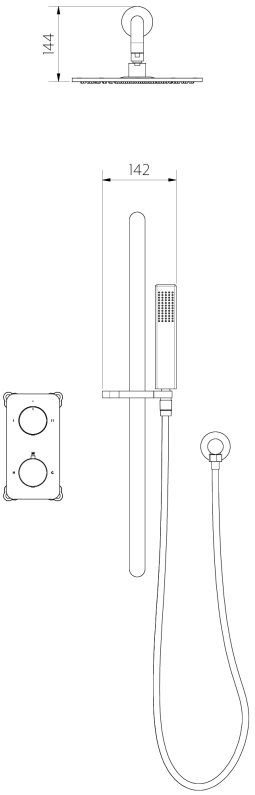
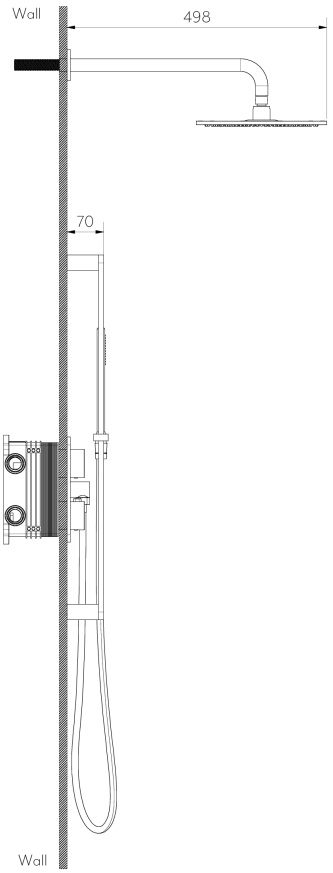
MILANI THERMOSTATIC SHOWER RAIL SET



Front View



Side View

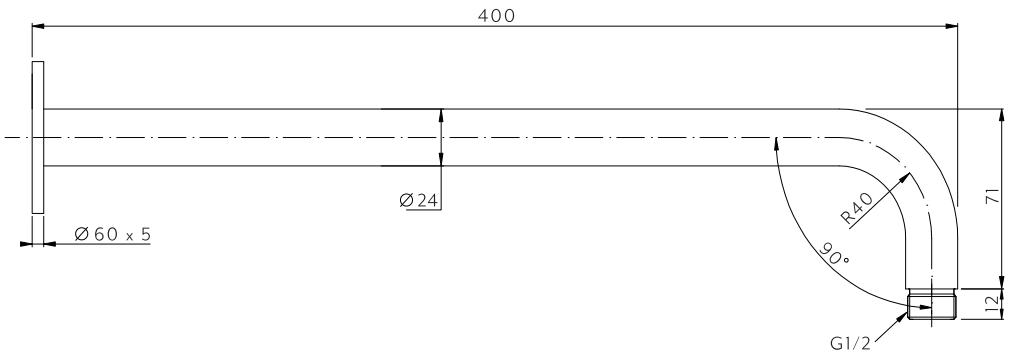
Note: Dimensions are nominal measurements only

SPECIFICATIONS

RECOMMENDED USE	Domestic/Commercial
BOX	Box 1: Shower Arm 400mm Box 2: Shower Head Round 250mm Box 3: Rounded Rectangle Hand Shower Box 4: Shower Hose Box 5: Round Shower BP Box 6: Milani Shower Rail Box 7: Thermostatic In-Wall Box Box 8: Thermostatic Double Function Mixer Body Box 9: Thermostatic Double Function Handle Kit Box 10: 1/2 Male Thread Adapter
MATERIAL	See individual products

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SHOWER ARM 400MM



Note: Dimensions are nominal measurements only

SPECIFICATIONS

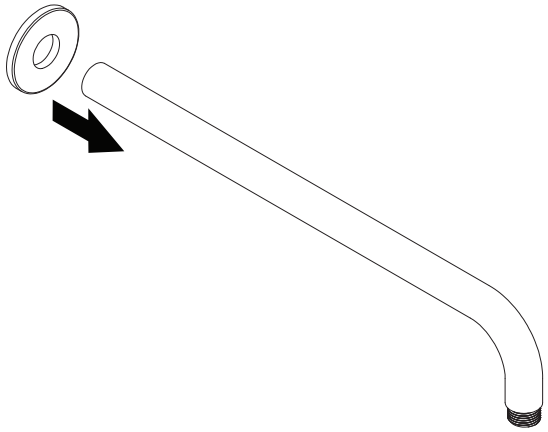
RECOMMENDED USE	Domestic
MATERIAL	Solid Brass
TEMPERATURE RATING	Maximum continuous working temperature 75°C If the water temperature exceeds 75°C,an approved tempering valve must be fitted

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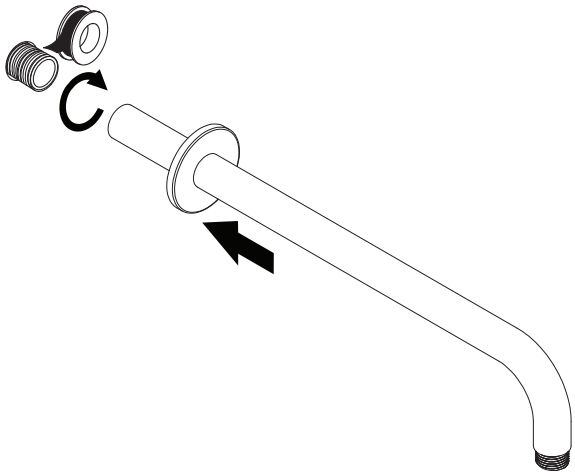
INSTALLATION GUIDE

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This is a general installation guide - there are many factors that are involved that can alter the installation method. This product install must comply with the standards in your respective country and must be adhered to by your licensed tradesperson.

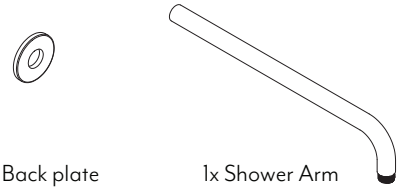
1 Slide back plate onto spout. Ensure o ring is firmly gripping the spout and creating a tight seal.



