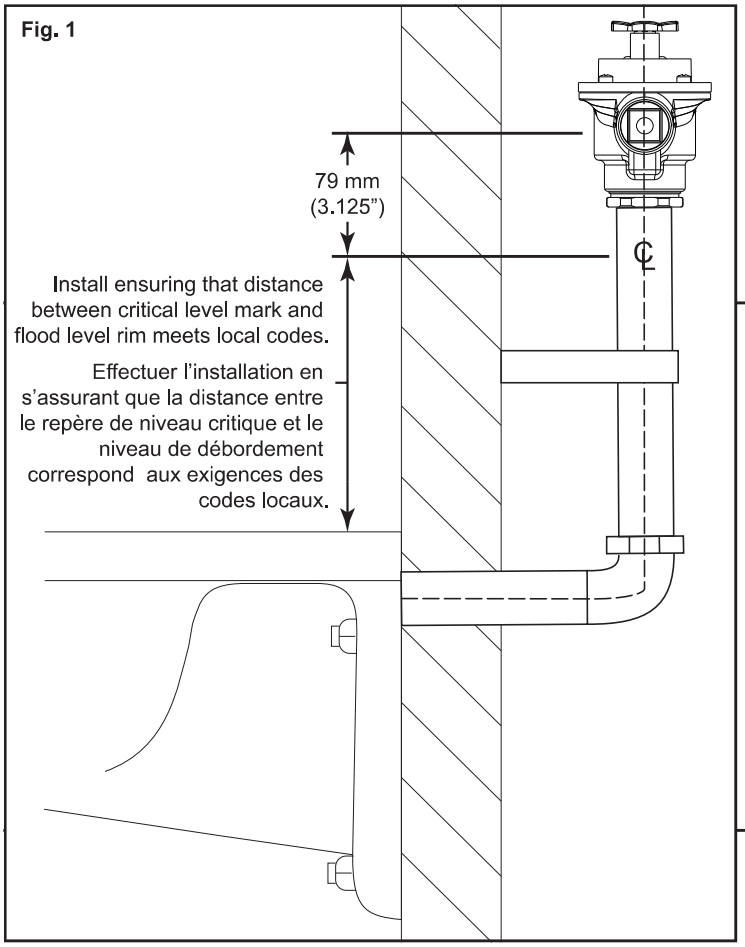
BEFORE THE FIRST FLUSH / AVANT D'ACTIONNEUR LE ROBINET DE CHASSE LA PREMIÈRE FOIS

Fig. 1



FLUSH BOTH OLD AND NEW PIPES:

It is important to FLUSH and CLEAN thoroughly both new and old water piping to ELIMINATE contaminants (i.e., scale, sediment, gravel, cuttings, solder, etc.) from the line. Where the water has a sediment content, a PIPE STRAINER in the supply line should alleviate that condition and protect working parts of flushometers and faucets.

On a NEW INSTALLATION, always flush the valve 4 or 5 times to clean out supply line debris. It is also advisable where more than one flushometer is installed on a water line, to flush out the water piping through the last flushometer outlet of the pipe line.

RINCER ABONDAMENT LES ANCIENNES TUYAUTERIES, AINSI QUE LES NEUVES :

Il est important de RINCER et de NETTOYER À FOND les tuyauteries d'eau, aussi bien anciennes que neuves, afin d'en ÉLIMINER toute trace d'écaille de rouille, dépôt, sable, limaille ou résidus de brasure. Lorsque l'eau est constamment chargée en solides, la pose d'un FILTRE sur la tuyauterier d'alimentation devrait permettre de résoudre ce problème et d'assurer la protection des pièces mobiles du robinet de chasse et des autres robinets.

Dans le cas d'une INSTALLATION NEUVE, toujours faire fonctionner le robinet 4 ou 5 fois afin d'eliminer les débris de la tuyauterie d'alimentation. Pour des robinets de chasse installés en batterie, il est également conseillé de rincer la tuyauterie d'alimentation commune par la sortie du dernier robinet de chasse.

