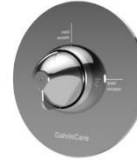


**SHWR-DV-01 (50140)****SPECIFICATIONS**

- This product has a unique design concept that eliminates the institutional look and provides anti-ligature features and vandal resistant compliance
- The paddle design handle allows the diverter to be activated with minimal effort.
- 170mm round face plate with polished stainless steel finish for a homely look, but is able to withstand heavy knocks
- Bevelled edges for maximum tight fixing
- This item is designed for panel wall installation (wall thickness up to 20mm).

**TECHNICAL DATA**

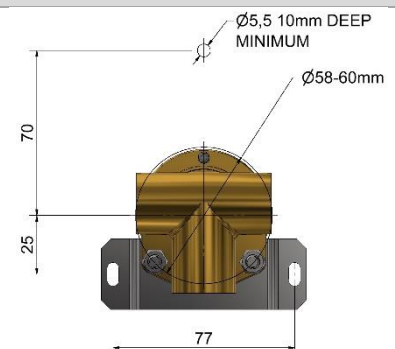
Inlet connections (BSP Female)		1/2"
Working Pressure Range (kPa)	Min	50
	Max	500
Maximum Working Temperature (°C)		41

**NOTE:**

As the Galvin Specialised Design and Development team continually strive to improve our products, specifications may change without notice.

**PRE-INSTALLATION****MOUNTING DETAILS – HOLE CENTRES**

- Suitable for panel wall mounting
- Mark & drill Ø5.5mm & Ø58-60mm holes as shown

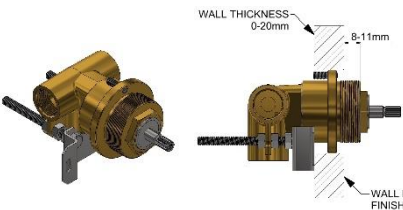
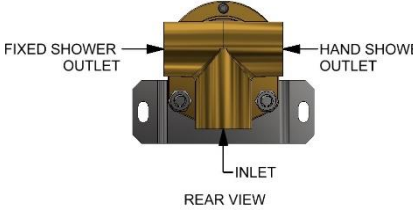
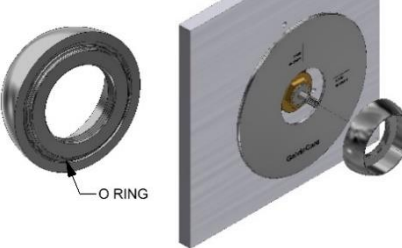
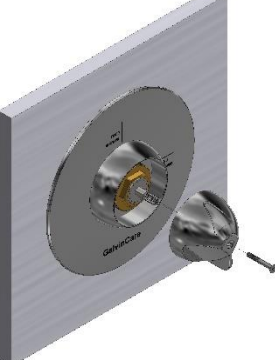




**Tools required:** Power drill, spanner or adjustable crescent and hex key.



## INSTALLATION

**IMPORTANT:** Galvin Specialised products must be installed in accordance with these installation instructions and in accordance with AS/NZS 3500, the PCA and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable National and/or State standards. Failing to comply with these provisions shall void the product warranty and may affect the performance of the product.


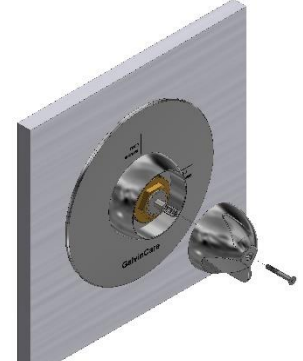
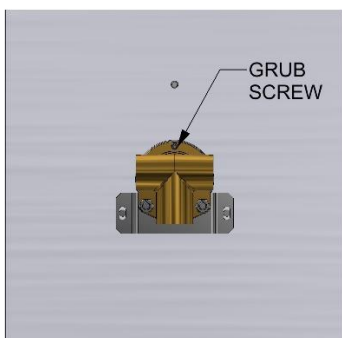

