Introducing

i flush

Intelligent Flushing System
For GenX bathrooms

Background

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- All this while Indian plumbing and bathroom market was having following options for flushing system:
  - Cistern(concealed) : an expensive solution which requires breaking of wall or either making extra ledge
  - Cistern(exposed) : visually less aesthetic, loud sound, high maintenance and space consuming option
  - Regular flush value : comes with many limitation like extra pipeline to be installed, exposed with not so pleasing bathroom aesthetic, similar flushing for all purposes, maintenances challenges etc

Introducing i - Flush

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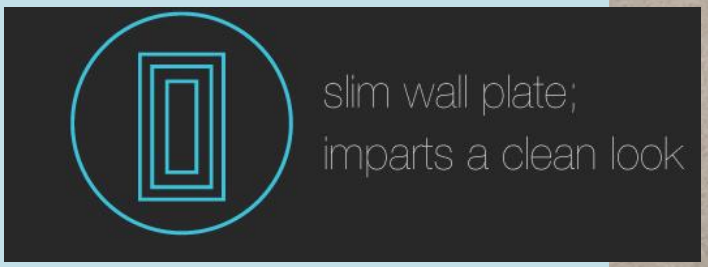
- First of its kind Intelligent Flushing System for Gen-X bathrooms.

- Now one can upgrade to i Flush concealed flushing mechanism the most appropriate mechanism of flushing, as the available water pressure is instrumental in creating the relevant and better siphoning effect at the trap to clear the solid wastage.

Features

- It gets directly installed in 20 mm (3/4 inch) over head tank pipeline

- Can be installed in 4” Wall, no need to construct a separate ledge wall: Save Space, Saves Cost, Imparts a clean look to the bathroom



Features

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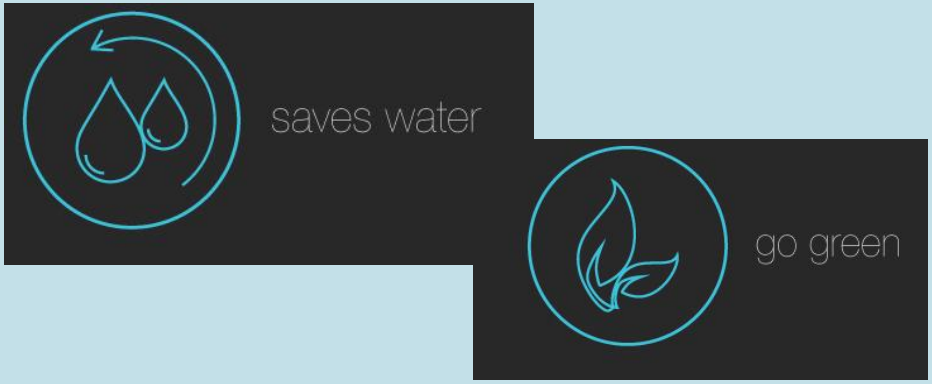
- Repeated flushing is possible whereas concealed cisterns will definitely take time to fill up after flushing once

- Saves water, a green product

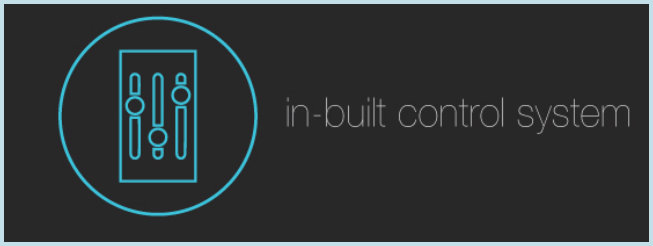


Features

- Less noise in flushing

- Easy installation – Can be accommodate in a single brick wall hence no need of ledge

- Easy maintenance, control lever can be closed with the help of a control key provided on the plate



Features

- Access to control cartridge by removing front actuation plate hence easy accessibility for maintenance
- Works at min 1.5 bar pressure

Product details

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PART CODE	DESCRIPTION	MRP
FLV-CHR-1075C	Concealed Body of i Flush, 20mm	3300
FLV-CHR-1075K	Exposed Part Kit of i Flush with Dual Flush Push Button Actuation & control stop cock	2100

i Flush FAQs

Where can I use i Flush?
i-Flush can be used for flushing the WC and can be placed asymmetrically to the WC. i-Flush can be placed to the right /left of the user, provided optimum pressure of 2-3 bars is maintained at the inlet point.