ELIMINATE AIR FROM VALVES:

The FIRST FLUSH should ELIMINATE all air from the TECK flushometer.

DO NOT ADJUST flushometer based on the results of the first flush.

ÉLIMINATION DE L'AIR :

À la PREMIÈRE UTILISATION du robinet de chasse TECK, tout l'air devrait en être éliminé.

NE PAS RÉGLER le robinet de chasse en se basant sur la première utilisation.

FLUSH VOLUME ADJUSTMENT:

0.125 U.S. gallons / 0.5 litres for urinal valves.

0.5 U.S. gallons / 1.9 litres for urinal valves.

1.27 U.S. gallons / 4.8 litres for water conserving closet valves.

1.60 U.S. gallons / 6.0 litres for water closet valves.

The regulating screw (061024A, item #6) may be adjusted according to job conditions and fixture installed, to the proper water volume to flush that particular fixture (except -05, -19, -48 and -6 models, which are not field adjustable).

NOTE: 4.8 and 6 litre water closets may require the ANGLE STOP to be SET at only ONE TURN OPEN.

For a SHORTER flush, turn the regulating screw (061024A, item #6) left (counter-clockwise) and right (clockwise) for a LONGER flush (except -05, -19, -48 and -6 models, which are not field adjustable).

RÉGLAGE DU VOLUME DE CHASSE :

0,125 U.S. gallons / 0,5 litres dans le cas de urinoirs.

0,5 U.S. gallons / 1,9 litres dans le cas des urinoirs.

1,27 U.S. gallons / 4,8 litres d'eau dans le cas de cuvette de toilette à faible consommation.

1,6 U.S. gallons / 6,0 litres d'eau dans le cas de cuvette de toilette régulière.

La vis de réglage (061024A, article n°6) permet de régler le robinet aux conditions rencontrées sur le site et à l'appareil installé, afin d'obtenir le volume d'eau par chasse convenant à cet appareil (à l'exception du modèles N°-05, N°-19, N°-48 et N°-6 qui n'est pas réglable en service).

REMARQUE: Dans le cas des cuvettes requérant 4,8 et 6 litres d'eau à action de chasse par gravité, il peut être suffisant d'ouvrir le ROBINET D'ARRÊT D'ÉQUERRE que d'UN TOUR SEULEMENT.

Tourner la vis de réglage (061024A, article n°6) vers la gauche (sens contraire des aiguilles d'une montre) pour DIMINUER la durée de chasse, et vers la droite (sens des aiguilles d'une montre) pour l'ALLONGER (à l'exception du modèles N°-05, N°-19, N°-48 et N°-6 qui n'est pas réglable en service).

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TO PREVENT WATER HAMMER:

A capped-pipe vertical AIR CHAMBER may be installed at the last flushometer and/or at the back of an individual installation. This assures SMOOTHER OPERATION of the valves and longer life for the working parts.

PRÉVENTION DES COUPS DE BÉLIER :

Une CHAMBRE D'AIR, constituée d'un tuyau horizontal fermé par un bouchon, doit être prévue à l'extrémité de la tuyauterie d'alimentation d'une batterie de robinets de chasse, ainsi qu'à l'arrière d'un appareil individuel. Il en résulte un FONCTIONNEMENT PLUS DOUX des robinets et la durée de vie des pièces mobiles s'en trouve prolongée.

RECOMMENDED WATER SUPPLY:

WC - minimum flowing pressure: 25 psi (172 kPa), minimum flow rate: 25 gpm (95 lpm)

UR - minimum flowing pressure: 25 psi (172 kPa), minimum flow rate: 8 gpm (30 lpm)

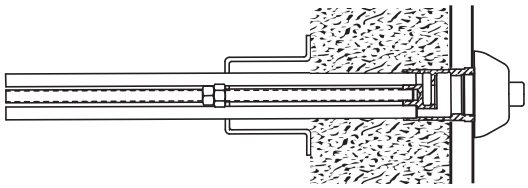
APPROVISIONNEMENT EN EAU RECOMMANDÉ :