2 Apply the teflon tape to the brass nipple. Twist the spout on and hand tighten. Push back plate to the wall surface.



WHAT'S IN THE BOX



1x Back plate 1x Shower Arm



Regularly clean with mild liquid detergent or soap and water.

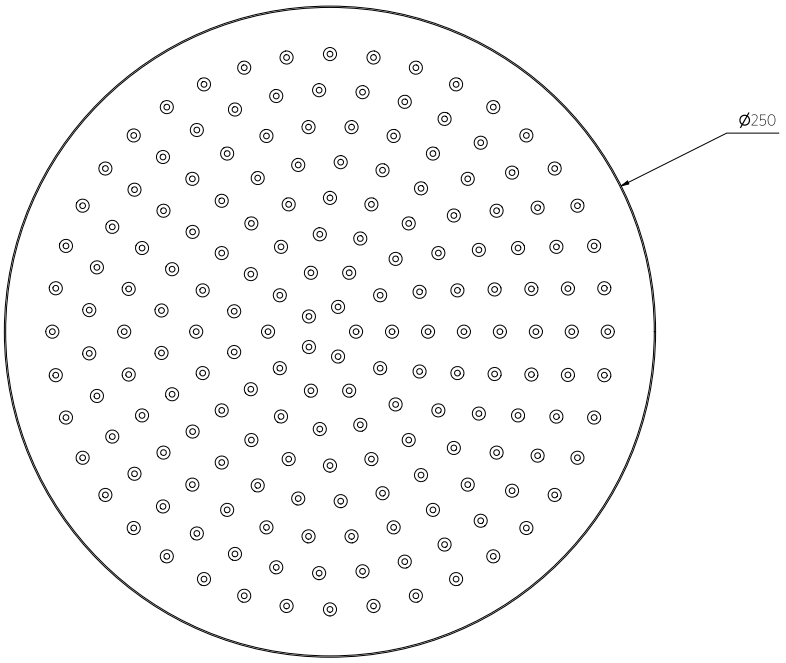


DO NOT use cream cleaners or bleach. These substances are abrasive.

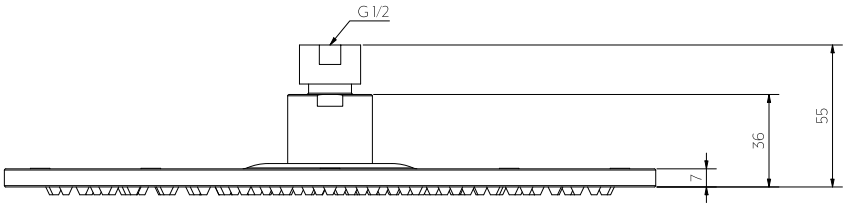


DO NOT use cleaning pads with abrasive surfaces as this may scratch the material.

SHOWER HEAD ROUND 250MM



Bottom View



Front View

Note: Dimensions are nominal measurements only

SPECIFICATIONS

RECOMMENDED USE	Domestic
MATERIAL	Solid Brass
TEMPERATURE RATING	Maximum continuous working temperature 75°C If the water temperature exceeds 75°C,an approved tempering valve must be fitted

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INSTALLATION GUIDE

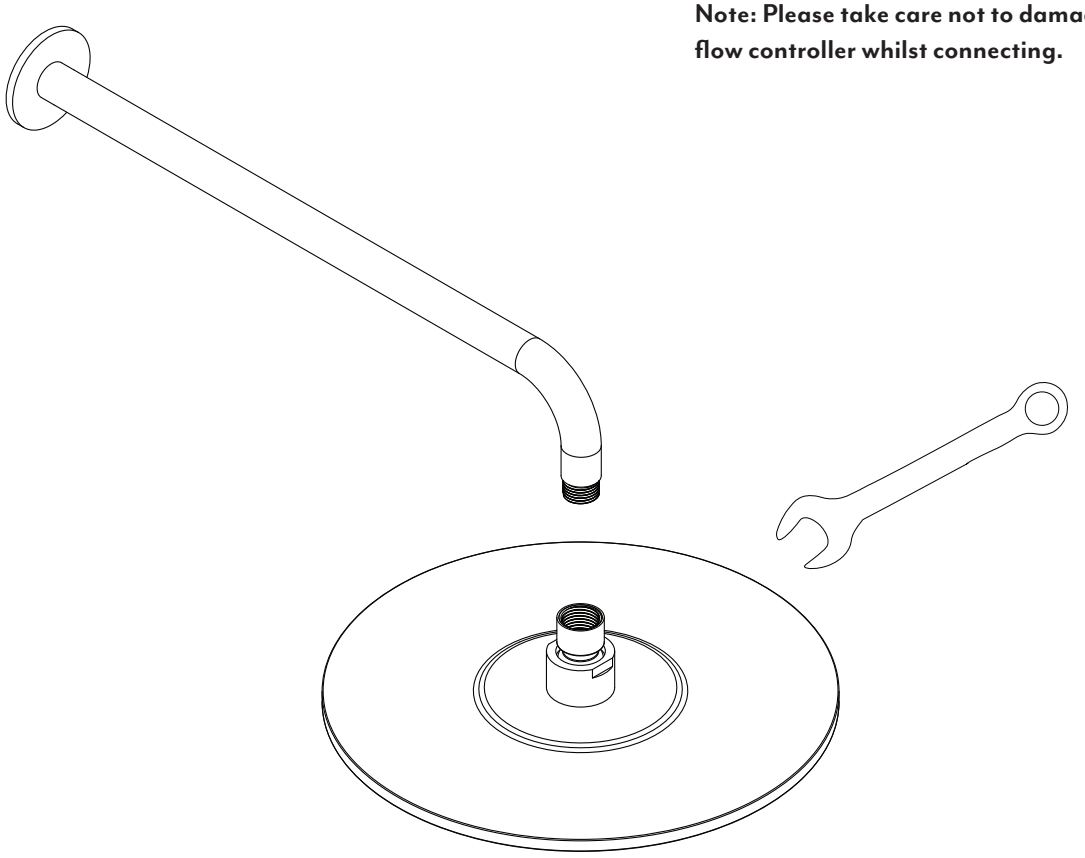
Note: This product must be installed by a licensed plumber. This is a general installation guide - there are many factors involved that can alter the installation method. **AU/NZ:** For installations within Australia and New Zealand, this product must be installed in compliance with AS/NZS 3500. **UK:** For installations in the United Kingdom this product must be installed in compliance with the Water Supply (Water Fittings) Regulations and Water Supply (Water Fittings) (Scotland) Byelaws. **Other:** For installations outside these countries, this product must be installed in compliance with the standards in your respective country.