Can i Flush be installed in existing flush walls? If yes, what's the recommended wall size?
Yes, you can replace your old flush valve with i Flush. But i Flush requires an inlet pipe connection of 3/4" BSP and minimum water pressure of 1.5 bar. It can be installed on a normal 4" wall. Calculation for the finished wall is as follows: Normal 4" brick + 1 " slurry + 5 to 6mm tile thickness (Marble is 3/4" to 1" thick). Refer to our drawing at www.jaquar.com with this calculation for ease of understanding.

What is the range of pressure required for i Flush?
Pressure range needed is 1.5 Bar to 4 Bar.

What size of inlet and outlet pipe size is required for connecting to the i Flush valve?
Inlet connection thread is 3/4" (20mm) and Outlet connection sleeve thread required is 1-1/4" (32mm)(Note: " refers to inches)

Can i Flush volume be adjusted through control valve?
Yes, i Flush volume can be controlled by adjusting the control valve with the help of a 6mm Allen key (long type), provided along with the product.

What should one do in case of leakage, repairs or maintenance?
Please stop the water supply through the control valve with the help of a 6mm Allen key (supplied with i Flush) and immediately call Jaquar authorised service personnel.

What is the function of the blue connection pipe shown in the product?
The blue connection pipe is used to release both air and water simultaneously during the operation of the product. Special care must be taken during installation so that the pipe doesn't bend as that may affect the working of the product.

While installing what height should be maintained between finished floor and the actual position of i Flush?
The height from finished floor to i Flush box should be between 1000mm to 1050mm till the bottom of the concealed installation plastic box of i Flush.

Does installing i Flush reduce the cost of the pipeline?
Conventional flush valves (except cistern and exposed tank) have a pipeline from tank to products measuring 32 to 40mm or more. In i Flush, from duct bend to product's inlet, the pipeline used is 20mm resulting in savings!

For more information, visit any of our 22 Orientation Centres, call 33002233 or log on to www.jaquar.com
Orientation Centres: Ahmedabad | Bangalore | Bhopal Bhubaneswar | Chandigarh | Chennai | Cochin | Guwahati Hyderabad | Indore | Jaipur | Jammu | Kolkata | Lucknow Ludhiana | Mumbai | Nagpur | New Delhi | Pune | Raipur Siliguri | Surat

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www.crescentgroup.in /05-2015

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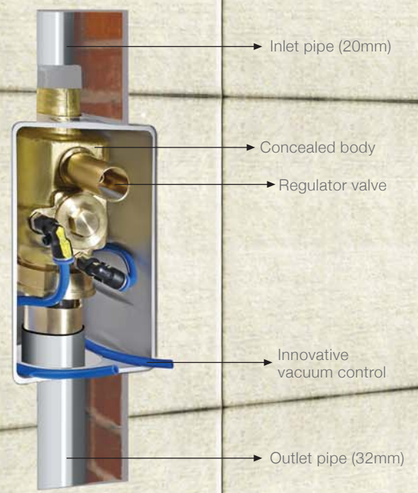
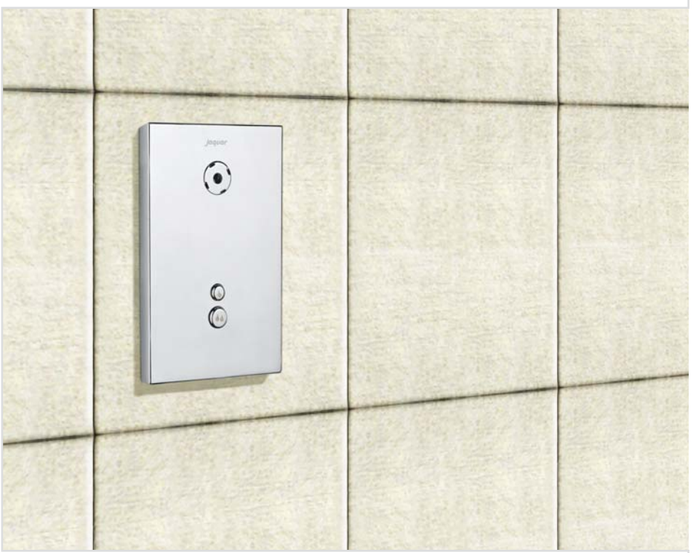


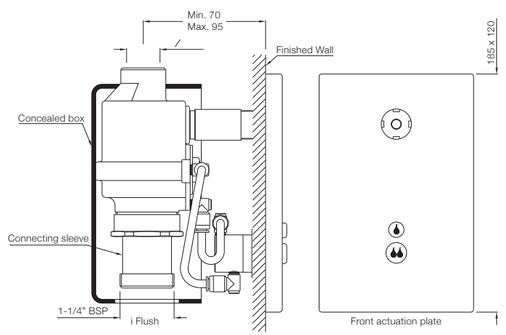
INTRODUCING

i Flush

The intelligent flushing mechanism that installs directly in the normal pipeline!