WC - pression de courant minimum : 25 lb/po^2 (172 kPa), taux de débit minimum : 25 gal/min (95 L/min)

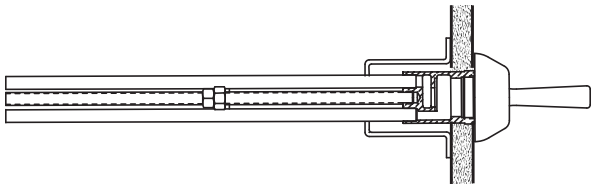
UR - Pression de courant minimum : 25 lb/po^2 (172 kPa), taux de débit minimum : 8 gal/min (30 L/min)

Fig. 2

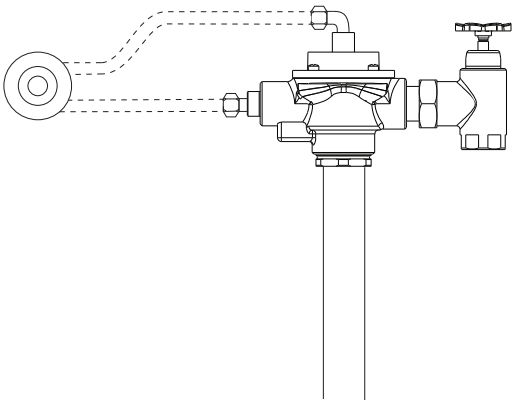
PRISON FIXTURE INSTALLATION / INSTALLATION D'APPAREIL POUR ÉTABLISSEMENT PÉNITENIAIRE



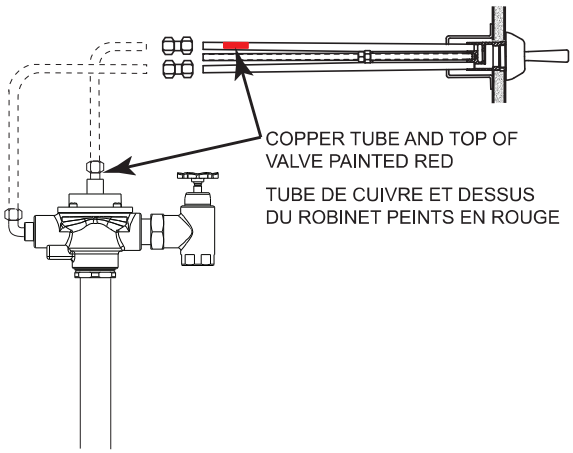
REGULAR INSTALLATION / INSTALLATION ORDINAIRE



POSITION OF FITTINGS FOR OFFSET HANDLE LOCATION / EMPLACEMENT DES RACCORDS POUR ACTIONNEUR DÉCALÉE LATÉRALEMENT



POSITION OF FITTINGS FOR HANDLE ABOVE VALVE LOCATION / POSITION DES RACCORDS POUR ACTIONNEUR PLACÉ AU-DESSUS DU ROBINET



TROUBLE SHOOTING / DÉPANNAGE

NOTE: DO NOT USE EXCESSIVE FORCE to close the inlet stop stem. We RECOMMEND that the flushometer be flushed while closing the inlet stop. The noise created by the water flow or the flow into the fixture will stop when the inlet water is shut off.

NOTE: Always use DELTA COMMERCIAL GENUINE PARTS to maintain the warranty.

EXCESSIVE NOISE:

1. PARTIALLY close the inlet stop.
2. Static pressures OVER 75 PSI may lead to an increase in NOISE, water could SPLASH out of the fixture more easily and the LIFE of any plumbing valve may be SHORTENED.
3. INSTALL a Pressure Reducing Valve set at a lower pressure if actual static pressure is over 75 PSI. Refer to Water Supply section on page 3 for pressure requirements.
4. On flushometers that have been installed for a number of years, check the Seat (061007A, item #16) for wear and replace if necessary.