1 Ensure o-ring is fitted inside the ball joint connector.

2 Fasten ball joint and shower head to arm with spanner using a cloth to ensure not to damage finish.

*Shower arm and back plate not included.

Note: Please take care not to damage the flow controller whilst connecting.



IN THE BOX

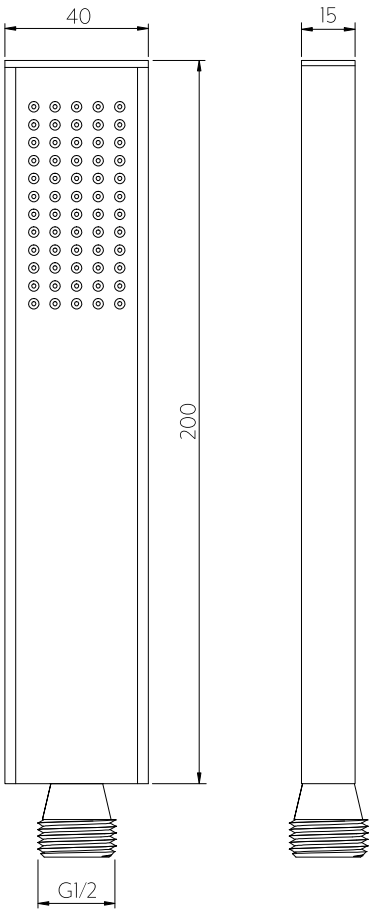
- 1x O Ring
- 1x Shower Head

Regularly clean with mild liquid detergent or soap and water

DO NOT use cream cleaners or bleach These substances are abrasive

DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

ROUNDED RECTANGLE HAND SHOWER



Front View Side View

Note: Dimensions are nominal measurements only

SPECIFICATIONS

RECOMMENDED USE	Domestic
MATERIAL	Solid Brass
TEMPERATURE RATING	Maximum continuous working temperature 75°C If the water temperature exceeds 75°C,an approved tempering valve must be fitted

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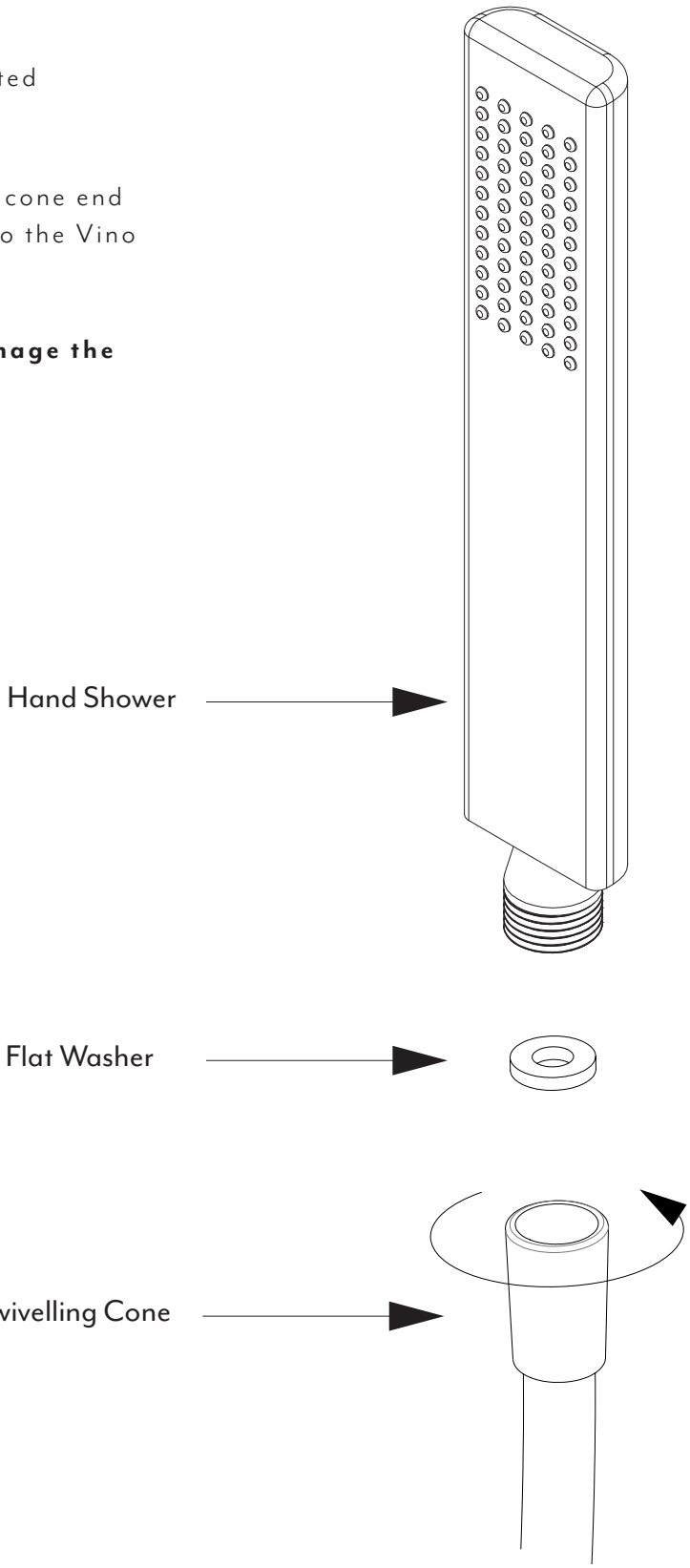
INSTALLATION GUIDE

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STEP ONE: Ensure flat washer is fitted inside the hose end.