Upgrade to the simpler, smarter flushing mechanism!



Installed directly in the pipeline, the i Flush concealed flushing mechanism has multiple aesthetic and design advantages. It also provides a more appropriate mechanism of flushing, using the available water pressure to create better siphoning at the trap and superior clearing of waste.

The i Flush advantage:

- Installs directly in 20 mm (3/4") pipeline
- Installs in a 4" wall - no need to construct a separate ledge wall
- Saves money
- Saves the space needed for a flush tank
- Makes repeated flushing possible, unlike concealed cisterns which take time to fill up after flushing
- No need to wait if waste is not cleared in one flush
- Makes flushing less noisy than cisterns
- In-built control / regulator valve
- Easy maintenance - the control stopcock can be shut with the help of a control key provided on the plate. The cartridge can be accessed by simply removing the front actuation plate
- Aesthetic appeal - slim wall plate imparts a clean look to the bathroom
- Works even at a pressure as low as 1.5 Bar

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For GenX bathrooms

Frequently Asked Questions:

- **Where all i - Flush can be installed?**

  i- Flush can be used for flushing the WC. i- Flush can be placed asymmetrically to the WC against the conventional way of placing it behind the user's back and above the WC. i -Flush can be placed to the right /left of the user near to WC for the ease of usage.

- **Can i Flush be installed in fresh plumbing working or it can be replaced with regular flush wall, please suggest.**

  You can replace i -Flush with your old Flush valve but i Flush requires an Inlet pipe connection of ¾" BSP & Min. water pressure of 1.5 (bar).

- **Can i -Flush be installed on a finished wall, please suggest.**

  NO.

- **What wall size is recommended for i -Flush mounting?**

  You can install it on a normal 4" wall and the necessary calculation for the finished wall is given below:-
  Calculation-
  Normal 4" brick + 1 " Slurry + 5 to 6mm tile thickness (Marble is ¾" to 1" thick) , Refer to our drawing with this calculation for ease of understanding.

- **What is the pressure required for optimum working of i Flush Valve?**

  Optimum working pressure is Min. 2 (bar) to 3 (bar).

- **What is the range of pressure required for i Flush?**

  Pressure ranges between 1.5 (bar) to 4 (bar).

- **What is the inlet & out let pipe size required for connecting the i -Flush Valve?**

  Inlet Connection Thread is ¾" (20mm) & Outlet connection sleeve thread 1-1/4" (32mm) .

- **Can we adjust i -Flush volume through control valve?**

  Yes, one can control the i FLUSH volume by adjusting the control valve with the help of 6 mm Allen key, provided along with the product as per requirement.

- **What kind of pipe and plumbing pre requisite required for i Flush installation/connection.**

  Normal ¾" (20mm) Pipe line for inlet & Normal outlet 1-1/4" (32 mm .)

- In case of repair like leakage or maintenance what can be done?

  You can stop the water supply through control valve with the help of 6 mm Allen key (supplied with i -Flush) at the time of leakage & call to Jaquar Authorized Service personnel with the help of toll free no 1800-121-6808.

- **In case we don't use flush valve for longer time what will happen?**

  Nothing goes wrong, it will be fine.

- **How to shut-off & shut-on the water in case of leakage?**

  You can control (ON/OFF) i- FLUSH flow with the help of a 6mm Allen key long type provided along with the product as per requirement by simply rotating the control valve clockwise/anticlockwise after inserting into the slot provided.

- **What will happen if both the buttons pressed together?**

  In case both the buttons for half & full i- Flush is operated at the same time, discharge flow will be only full flush water.

- **If we press & hold the button for more water will it keep on flowing or stop after 6 liters?**

  If you press & hold the button, water release will be continuous until you release the buttons.

- **Does blue connection pipe shown in the product are used to release water, please guide.**

  The blue connection pipe is used to release both air and water simultaneously during the operation of the product. Special care needs to taken during installation such that the pipe doesn't get bend as it may affect the working of the product.

