



BS 1212 : Part 1 : 1990

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British Standard

# Float operated valves

Part 1. Specification for piston type float operated valves  
(copper alloy body) (excluding floats)

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Robinets à flotteur

Partie 1. Robinets à flotteur de type piston (corps en alliage de cuivre)  
(à l'exclusion des flotteurs) — Spécifications

Schwimmerventile

Teil 1. Kolbenschwimmerventile (mit Gehäuse aus Kupfer) (ausgenommen Schwimmer)

British Standards Institution

## Foreword

This Part of BS 1212 has been prepared under the direction of the Building Services Standards Committee and specifies requirements for piston type float operated valves (excluding floats). It supersedes BS 1212 : Part 1 : 1953, which is withdrawn.

The new features in this Part of BS 1212 include the following:

- (a) the possible production of certain components from plastics materials;
- (b) an extension of the range of sizes of plastics seats;
- (c) a seat numbering system;
- (d) a bottom entry inlet connection and its associated inlet elbow, with adjustable stay;
- (e) a recognition of the greater lifting effort of plastics floats over copper floats of equivalent size;
- (f) the supply of size  $\frac{3}{8}$  and size  $\frac{1}{2}$  levers with a downturn portion fitted with a float adjuster and thumb screw;
- (g) a further method of production for two piece levers
- (h) a test for plastics backnut strength, in line with BS 1212 : Part 3;
- (j) a test for plastics locknut strength;
- (k) a recognition of current manufacturing practice by deletion of reference to the use of agate tipped seats.

Due to the fact that valves covered by this Part of BS 1212 do not provide the appropriate backsiphonage protection required by the Water Byelaws, it is recommended in the case of nominal size  $\frac{1}{2}$  valves that a valve covered by one of the other Parts of BS 1212 be used for applications where backsiphonage protection is required. Alternatively, a valve covered by BS 1212 : Part 1 can be used in these cases if a suitable protective device is connected to the feed pipe to the valve. For nominal size  $\frac{3}{4}$  and above, such a device should be used whenever backsiphonage protection is required.

Advice on suitable protective devices is given in the Water Research Centre publication 'Water Fittings and Materials Directory'\* and in BS 6700.

This Part of BS 1212 has been revised in metric terms, except for certain thread sizes and pipe thread designations which are retained in imperial sizes to accord with BS 2779.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

\*Obtainable from the Water Research Centre, Water Byelaws Advisory Service, 660 Ajax Avenue, Slough, Berkshire SL1 4BG.

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