STEP TWO: Connect the swivelling cone end of hose in a clockwise direction onto the Vino Hand Shower and hand tighten

Note: Please take care not to damage the flow controller whilst connecting.





Regularly clean with mild liquid detergent or soap and water.

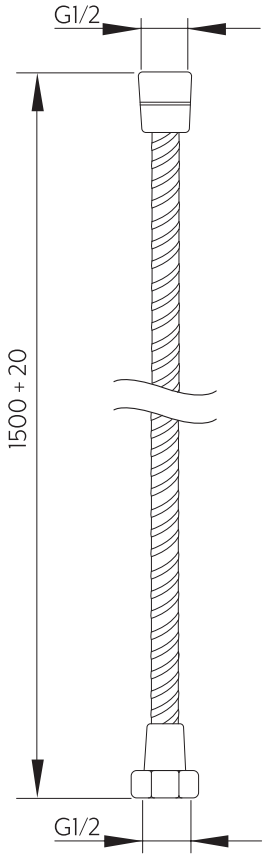


DO NOT use cream cleaners or bleach. These substances are abrasive.



DO NOT use cleaning pads with abrasive surfaces as this may scratch the material.

SHOWER HOSE



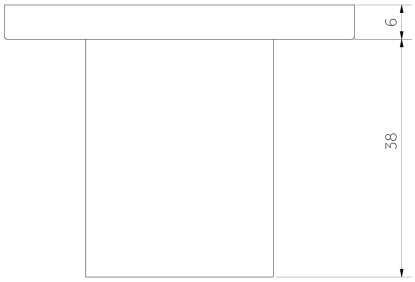
Note: Dimensions are nominal measurements only

SPECIFICATIONS

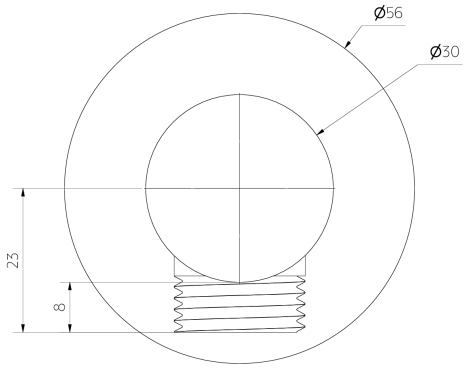
RECOMMENDED USE	Domestic
MATERIAL	Stainless Steel
TEMPERATURE RATING	Maximum continuous working temperature 75°C If the water temperature exceeds 75°C,an approved tempering valve must be fitted

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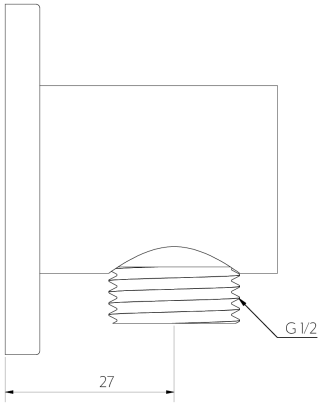
ROUND SHOWER BP



Top View



Front View



Side View

Note: Dimensions are nominal measurements only

SPECIFICATIONS

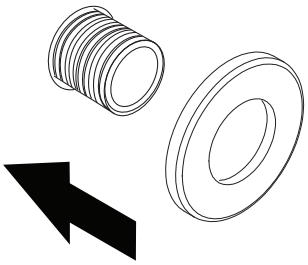
RECOMMENDED USE	Domestic
MATERIAL	Solid Brass
TEMPERATURE RATING	Maximum continuous working temperature 75°C If the water temperature exceeds 75°C,an approved tempering valve must be fitted

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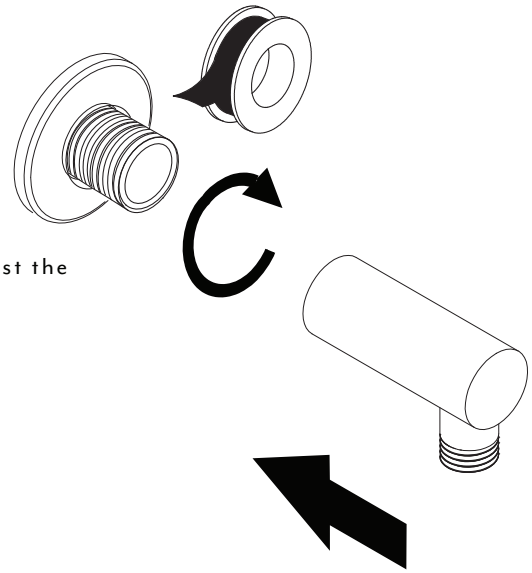
INSTALLATION GUIDE

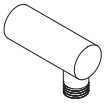
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1 Slide backplate onto water outlet.



2 Apply the teflon tape to the brass outlet pipe. Twist the BP on and hand tighten.



WHAT'S IN THE BOX	
	
1x Backplate	1x BP Body



Regularly clean with mild liquid detergent or soap and water.