- **Is there any specific tool to open the front actuation plate, if yes than how can I access them same.**

  A special aluminum key is provided along with all i-Flush product box for this purpose and can be used in a similar manner to that of Allen key to open/close the Front actuation plate. The customer needs to keep the key with him/her at all times as it is a important part designed specifically for the product for ease of usage.

- **What height customer should maintain for installation from finished floor to i -Flush?**

  1000mm to 1050mm from finished floor to i -Flush Box bottom face of the concealed installation plastic box.

- **Can i -Flush be called as a water saving product (Green)?**

  Yes, i - Flush is a water saving product.

- **How i -Flush can save the cost of Pipelines?**

  Conventional Flush valves (except Cistern & exposed tank) have a constant dimension of pipe lines from Tank to products i.e. 32 or 40 mm or more, but in I Flush, from Duct bend to product's inlet, pipe lines is less i.e. 20mm so cost of pipe are save.

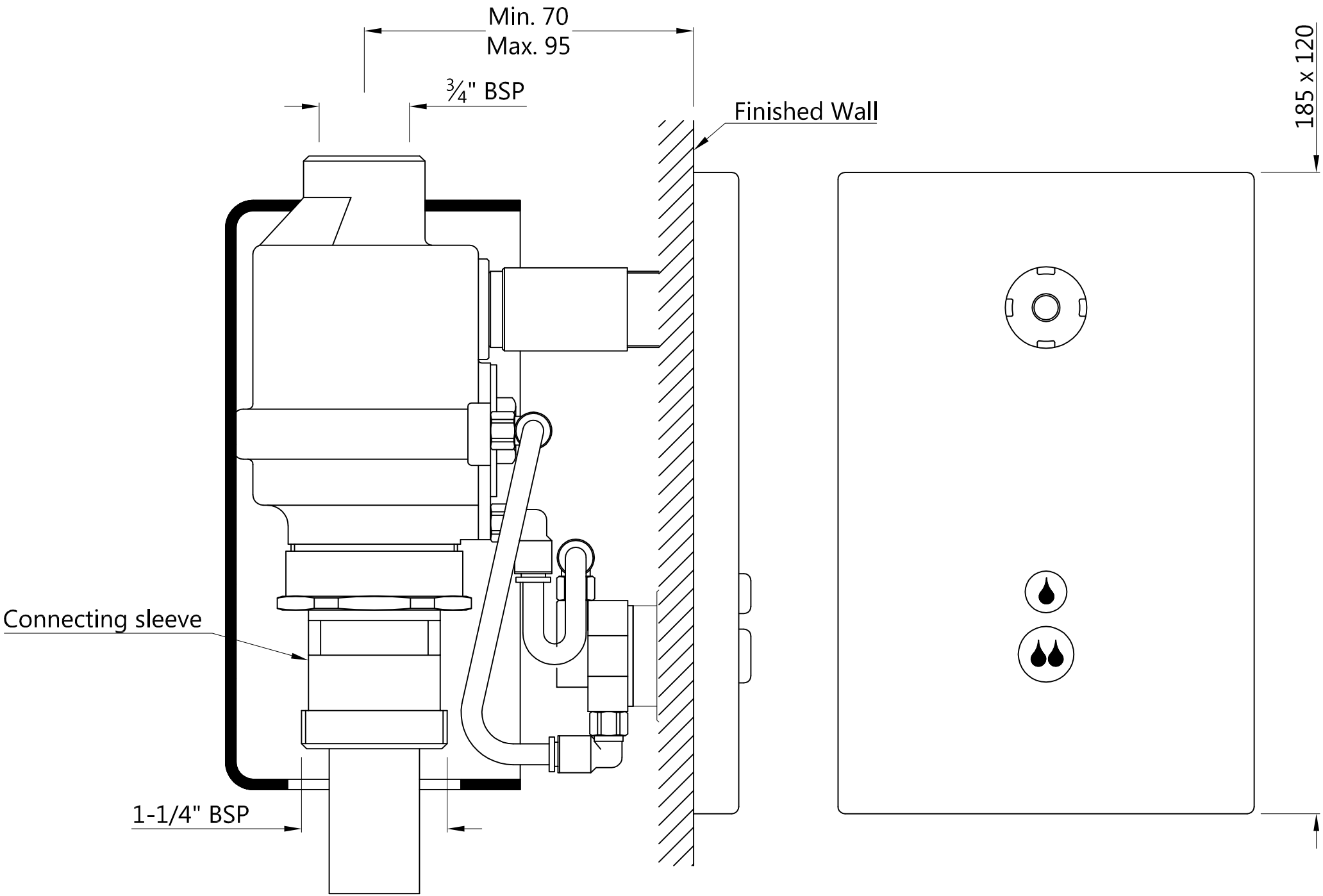
- **i -Flush is vandal proof, please explain.**

  Yes, without a special tool (aluminum key), it's very difficult to open the wall flange and the vital parts are inaccessible.

