



水務署

Water Supplies Department

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Reference

(8) in WSD 3321/17 Pt.1 T/J(133)

30 June 2017

Approval of "VADO" Thermostatic Blending Valves

Your letter ref. L17-015 dated 22 February and subsequent clarification by email on 14 June 2017 refer.

It is noted that the fittings described below have 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: Vado

Country of Origin: UK

Brand: Vado

Details of Fittings: Range of concealed or bar type wall mounted thermostatic shower valves (chromium plated brass). Temperature is controlled via a thermostatic cartridge:

Models DGS-149-1/2-C/P also incorporates a ceramic disk headwork which controls the flow operated by dome type operating members.

Model ALT-163A-C/P is operated by a dome type operating member.

Model VEL-149/RRK/DIV/ST-C/P also incorporates a ceramic disk headwork which controls and diverts the flow operated by dome type operating members.

Model CEL-149-1/2-C/P also incorporates a ceramic disk headwork which controls the flow operated by single lever operating members.

Model CEL-149-3/4-C/P also incorporates a ceramic disk headwork which controls the flow and is supplied with single lever operating members.

Model CEL-163-C/P is operated by a single lever operating member.

Model TE-149T-C/P also incorporates a ceramic disk headwork which controls the flow operated by cube type operating members.

Model VEL-149/RRKSQ/DIV-C/P also incorporates a ceramic disk headwork which controls and diverts the flow operated by cube type operating members.

Model WG-15951-C/P also incorporates a ceramic disk headwork which controls the flow operated by single lever and a cross top operating members.

Both inlets incorporate a single check valve cartridge (suitable for backflow protection against Fluid Category 2) and stainless steel strainers. Maximum working pressure 5.0 bar. Maximum operating temperature 60°C.

Model, Marking and Size:

Model	Marking	Size
CEL-163-C/P	VADO located on faceplate	½" BSP male inlets
WG-15951-C/P	VADO located on faceplate	¾" BSP inlets
ALT-163A-C/P	VADO located on mixer body	
CEL-149-1/2-C/P	VADO located on mixer body	½" x ¾" BSP offset union inlets
CEL-149-3/4-C/P	VADO located on mixer body	
DGS-149-1/2-C/P	VADO located on mixer body	
TE-149T-C/P	VADO located on mixer body	
VEL-149/RRK/DIV/ST-C/P	Nil	
VEL-149/RRKSQ/DIV-C/P	Nil	

WRAS Approval Number: 1609049

Installation Requirements: R001, R040

Expiry Date: 30 September 2021

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

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

“The cold water supply to the fittings shall be drawn from the same source that supplies the hot water apparatus so as to provide a balanced pressure and to obviate the risk of scalding in the event of a restriction or failure in the water supply.” AND

“The shower head or handspray should not be placed in submerged conditions and should be securely fixed to the original position after use.”

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

This acceptance is only applicable to the main body of the fittings, unless other specified.

For the use of the fittings 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 fittings by this Authority.

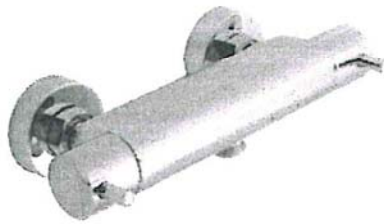
Should you have any enquiries, please contact our Engineer Mr Terry KUNG at tel. no. 2294 2656.

Yours faithfully,

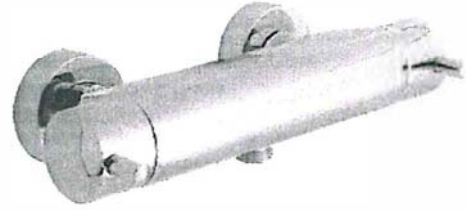


(CHAN Chung Kun)
for Water Authority

c.c. WSD 3321/1/82] - without catalogue
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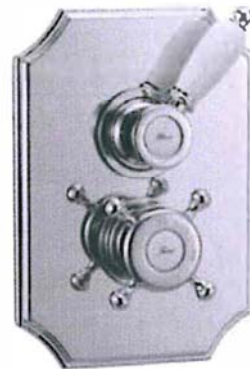
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CEL-149-3/4-C/P



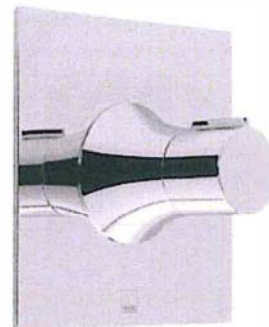
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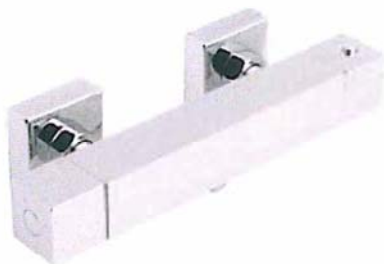
WG-15951-C/P



CEL-163-C/P



ALT-163A-C/P



TE-149T-C/P



VEL-149/RRK/DIV/ST-C/P



VEL-149/RRKSQ/DIV-C/P