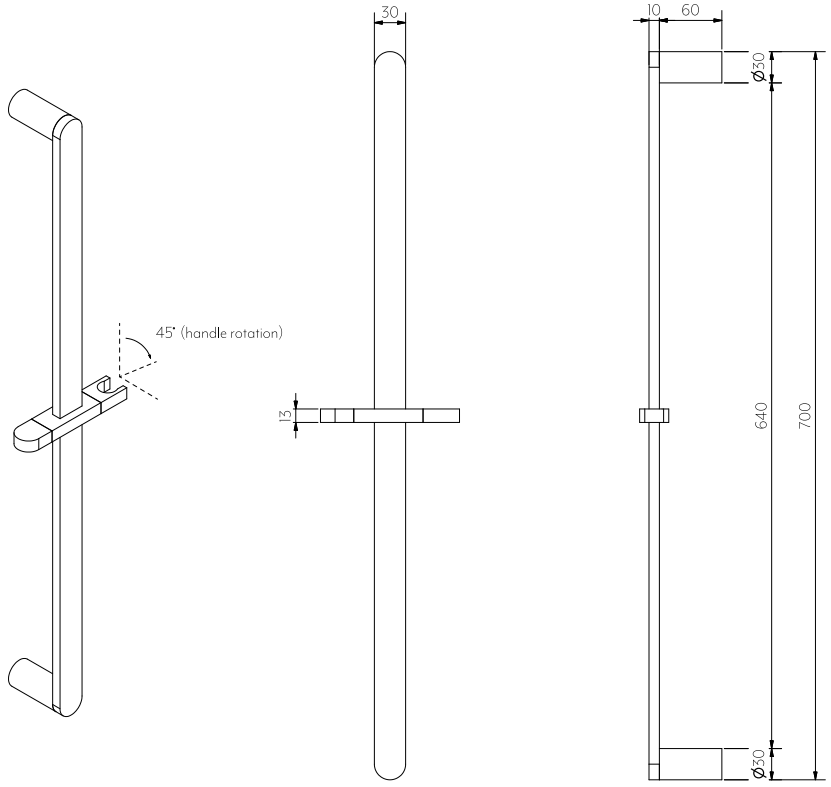


DO NOT use cream cleaners or bleach. These substances are abrasive.



DO NOT use cleaning pads with abrasive surfaces as this may scratch the material.

MILANI SHOWER RAIL



Front View

Side View

Note: Dimensions are nominal measurements only

SPECIFICATIONS

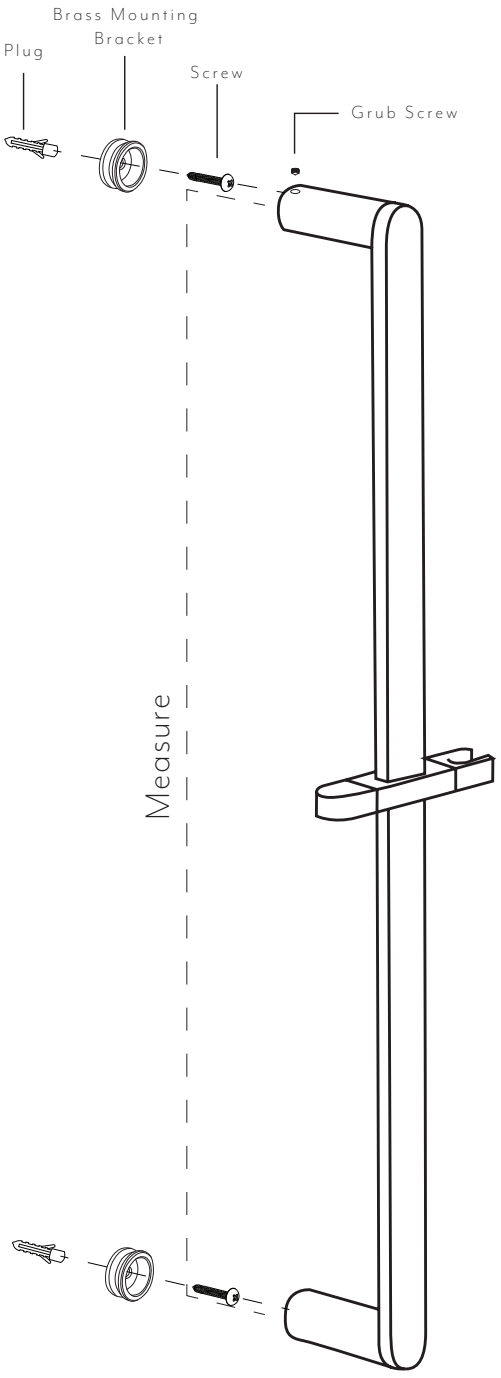
RECOMMENDED USE	Domestic
MATERIAL	Solid Brass
MOUNTING HARDWARE INCLUDED	Yes

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INSTALLATION GUIDE

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SUPPLIED	INSTALLER TO SUPPLY
2x Plugs 2x Screws 1x Allen Key	1x Rubber M allet



1. Measure centre to centre, brass fixing holes in rail
2. Measure & mark desired position of the rail on the wall
3. Drill holes with masonry drill bit (not on hammer) & fit the plugs using a rubber mallet
4. Remove all brass mountings with the supplied allen key
5. Screw the brass mountings into the plugs
6. Fit shower rail onto the brass mountings to wall using the allen key



Regularly clean with mild liquid detergent or soap and water.



DO NOT use cream cleaners or bleach. These substances are abrasive.



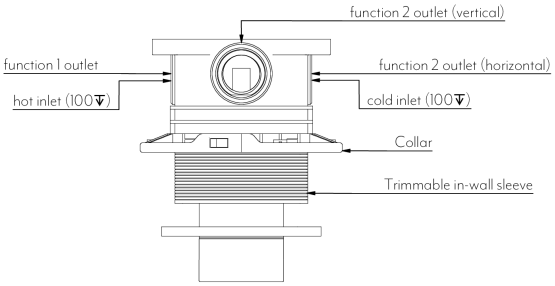
DO NOT use cleaning pads with abrasive surfaces as this may scratch the material.

