



水務署

Water Supplies Department

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Reference

(4) in WSD 3321/17 Pt.1 T/J(713)

12 July 2017

Approval of "FLUIDMASTER" Float Operated Valve

Your letters ref. D74/2017/0003 and D74/2017/0003, 3321/17 Pt.1 T/J(713) dated 13 June 2017 and 28 June 2017 respectively refer.

It is noted that the fitting described below has been accepted by the United Kingdom Water Regulations Advisory Scheme (WRAS) to have complied with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations / Scottish Water Byelaws when correctly installed.

Name of Manufacturer: Fluidmaster Inc

Country of Origin: China

Brand: Fluidmaster

Details of Fitting: Servo assisted bottom entry WC float operated inlet valve with plastic body and EPDM seals. The outlet discharges at the bottom of the valve via an outer wall and also incorporates an anti-vacuum device situated at the top of the valve. Supplied with a plastic backnut. Maximum working pressure 10.3 bar. Cold water use only.

Model: PRO45B

Size: ½" Male BSP inlet

Marking: Fluidmaster on cap. Model on float component.

WRAS Approval Number: 1609080

Installation Requirements: R001, R160, R280, R390

Expiry Date: 30 September 2021

In view of the acceptance by WRAS, this Authority has no objection to the use of the said fitting in flushing water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirements –

“Installation shall comply with the ‘Installation Requirements & Notes’ of the WRAS’s approval letter concerned.”

“The flushing volume of the flushing valve should be adjusted to suit the design of the toilet bowl so that wastes can be cleared effectively by a single flush.”

“The maximum flushing cistern volume including that of dual flush cisterns for use in conjunction with the fitting shall not exceed 7.5 litres per flush.”

“The fitting should be used within the range of working pressures specified by the manufacturer.” AND

“The installed fitting should not result in backflow of water that will contaminate the flushing water supply.”

A condition of this acceptance is that the fitting to be installed should be replicas of the sample certified by WRAS and no modification should be made to the fitting. This acceptance may be withdrawn at any time if the standard of the fitting installed fails to meet that of the approved sample or if the fitting is found to be unsuitable for use in flushing water plumbing systems.

For the use of the fitting in any project, the Acceptance Reference Number at the bottom of this letter must be quoted as a means of identification of acceptance of the fitting by this Authority.

Should you have any enquiries, please contact our Engineer Mr Terry KUNG at tel. no. 2294 2656.

Yours faithfully,



(CHAN Chung Kun)
for Water Authority

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



PRO45B