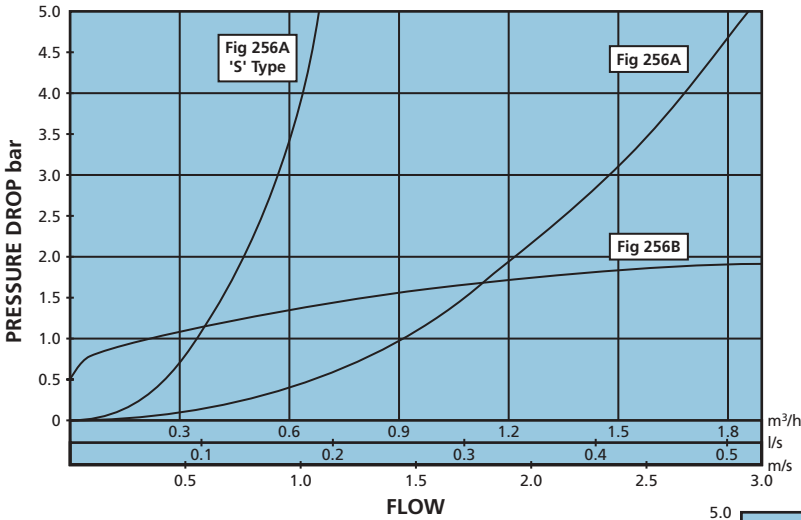
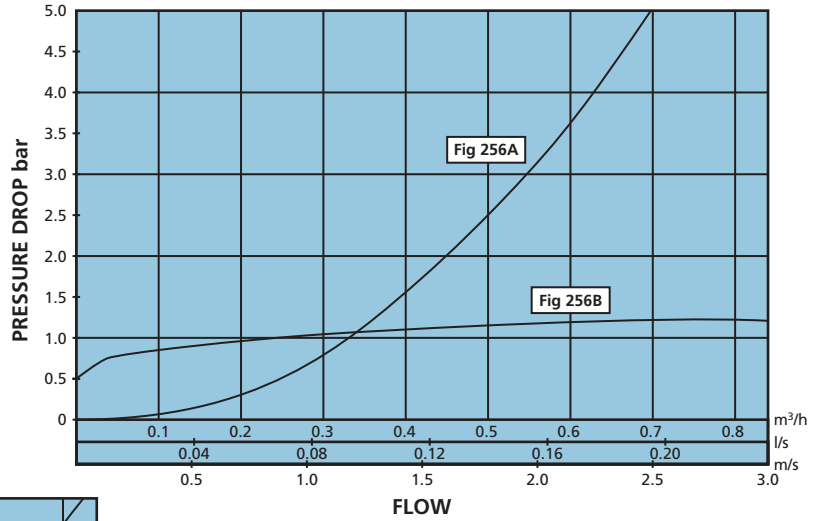


SIZE DN	R BSP	L	D	Kv
10M	3/8	89	29	0.26
15M	1/2	89	29	0.26
20M	3/4	89	29	0.61
15F	1/2	82	29	0.26
20F	3/4	68	29	1.61

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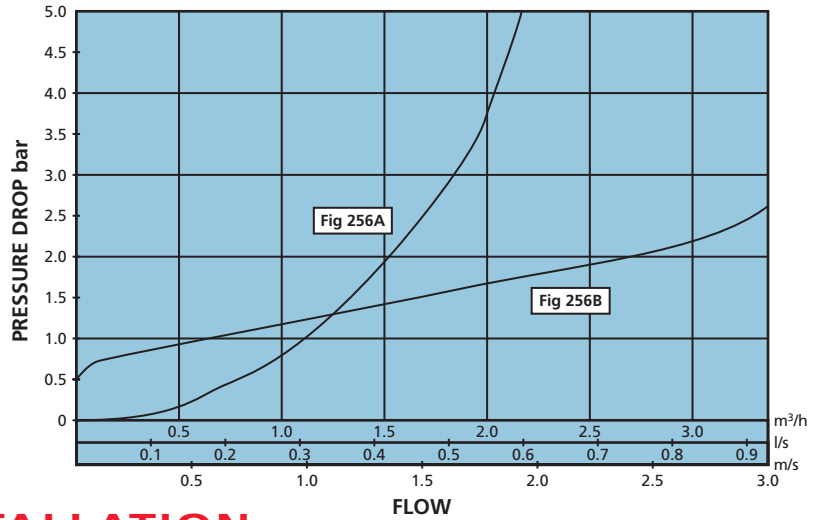
FLOW CHARACTERISTICS

DN 10



DN 15

DN 20



INSTALLATION

The devices should be fitted in the vertical position with downwards flow in a readily accessible location. They must be installed with the lowest point of the air apertures at least 300mm above the highest possible water level. The only exception is on urinals where the DC type can be fixed not less than 150mm above the sparge pipe outlet. There shall be no valve or restriction on the outlet side of the interrupter and they should not be fitted in locations liable to flooding.

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