THERMOSTATIC IN-WALL BOX

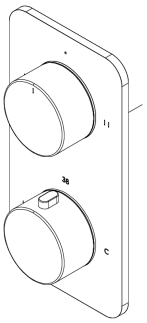
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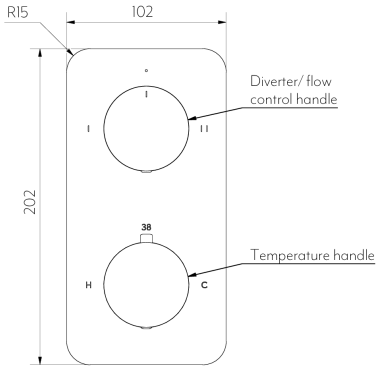
MILANI THERMOSTATIC SHOWER MIXER - DOUBLE FUNCTION



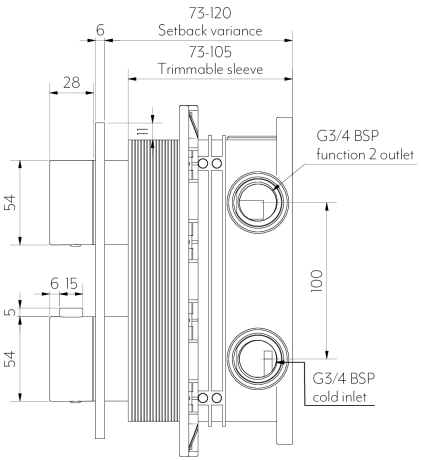
Top View



Isometric View
(In-Wall Component Hidden)



Front View
(In-Wall Component Hidden)



Side View

Note: Dimensions are nominal measurements only

SPECIFICATIONS

RECOMMENDED USE	Domestic/ Commercial
MATERIAL	Solid Brass
TEMPERATURE RATING	Maximum continuous working temperature 75°C If the water temperature exceeds 75°C,an approved tempering valve must be fitted
PACKAGING	Box 1 of 3 Handle Kit Box 2 of 3 Wall Mixer Kit Box 3 of 3 In-wall Box Kit

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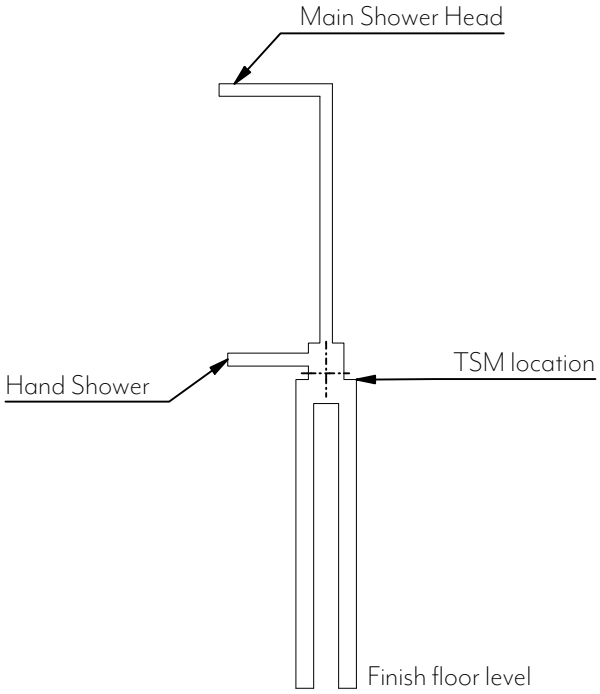
INSTALLATION GUIDE

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ABI INTERIORS

Thermostatic Shower Mixer (TSM) - Dual Function

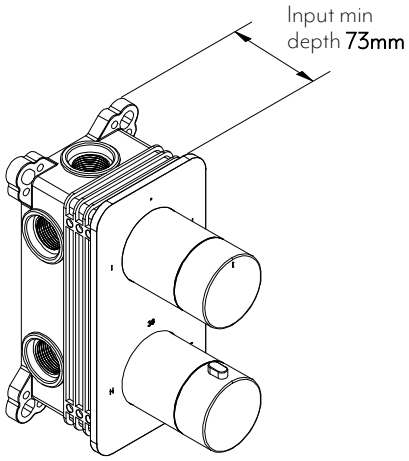
The installation procedure shown is for bricked walls.



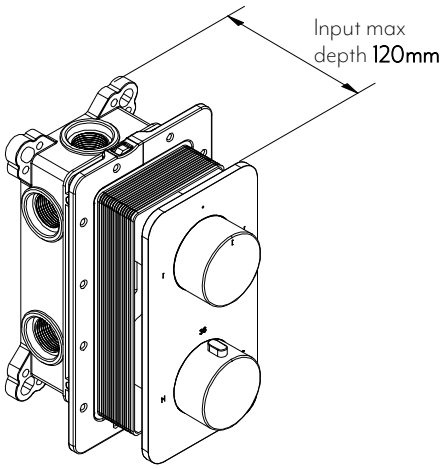
Determine with your client the best location for the TSM. Chase your wall accourdingly.

Note: The thickness of your wall will limit the depth at which you can place the in-wall component. **73- 120mm are the absolute limits** (including finished wall).

For a minimal look it is recommended to set the in-wall back 120mm from finish wall.



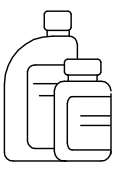
Min Depth Install



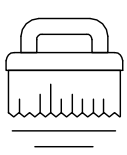
Max Depth Install



Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



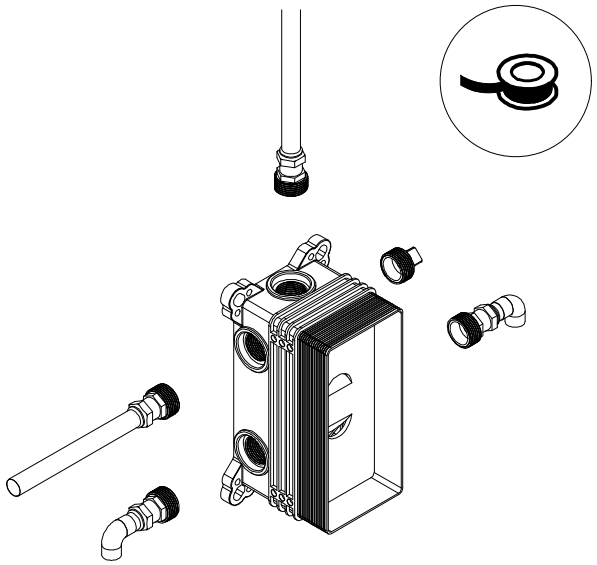
DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

