

SPECIFICATION WORDINGS

CISTERMISER AND KERAFLO PRODUCT RANGES

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CISTERMISER PRODUCT RANGE

Hydraulic Valve – Specification Wording

The installer shall supply and install a urinal flushing device of the ‘Cistermiser Hydraulic Valve’ type on the supply pipe to the urinal cistern, as shown on the drawing. The flushing control device shall be a mechanical, hydraulic device operated by changes in system pressure due to demand on connected water services within the washroom.

Standard Valve

The flushing control device shall be suitable for supply system pressures of between 0.5 and 6.0 bar (typically either mains water or tank-fed systems above 5m head).

Low Pressure Valve

The flushing control device shall be suitable for supply system pressures of between 0.3 and 0.5 bar (typically tank-fed systems between 3m and 5m head).

The above flushing device shall be as manufactured by: Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading RG5 3AN Tel: 0118 969 1611.

IRC Valve – Specification Wording

The installer shall supply and install a urinal flushing device of the ‘Cistermiser IRC’ type on the supply pipe to the urinal cistern, as shown on the drawing.

The flushing control device shall consist of a PIR sensor with a control unit and a brass-bodied solenoid valve assembly with integral flow regulator.

The flushing control device should have a hygiene flush function for periods of low use.

The flushing control device shall be suitable for supply system pressures of between 0.1 and 6.0 bar.

The flushing control device shall be suitable for connection to either 230V, 50 Hz single phase supply with battery back-up, or powered by 4 x 1.5V alkaline batteries of type LR6.

The flushing control device shall provide access to batteries without the need to de-mount the sensor.

The flushing control device shall have provision to be mounted directly on the pipework or remotely using the flush mounting bracket supplied.

The above flushing device shall be as manufactured by: Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading RG5 3AN Tel: 0118 969 1611.

Direct Flush – Specification Wording

Direct Flush Discreet

The installer shall supply and install a urinal flushing device of the Cistermiser DFD type for concealed installation where service access is provided externally. A Cistermiser DFD is to be fitted to each individual urinal. The flushing control device is to consist of a PIR sensor remotely mounted above the urinal and controlling a solenoid valve with an integral DC pipe interrupter to comply with Water Regulations.

Direct Flush Accessible

The installer shall supply and install a urinal flushing device of the Cistermiser DFA type for installation where service access is not provided. A Cistermiser DFA is to be fitted to each individual urinal.

The flushing control device is to consist of a PIR sensor controlling a solenoid valve with an integral DC pipe interrupter to comply with Water Regulations. The sensor, valve and integral power supply are to be contained within a mounting unit with removable face plate to allow service access once installed. The unit is to be mounted above the urinal so that the removable face plate is flush with the finished wall surface.

Direct Flush Discreet & Direct Flush Accessible

The flushing control device is to be fully configurable for flush time and duration, sensing distance, flush arrest and is to be programmable either manually or by use of the ICU (remote control) where supplied. The unit should also have a programmable periodic hygiene flush function for periods of low use and a cleaner's function to conserve water during routine cleaning and maintenance.

The flushing control device is to be suitable for connection to either 230V 50Hz AC single phase supply or from 4 x 15V alkaline batteries of type LR6. For multiple product installations the device is to have the option of being installed with a common power supply unit (PSUC) capable of powering several units from one 230V fused spur.

The unit should be the Cistermiser Direct Flush as manufactured by: Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading RG5 3AN
Tel: 0118 969 1611.

Easyflush – Specification Wording

The installer shall supply and install a no-touch dual flush, sensor operated flush and fill delayed action valve to each WC cistern.

The valve shall consist of a single remote sensor, solenoid-operated flush valve and combined integral fill valve. The inlet will include a double check valve. The unit will be of a dual flush capability from one sensor and the flush volume will be adjustable both for part and full flush functions.

The sensor will be programmable for operating range, part flush time, cistern refill time and part flush operation (default is for part flush to be active). The unit should also incorporate a cleaner's function to minimise water usage during routine cleaning operations. The programming can be carried out manually by hand or by means of the optional ICU (remote control).

The flush valve and inlet valve are to be linked (delayed action between inlet and outlet) to ensure that no water can enter the cistern during the flush cycle to prevent excess water usage. Compliance with BREEAM Wat 01.

The unit should have a periodic hygiene flush function to ensure facilities are kept in a clean and hygienic condition.

The flush and fill valve is to be suitable for connection to either 230V 50Hz AC single phase supply or from 4 x 1.5V alkaline batteries of type LR6. For multiple product installations the device is to have the option of being installed with a common power supply unit (PSUC) capable of powering multiple units from one 230V fused spur. The unit is to be suitable for mounting in a variety of cisterns and is to be easily installed and removed for maintenance purposes via a bayonet locking device.

The WC cistern flushing valves should be the Easyflush Wave or Walkaway no-touch dual flush WC valve as manufactured by: Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading, RG5 3AN Tel: 0118 969 1611.

Easyflush Direct – Specification Wording

The installer shall supply and install a no-touch dual flush, sensor operated flush.

The unit will be of a dual flush capability from one sensor and the flush volume will be adjustable both for part and full flush functions.

The sensor will be programmable for operating range, part flush and full flush operations (default is for part flush to be active).

The unit should also incorporate a cleaner's function to minimise water usage during routine cleaning operations.