To know more log on to www.jaquar.com

Note: PLEASE NOTE (") is an inch.

I FLUSH | Cat. No. - FLV-1075

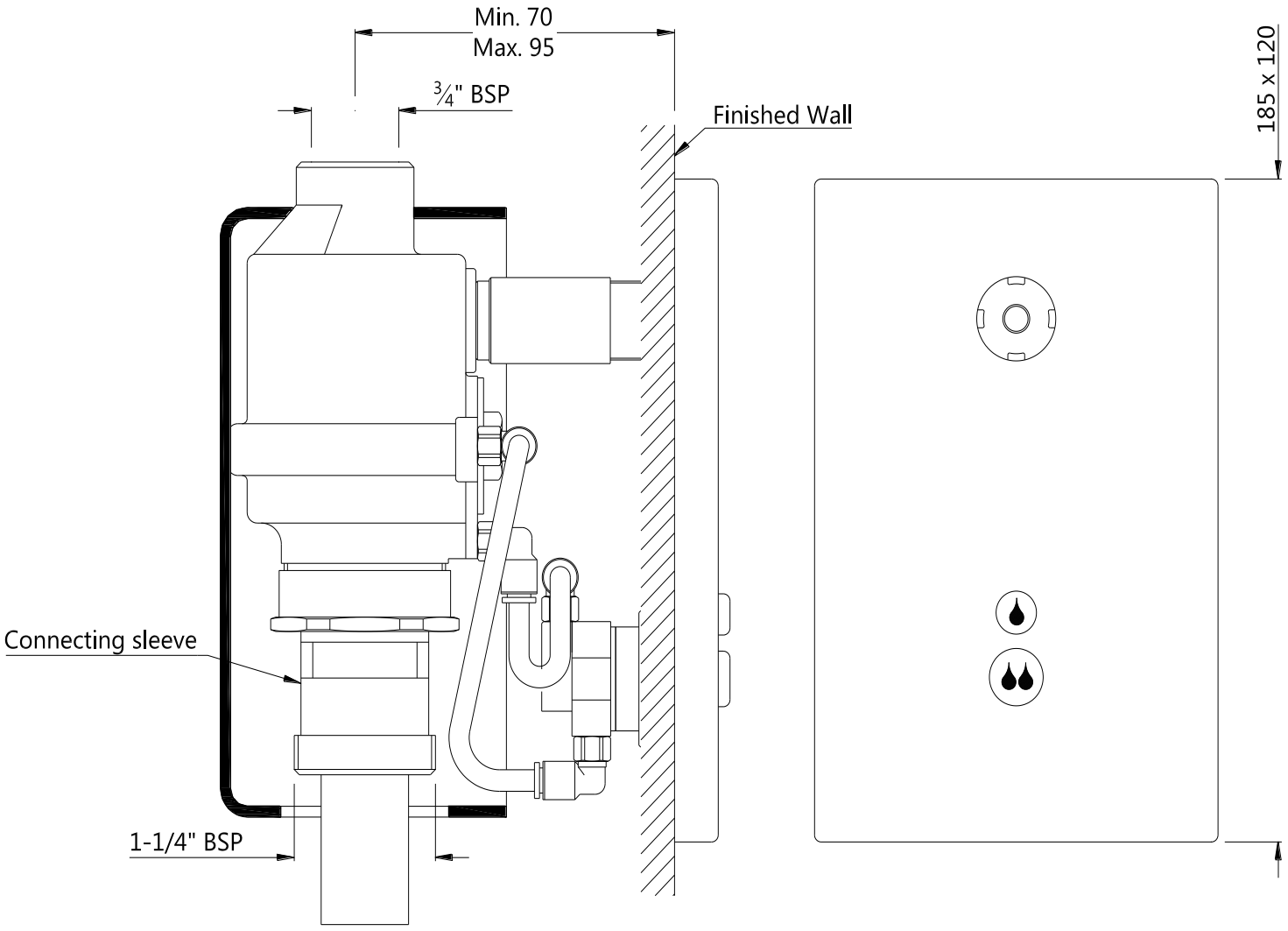


(CAT.NO:- FLV-1075)

i Flush

INTELLIGENT FLUSHING SYSTEM FROM GENX BATHROOMS
INSTRUCTION MANUAL

This **i Flush** system has a dual flow function which improves water saving. The bigger button (2 drops marking) releases approximately double quantity of water than the smaller button (1 drop marking).