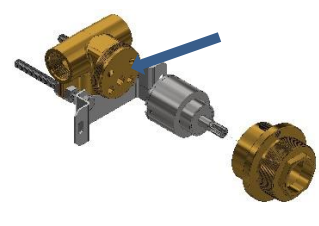
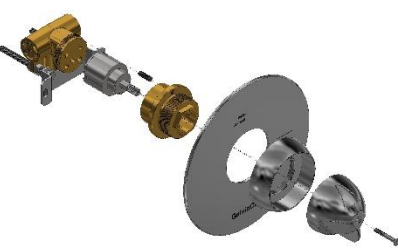
		
<p><b>1. Fit Body assembly</b></p> <ul style="list-style-type: none"> <li>Secure body with mounting bracket as shown, so it is protruding past the finished wall between 8 and 11mm.</li> <li>Body bracket can be secured with suitable fixings through the two slots.</li> <li>It is critical that the centre line of the fitted body is perpendicular to the finished wall to ensure correct fitment of the faceplate and flange.</li> </ul>	<p><b>2. Connect water supply</b></p> <ul style="list-style-type: none"> <li>Connect water supply to correct inlet as shown, use a suitable thread sealing compound making sure there are no obstructions or blockages to the pipework. Note: Water supply should be flushed before fitting. The use of in-line strainers is highly recommended.</li> </ul>	<p><b>3. Fit face plate &amp; flange</b></p> <ul style="list-style-type: none"> <li>Fit O ring to flange groove.</li> <li>Slide shower face plate on to body.</li> <li>Tighten flange to secure.</li> <li>Adjust bracket nuts to ensure face plate is fully tightened &amp; tighten lock nuts.</li> </ul>
		
<p><b>4. Fit the control knob</b></p> <ul style="list-style-type: none"> <li>Fit the control knob, ensure when the knob is set to 'fixed shower' the handle is facing down as shown and when rotated the handle matches the lines on the face plate.</li> <li>Secure the handle with supplied tamper proof screw.</li> </ul>	<p><b>5. Fit grub screw to flange</b></p> <ul style="list-style-type: none"> <li>Fit grub screw in to flange in either hole provided. Choosing the hole that isn't blocked by the bracket. Tighten grub screw to 1.5nm.</li> </ul>	<p><b>6. Testing</b></p> <ul style="list-style-type: none"> <li>Once fitted turn on water and check for leaks and correct operation.</li> </ul>

## TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
Face plate does not sit flush on wall	Diverter not mounted perpendicular to wall	Remove and re-mount so the body is perpendicular to finished wall
Water flow does not match faceplate markings	Handle not aligned correctly to faceplate	Remove tamper proof screw and rotate control knob until matching faceplate re-tighten tamper proof screw.
	Outlet on body not connected to the correct service outlet	Change outlet connection on body



## SERVICE AND MAINTENANCE

		
<b>1. Turn off water</b> <ul style="list-style-type: none"> <li>Turn off the water supply.</li> <li>Open shower outlet to release pressure.</li> </ul>	<b>2. Remove control knob</b> <ul style="list-style-type: none"> <li>Unscrew tamper proof screw from control knob.</li> <li>Pull out control assembly from the body.</li> </ul>	<b>3. Remove grub screw</b> <ul style="list-style-type: none"> <li>Unscrew grub screw to remove facplate and flange. (Note: Grub screw must be retrieved or replaced for re-assembly).</li> </ul>
		
<b>4. Remove face plate and flange</b>	<b>5. Remove cartridge nut and check cartridge</b> <ul style="list-style-type: none"> <li>Unscrew cartridge nut and remove cartridge.</li> <li>Check the cartridge for wear and damage. Replace if required with cartridge replacement available through your supplier.</li> <li>Check and clean the body of all debris.</li> </ul>	<b>6. Re-assemble</b> <ul style="list-style-type: none"> <li>Re-assemble, by reversing steps 5 to 1.</li> <li>Turn on water and check for correct operation.</li> </ul>