INSTALLATION GUIDE

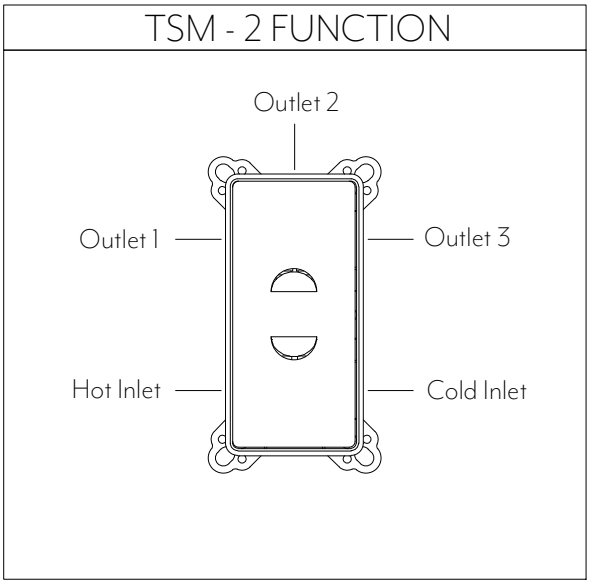
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ABI INTERIORS

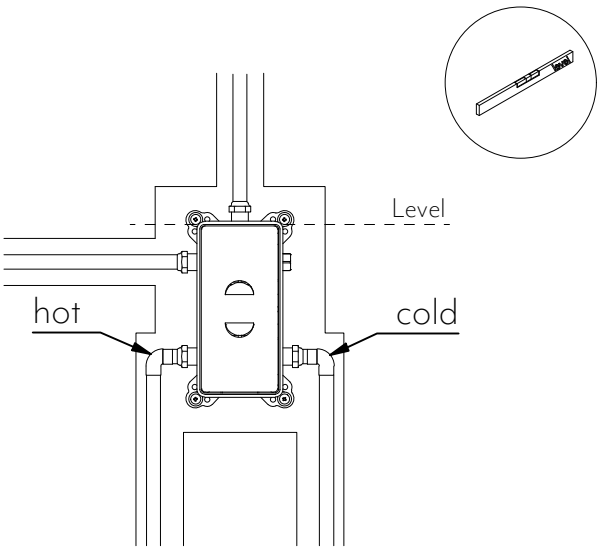
1. Prepare the in-wall component. Plug the outlets that aren't going to be in use. Attach the appropriate fittings that will be used for the water connections. Use the appropriate thread sealant.

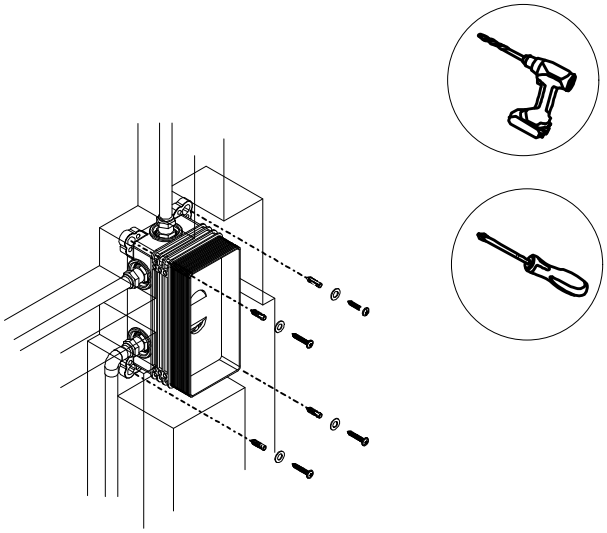


Note: Either Outlet 2 or 3 can be used for the second function as they are connected internally.



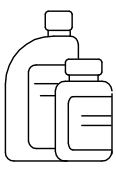
2. Measure the location of the In-wall. Ensure it is level. Fix to the wall.



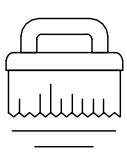




Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



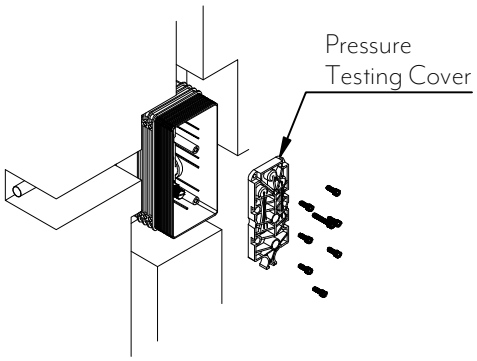
DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

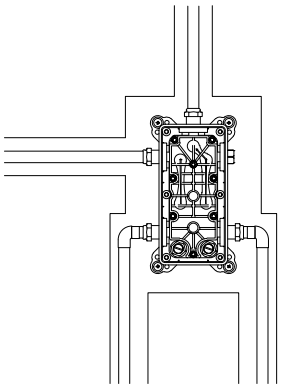
INSTALLATION GUIDE

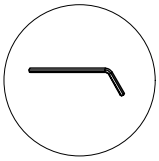
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ABI INTERIORS