PACK CONTENTS

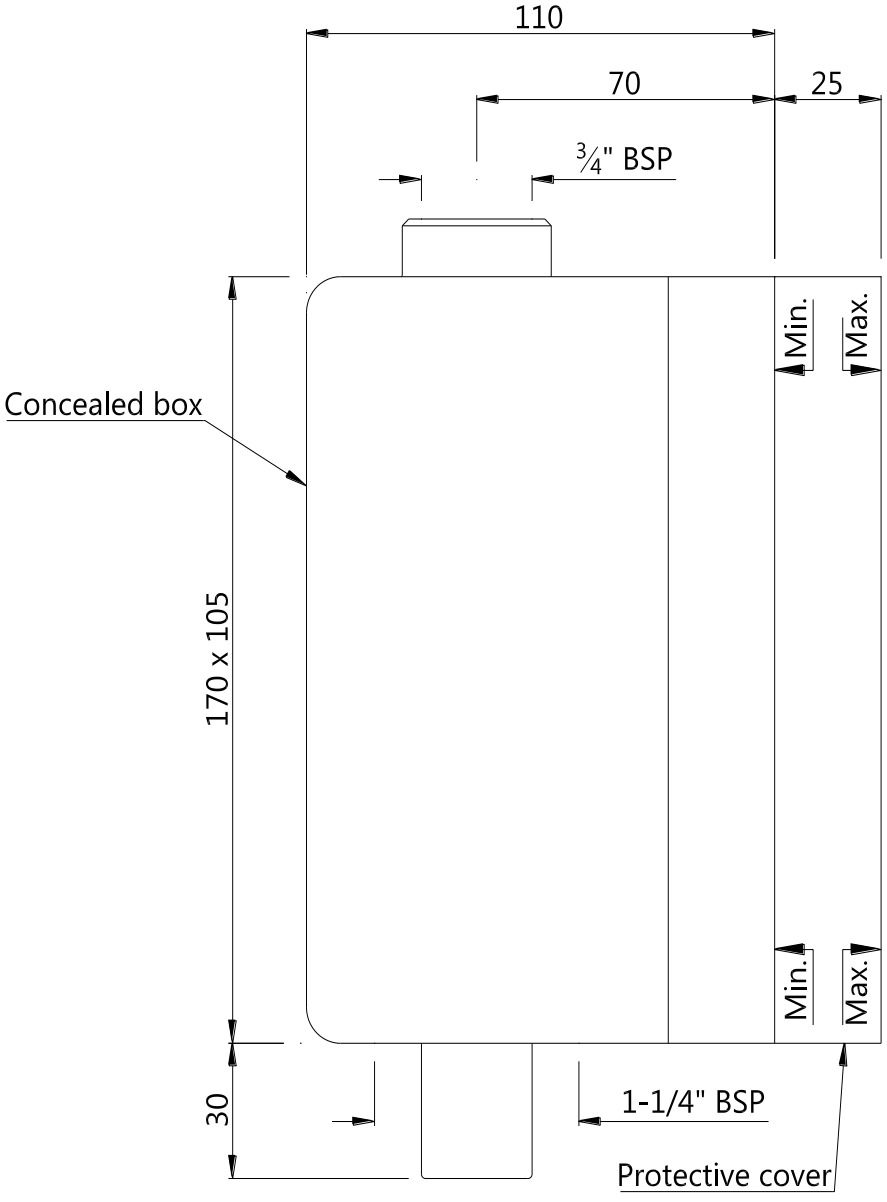
1) Concealed Body (1075 C)
2) Face Plate with accessories (1075 K)
3) Stop Valve 'T' Type Key (1075 K)
4) Aluminum key (1075 K)

REQUIREMENTS

Pressure	: 1.5 Bar minimum (Ideal working pressure) and 4 Bar maximum
Pipe Lines	: Inlet 3/4” BSP
Installation	: Concealed wall mounted
Flow	: Dual Flow (half and full flow)