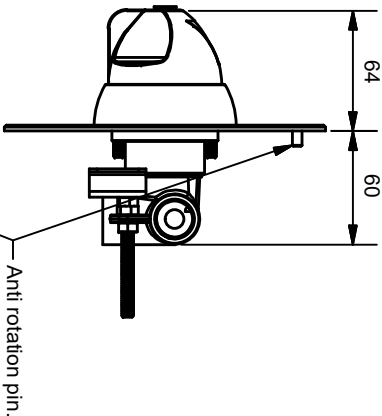
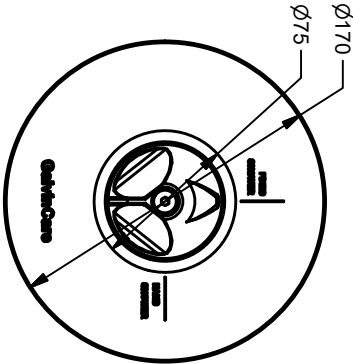
## WARRANTY

The warranty set forth herein is given expressly and is the only warranty given by the Galvin Engineering Pty Ltd. With respect to the product, Galvin Engineering Pty Ltd makes no other warranties, express or implied. Galvin Engineering Pty. Ltd. hereby specifically disclaims all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

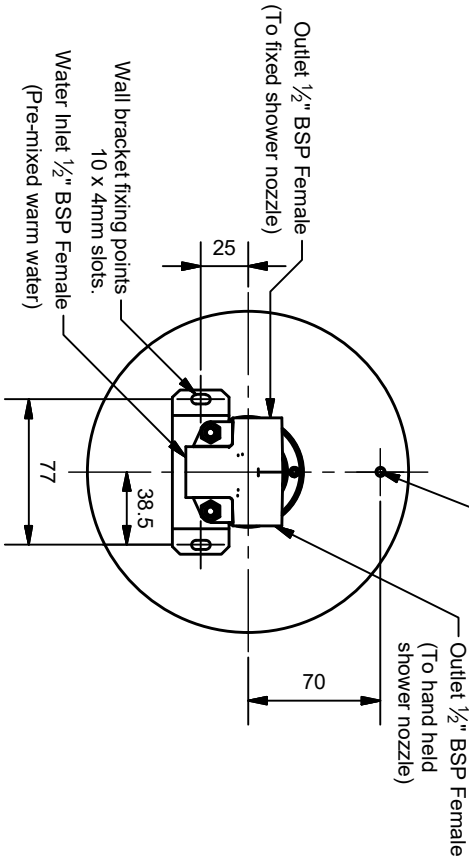
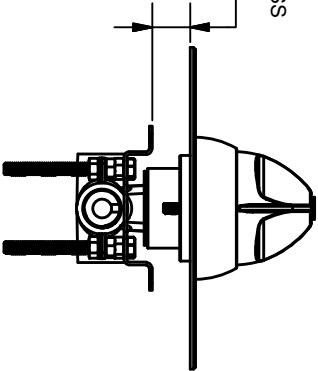
Galvin Engineering Pty Ltd products are covered under our manufacturer's warranty available for download from [www.galvinengineering.com.au](http://www.galvinengineering.com.au) Galvin Engineering Pty Ltd expressly warrants that the product is free from operational defects in workmanship and materials for the warranty period as shown on the schedule in the manufacturer's warranty. During the warranty period, Galvin Engineering will replace or repair any defective products manufactured by Galvin Engineering without charge, so long as the terms of the Manufacturer's warranty are complied with.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and Galvin Engineering Pty Ltd shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labour charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, electrical or any other circumstances over which Galvin Engineering has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

REVISION HISTORY				
REV	DATE	DESCRIPTION	BY	CHKD
3	02/11/2016	Graphics & control size updated.	PH	DB




PANEL THICKNESS  
0-20mm



TECHNICAL DATA	
Inlet & Outlet water connections (BSP Female)	1/2"
Minimum Working Pressure	50 (kPa)
Maximum Working Pressure	500 (kPa)
Recommended inlet water temperature for showers	41(°C)

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ROBUST. INNOVATIVE. WASHROOMS

TITLE: SHOWER DIVERTER VALVE

Drq No: SHWR-DV-01

Model/Client/Project:

MATERIAL:

FINISH:

Limits: (unless stated)

± 0.25mm (sheetmetal)

± 0.10mm (machined)

± 2.00mm (pattern)

± 5.00mm (moulded)

All dimensions in mm.