EXCESSIVE WATER FLOW RATE:

1. OPEN Inlet Stop (060479A, item #17) ONE TURN and adjust Regulating Screw (061024A, item #6) to the fixture requirement (except on -05, -19, -48 and -6 models, which are fixed volume).
2. Operation of flushometer with inlet stop BELOW ONE TURN OPEN may cause EXCESSIVE NOISE and PREVENT the non hold open feature from functioning. The lowest open setting for the inlet stop may vary dependent on the installation.

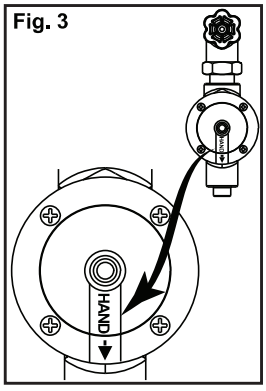
SHORTAGE OF WATER TO PROPERLY FLUSH BOWL:

1. OPEN inlet stop fully.
2. CHECK pipeline for size or obstruction, partially closed gate or other supply line valve, corroded or undersize water piping.
3. CHECK water pressure.
4. Water flow rate is determined by BOTH the water pipe size AND the water pressure available.
5. A water closet flush valve requires a minimum water supply of 1”, depending on a number of different factors including water pressure (PSI) available, pipe size and length of pipe run, number of fixtures per washroom and per building, fixture type, fixture usage factor, elevation of valve above the water main, etc. We strongly recommend that pipe size calculations be done to insure proper water supply sizes.

Flushometers do NOT provide a water supply; they are merely automatically timed self-closing valves. The inlet supply piping is the water reservoir that must supply sufficient water volume in a short period of time (4 to 10 seconds) to properly flush and clear the fixture.

CONTINUOUS FLUSHING:

1. The Regulating Screw (061024A, item #6) may be turned RIGHT (clockwise) TOO FAR. Adjust by slowly turning the Regulating Screw LEFT (counter-clockwise) (except -05, -19, -48 and -6 models, which are fixed volume).
2. If flush is still continous, close inlet stop, remove Regulating Screw (061024A, item #6), CLEAN bypass slot in the Screw, REPLACE it in the valve and ADJUST slowly for proper flush (except -05, -19, -48 and -6 models, which are fixed volume).
3. CHECK the relief valve in the Handle Cage (060810A, item #9 or 060755A, item #11) and see if it is stuck in the open position or fouled by debris. Replace the Handle Cage (060810A, item #9 or 060755A, item #11) if necessary.
4. Remove the Cap assembly and Diaphragm/Guide assembly (061323A - WC or 061324A - UR, item #14) and check for contaminants at Renewable Seat and Diaphragm, and check for debris in the cap for blockage. Also CHECK that the Diaphragm/Guide slides easily in the Renewable Seat.



VALVE WILL NOT FLUSH:

1. When the valve has been taken apart for servicing and re-assembled and does NOT operate, check that the Cap has been put on the body properly. The indicating ARROW labelled “handle” on top of the top cap should point to the handle of the valve (Fig. 3).
2. After a number of years, the valve will only flush when the handle is depressed, but shuts off immediately when the handle is released. The Diaphragm (060079A-MMO, item #14) is worn or split and needs replacing.

VALVE WILL NOT REFLUSH:

When the valve flushes once and then will not flush a second time after 10 seconds, CHECK the Handle Cage (060810A, item #9 or 060755A, item #11) for sediment under the seat washer or for a STUCK open relief valve. If necessary, replace the Handle Cage (060810A, item #9 or 060755A, item #11).

SLIGHT WATER LEAK INTO FIXTURE:

1. EXAMINE the seating surface of the Diaphragm (060079A-MMO, item #14) for imbedded sediment.
2. EXAMINE the seat surface of the Handle Cage (060810A, item #9 or 060755A, item #11) seat washer for wear and for sediment under the relief valve. It may be necessary to REPLACE the Handle Cage (060810A, item #9 or 060755A, item #11).

LEAK AT HANDLE:

When the actuator is activated for a flush and there is a LEAK at or around the handle, REPLACE the Handle Cage (060810A, item #9 or 060755A, item #11).