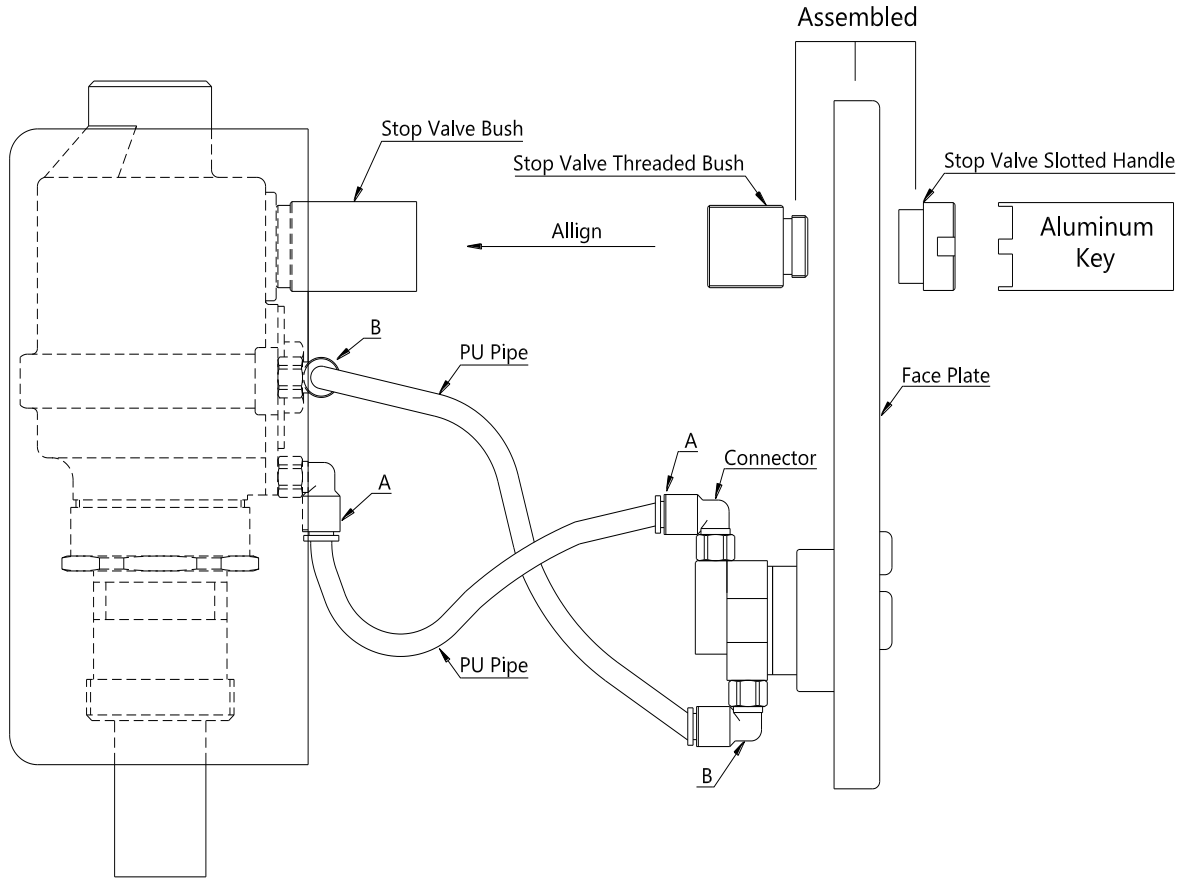
INSTALLATION GUIDELINES
PRE-INSTALLATION

1) Inlet is to be made 3/4” BSP.
2) Ensure sufficient space behind the wall for installing the concealed body fitted in plastic box.
3) Flush the pipelines thoroughly before the installation process to remove any debris/dirt stuck in the lines.
4) Please make sure that plastic protective cover should be remain on concealed box till all the masonry work has been done.



INSTALLATION

1) Shut off the water supply before proceeding with the installation procedure.
2) Place the concealed box inside the recess of the wall while connecting the inlet & outlet correctly on to it.
3) After completion of the finishing wall (tiling/marble) remove the protective cover.
4) Flush the Concealed Body to remove debris/dirt stuck in the lines.