All angles 90°(unless stated)

Scale: 1:4

A4

3rd

REVISION HISTORY					BY	CHKD
REV	DATE	DESCRIPTION			PH	DB
2	07/11/2016	DIVERTER DESIGN UPDATED				

INSTRUCTIONS TO MOUNT DIVERTER VALVE TO WALL PANEL:

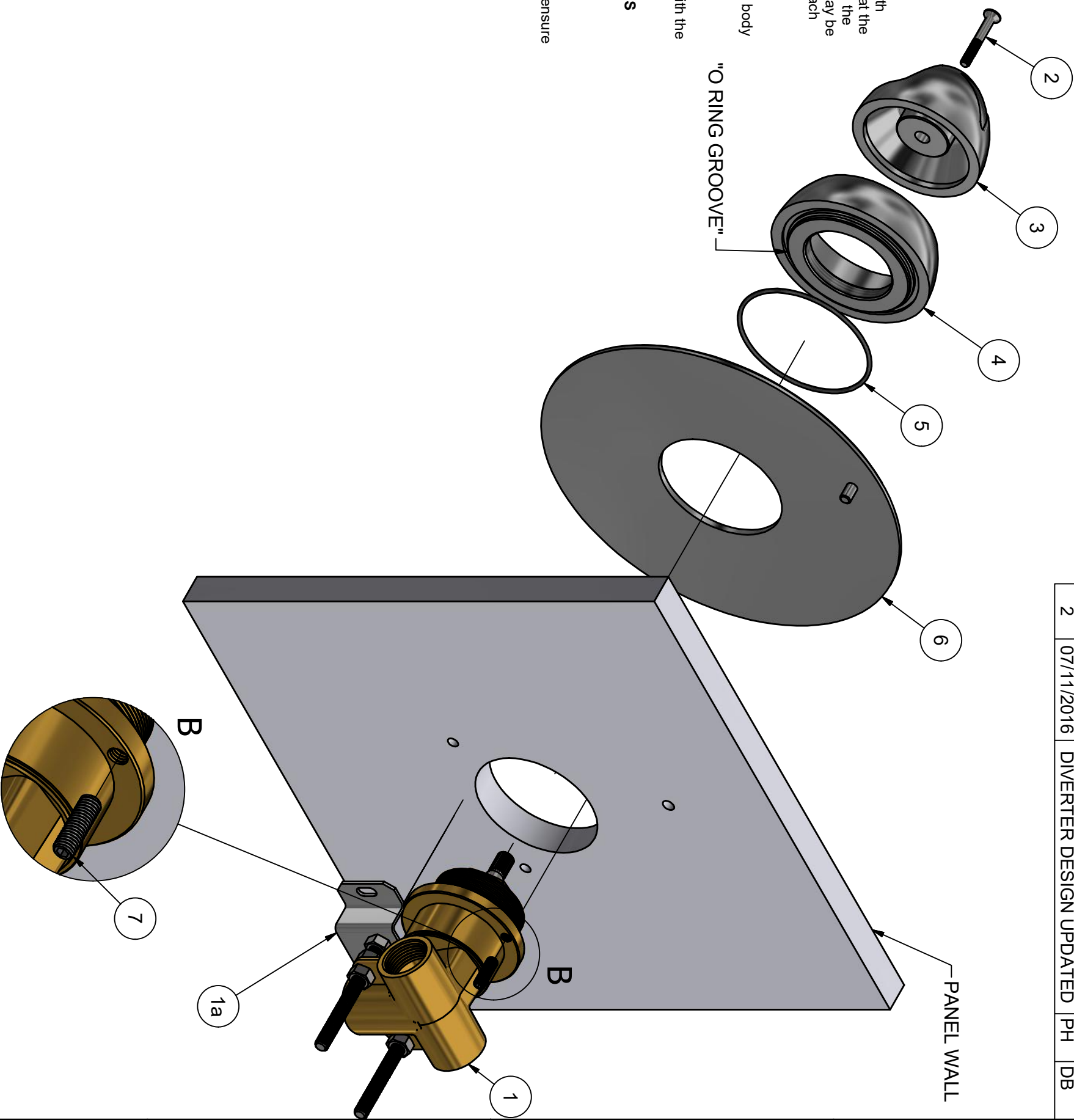
*Note that an access panel above the valve is required when front access is only available for installation & service maintenance.*