The programming can be carried out manually by hand or by means of the Infrared Control Unit (not supplied).

The unit shall operate without the need for a WC cistern.

The unit should have a periodic hygiene flush function to ensure facilities are kept in a clean and hygienic condition.

For multiple product installations the device is to have the option of being installed with a common power supply unit (PSUC) capable of powering several units from one 230V fused spur.

The WC flushing valves should be the Easyflush Direct Wave or Walkaway no touch mains flushing WC valve as manufactured by: Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading RG5 3AN Tel: 0118 969 1611.

Novatap and Vectatap – Specification Wording

The installer shall supply and install hands-free, infrared activated deck-mounted (Novatap, Vectatap) to all wash hand basin outlets. The units shall be for single water supply; either cold or temperature controlled hot water and will incorporate a pressure compensated flow regulator.

The unit will be programmable for sensing range and run-on duration. The unit will also have a periodic hygiene rinse function to minimise bacterial infection such as legionella and have a cleaner's function for routine janitorial servicing.

The touch-free basin tap is to be suitable for connection to either 230V 50Hz AC single phase supply or from 4 x 1.5V alkaline batteries of type LR6.

For multiple product installations the device is to have the option of being installed with a common power supply unit (PSUC) capable of powering several units from one 230V fused spur.

The infrared taps should be the Novatap or Vectatap as manufactured by:
Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading RG5 3AN Tel: 0118 969 1611.

Sensazone – Specification Wording

Hea 06 (H4)

Where evidence provided demonstrates that lighting in all occupied areas is zoned to allow separate control.

The Sensazone system is to provide control to the lighting, specifically in the washroom area, to ensure that lighting is only on when the area is occupied and is automatically switched on for the convenience of users.

Hea 07 (H4)

Where lighting controls allow commonly required lighting settings to be made quickly and easily by building occupants. Users not familiar with the facility are also catered for by means of the PIR sensor lighting which is automatically switched on when a user is detected.

Ene 04 (H4)

Where energy efficient external luminaires are fitted and all light fittings are controlled for the presence of daylight.

The Sensazone system is to provide control of the lighting within the washroom area so that the lighting is only on during periods when the washroom is occupied and there is insufficient daylight.

Wat 03 (H4)

Where evidence is provided to demonstrate that proximity detection shut-off is provided to the water supply to all urinals and WCs.

The unit is to consist of an interface module, a light and fan control (where applicable).

The washroom control unit should be the Sensazone as manufactured by: Cistermiser Limited, Unit 1, Woodley Park Estate, 59-69 Reading Road, Woodley, Reading RG5 3AN
Tel: 0118 969 1611.

KERAFLO PRODUCT RANGE

K Type Aylesbury Valve – Specification Wording

Equilibrium float valve with DZR brass body, having fixed delayed action and adjustable close level. The up and over discharge conforms in principle to BS.1212 Part 2. The valve features a non-wearing maintenance-free ceramic disc seal for water pressure up to 10 Bar. Primarily for standard water cisterns with raised chamber.

WRAS listing no. 1306039
Standard Flow: $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 2", 2 $\frac{1}{2}$ "
High Flow: 1 $\frac{1}{2}$ ", 2"
Reduced Bore: 3"

KAX Type Aylesbury Valve – Specification Wording

Equilibrium float valve with DZR brass body, having fixed delayed action and adjustable close level. The up and over discharge conforms in principle to BS.1212 Part 2. The valve features a non-wearing maintenance-free ceramic disc seal for water pressure up to 10 Bar. Primarily for standard water cisterns with or without raised chamber.

WRAS listing no. 1306039
Standard Flow: $\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 2", 2 $\frac{1}{2}$ "
High Flow: 1 $\frac{1}{2}$ ", 2"
Reduced Bore: 3"

KB Type Aylesbury Valve – Specification Wording

Equilibrium float valve with DZR brass body, having fully variable delayed action. The up and over discharge conforms in principle to BS.1212 Part 2. The valve features a non-wearing maintenance-free ceramic disc seal for water pressure up to 10 Bar. For standard water cisterns with or without raised chamber.

WRAS listing no. 1306039
Standard Flow: ¾", 1", 1¼", 2", 2½"
High Flow: 1½", 2"
Reduced Bore: 3"

KP Type Aylesbury Float Valve Kit – Specification Wording

The KP float valve kit comprises an in-line control valve together with an Aylesbury KB type valve acting as a pilot. The KB type is an equilibrium float valve with DZR brass body, having fixed delayed action and adjustable close level. The up and over discharge conforms in principle to BS.1212 Part 2. The valve features a non-wearing maintenance-free ceramic disc seal for water pressures up to 10 Bar. For standard water cisterns with or without raised chamber.

Valve sizes: 1½", 2", 2½", 3", 4", 6", 8"
(For other sizes, contact Keraflo)

KS Type Aylesbury Stainless Steel Valve – Specification Wording

Stainless Steel equilibrium float valve, having fixed delayed action and adjustable close level. The up and over discharge conforms in principle to BS.1212 Part 2. The valve features a non-wearing maintenance-free ceramic disc seal for water pressures up to 10 Bar. For standard water cisterns without raised chamber.

Valve sizes: $\frac{3}{4}$ " , 1" , 1 $\frac{1}{4}$ " , 1 $\frac{1}{2}$ " , 2"