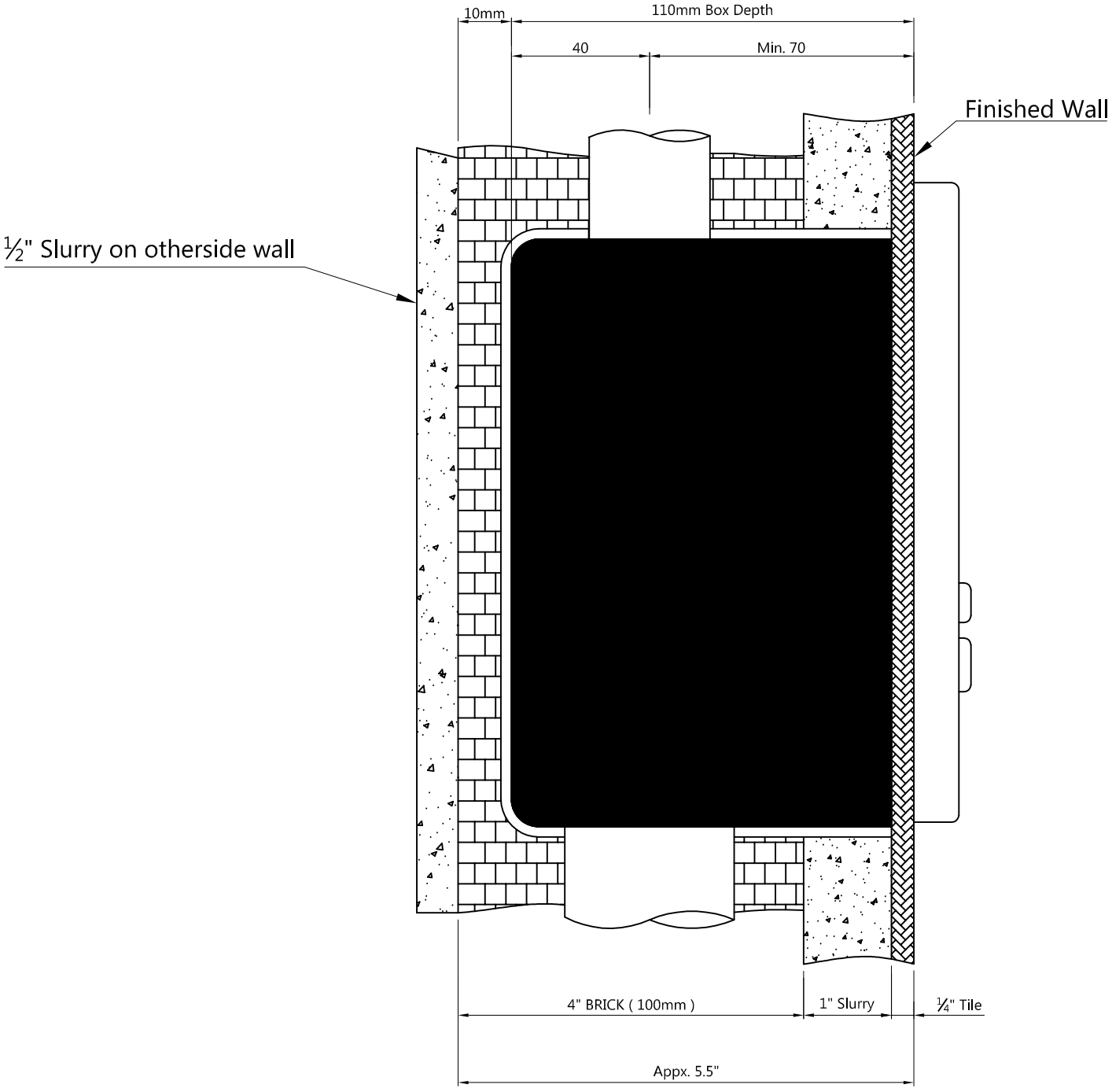


5) Connect the PU pipes of concealed body's connectors along with the connectors in face plate. Please make sure connector A should be connecting with A as well as B with B.
6) Turn on the stop valve, push buttons and check for its working.
7) Align the face plate with stop valve bush and tighten it with slotted handle with the help of given aluminum key. While making sure of PU pipes safely putted inside the box.

MAINTENANCE

Following the below guidelines may be helpful in preserving the look of your newly acquired faucet…

1) Don't use any abrasives or harsh chemicals for cleaning the chrome surfaces.
2) Usage of "**GLITZ**" is beneficial in removing stains and calcium deposits.
3) Do not dismantle the product without Instruction Manual & always call qualified **JAQUAR** service personnel.


10mm
110mm Box Depth
40
Min. 70
Finished Wall
½" Slurry on otherside wall
4" BRICK (100mm)
1" Slurry
¼" Tile
Appx. 5.5"