- Dismantle the valve as follows prior to installation:
  - Remove the retaining screw (item 2) and remove the control knob (item 3).
  - Unscrew the collar (item 4) and remove the mounting plate (item 6).
- Prepare holes & aperture in the wall panel as detailed on sheet 2 of this drawing.
- Mount the diverter valve body assembly (item 1) to the back of the wall panel & secure it to the panel with suitable screws (Not provided) through the slots provided on the steel mounting bracket (item 1a). Note that the mounting plate (item 6) & collar (item 4) can be refitted hand tight to the valve body to hold it in position on the wall panel whilst securing the bracket with screws. Adjustment of the bracket position on the valve body may be necessary to move the valve forwards or backwards on the two M6 fixing bolts by loosening the nuts on each bolt. Fully tighten the four nuts against the valve body once the position is correctly set.
- Ensure the rubber "O ring seal" (item 5) is fitted into the groove on the collar (item 4) & the pin on the mounting plate (item 6) is positioned into the whole on the wall panel, prior to tightening the collar onto the body of the valve.
- Refit the valve control knob components to the valve drive spindle ensuring that the web on the knob is positioned at the bottom when the knob is turned to the "Fixed Shower position" & then secure the knob with the screw (item 2). Ensure the screw is fully tightened.

**NOTE: TURN THE CONTROL KNOB CLOCKWISE AND ANTI CLOCKWISE TO ENSURE FLAT WEB IS CORRECTLY ALIGNED WITH THE POSITIONS INDICATED ON THE MOUNTING PLATE. WEB AT BOTTOM WHEN ROTATED FOR FIXED SHOWER & WEB ON LH SIDE WHEN ROTATED FOR HAND SHOWER.**

- IMPORTANT!** Tighten the grub screw (item 7) against the collar (item 4) to lock the collar in position to ensure it is fully secured.
- Refer to sheet 3 to complete the water plumbing connections to & from the valve.
- Ensure the valve is commissioned on completion of the installation to ensure there are no leaks on any plumbing joints and to ensure correct operation of the diverter valve.

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	1	DIVERTOR ASSEMBLY
1a	1	VALVE WALL BRACKET
2	1	RETAINING SCREW
3	1	CONTROL KNOB
4	1	COLLAR
5	1	RUBBER O-RING
6	1	MOUNTING PLATE
7	1	GRUB SCREW



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Wallgate

ROBUST. INNOVATIVE. WASHROOMS

TITLE: SHOWER DIVERTER ASSEMBLY DETAILS

Drq No: SHWR-DV-01-INS-KIT

Model/Client/Project: SHEET 1 OF 3

MATERIAL:

FINISH:

Limits: (unless stated)  
± 0.25mm (sheetmetal)  
± 0.10mm (machined)  
± 2.00mm (pattern)  
± 5.00mm (moulded)

All dimensions in mm.  
All angles 90° (unless stated)

Scale: NTS

A3 3rd

654321

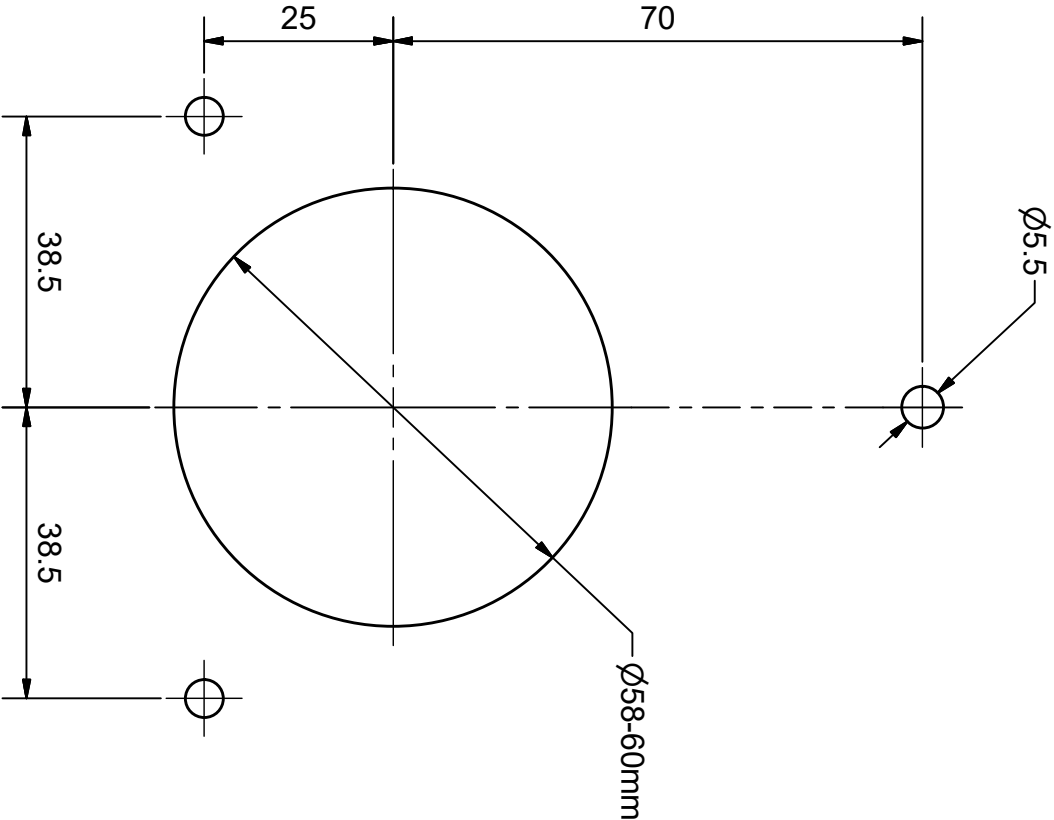
21

t: +44 (0) 1722 744 644 f: +44 (0) 1722 742 096 e: sales@wallgate.com w: www.wallgate.com Company Reg No. 156022



RECOMMENDED WALL  
HOLE SIZES  
(SCALE 1:1)

REVISION HISTORY				
REV	DATE	DESCRIPTION	BY	CHKD
2	07/11/2016	DIVERTER DESIGN UPDATED	PH	DB



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**TITLE:** SHOWER DIVERTER  
ASSEMBLY DETAILS

**Drg No:** SHWR-DV-01-INS-KIT

Model/Client/Project: SHEET 2 OF 3

**MATERIAL:**

**FINISH:**

Limits: (unless stated)  
± 0.25mm (sheetmetal)  
± 0.10mm (machined)  
± 2.00mm (pattern)  
± 5.00mm (moulded)

All dimensions in mm.  
All angles 90° (unless stated)  
**Scale:**

A3



REVISION HISTORY				
REV	DATE	DESCRIPTION	BY	CHKD
2	07/11/2016	DIVERTER DESIGN UPDATED	PH	DB

INSTALLATION DETAILS:

1. ASSEMBLE AND MOUNT THE DIVERTER TO THE WALL AS DETAILED ON SHEET 1.  
(NOTE THE HEIGHT ABOVE FFL IS A SUGGESTED HEIGHT ONLY, THE ASSEMBLY CAN BE MOUNTED AT A HEIGHT TO SUIT THE APPLICATION).
2. CONNECT THE WATER SUPPLY FEED TO THE INLET OF THE DIVERTER.

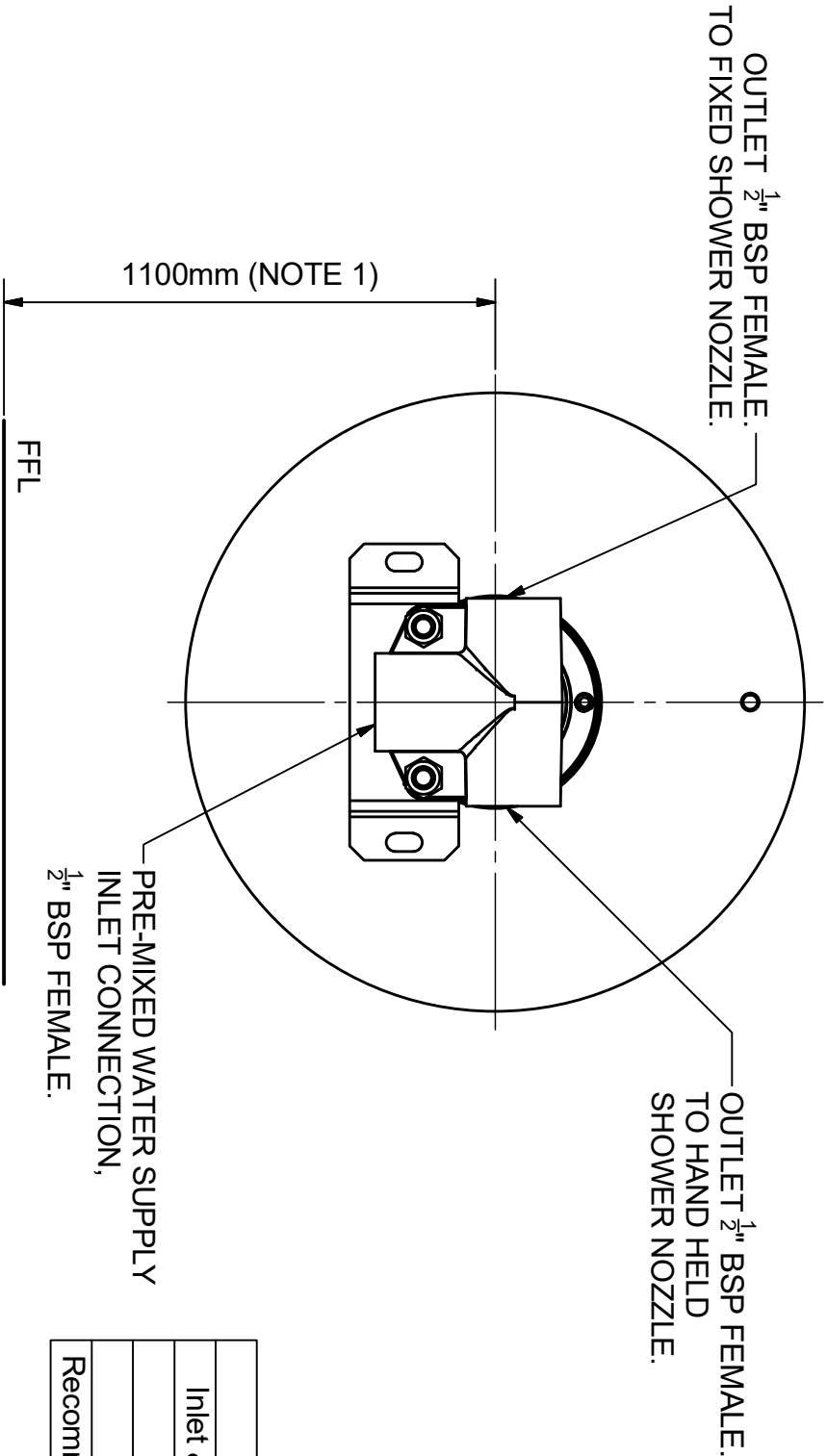
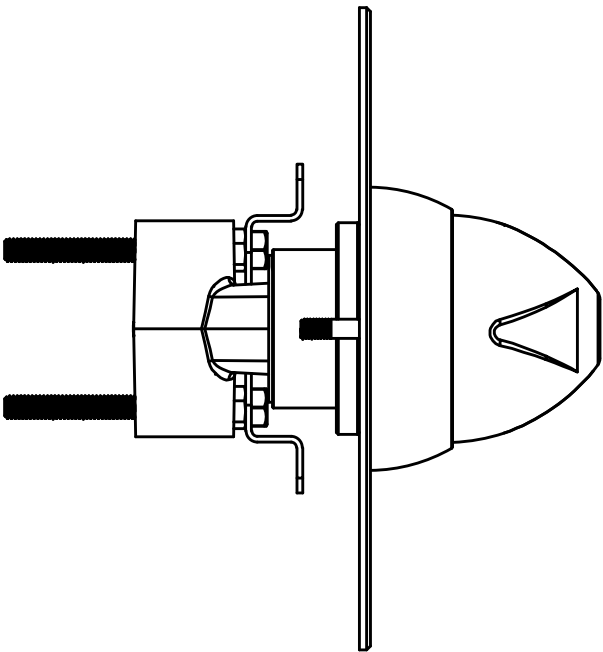
**IMPORTANT NOTE!**

THE WATER SUPPLY MUST BE FLUSHED THROUGH TO REMOVE ANY DEBRIS PRIOR TO CONNECTION TO THE VALVE. ENSURE PLUMBING THREAD SEALENTS IF USED ARE NOT APPLIED EXCESSIVELY WHEREBY DAMAGE TO THE VALVE & BLOCKAGES MAY RESULT IN PRODUCT FAILURE.

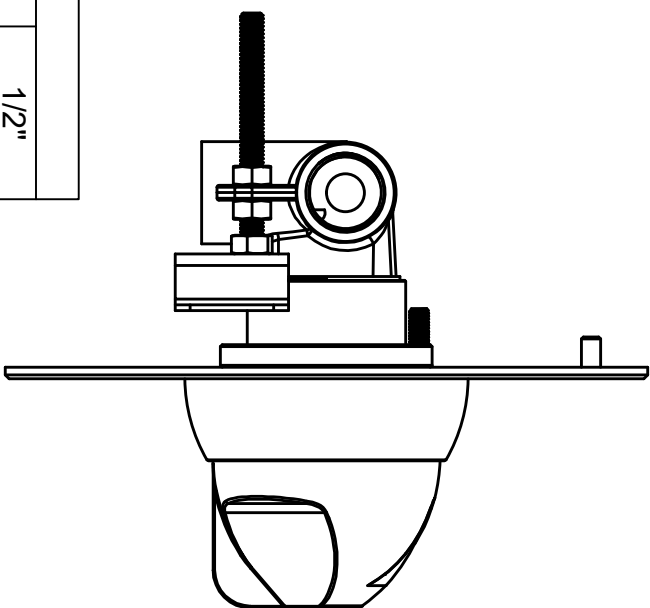
3. CONNECT THE OUTLETS FROM THE DIVERTER TO THE HAND SHOWER AND FIXED SHOWER AS SHOWN.

**IMPORTANT NOTE!**

A MEANS OF CONTROLLING THE MAXIMUM WATER TEMPERATURE, SUCH AS A TMV3 VALVE, MUST BE FITTED TO THE HOT WATER FEED PRIOR TO THE DIVERTER. THE DIVERTER VALVE DOES NOT CONTROL THE WATER TEMPERATURE.



TECHNICAL DATA	
Inlet & Outlet water connections (BSP Female)	1/2"
Minimum Working Pressure	50 (kPa)
Maximum Working Pressure	500 (kPa)
Recommended water inlet temperature for showers	41(°C)



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ROBUST. INNOVATIVE. WASHROOMS

**TITLE:** SHOWER DIVERTER  
ASSEMBLY DETAILS

**Drq No:** SHWR-DV-01-INS-KIT

**MATERIAL:**

Limits: (unless stated)  
± 0.25mm (sheet/metal)  
± 0.10mm (machined)  
± 2.00mm (pattern)  
± 5.00mm (moulded)

**FINISH:**

Scale: NTS

A3 3rd