3 Attach the pressure testing cover, turn on water and check all pipe work for leaks.

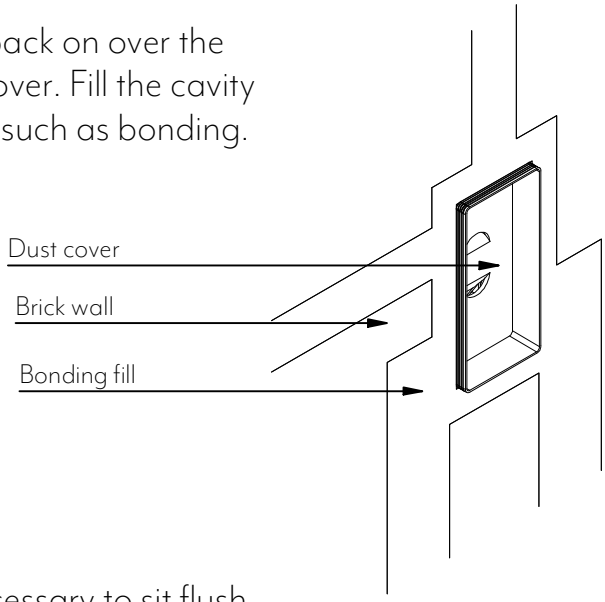




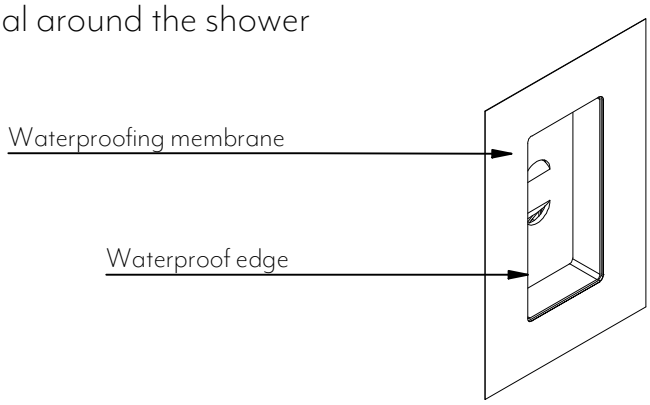

Allen key 4mm


Check for leaks

4 Place dust cover back on over the pressure testing cover. Fill the cavity with a fill material such as bonding.



5 Trim the box if necessary to sit flush with the wall. Apply your waterproof membrane/tanking system to create a water tight seal around the shower valves box.

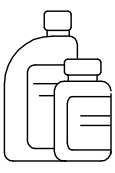




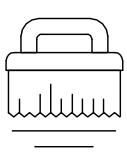
Note: Waterproofing is essential. Failure to waterproof will result in mold and dampness issues along with hefty repair expenses for the trades at fault.



Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



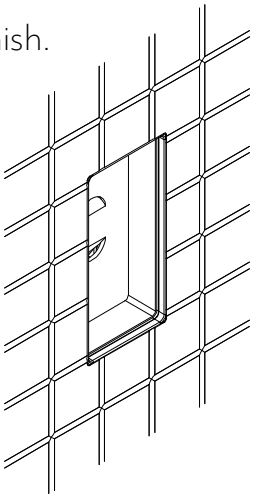
DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

INSTALLATION GUIDE

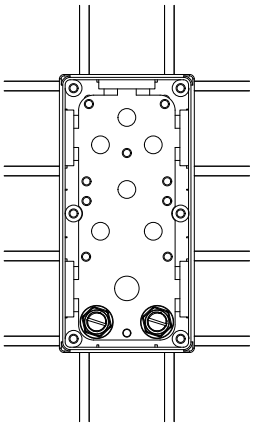
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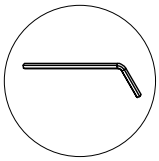
ABI INTERIORS

⑥ Apply the wall finish.



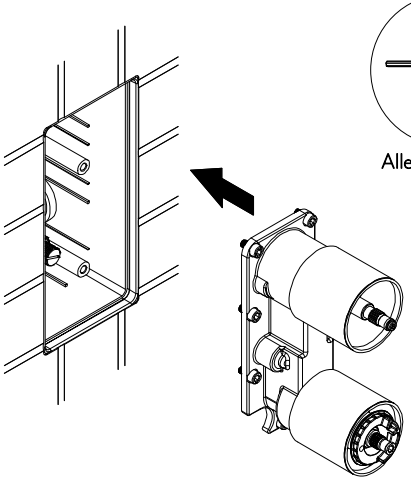
⑦ Remove cover. Run water out the lines to clear any debris.

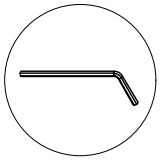




Allen key 4mm

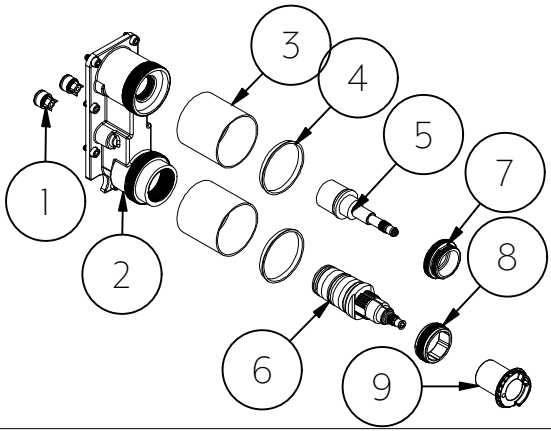
⑧ Insert the top in-wall component





Allen key 4mm

TOP IN-WALL COMPONENT



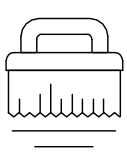
1. Non-return valve
2. Top in-wall body
3. Sleeve (x2)
4. Slip collar (x2)
5. Dual function diverter
6. Thermostatic valve
7. Diverter locking nut
8. Thermostatic valve sleeve
9. Limiting sleeve



Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



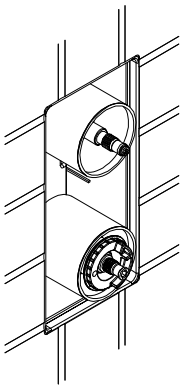
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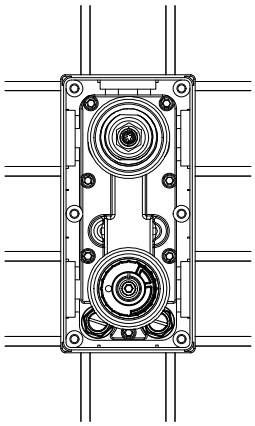
INSTALLATION GUIDE

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ABI INTERIORS

⑨ Turn water on. Check for leaks.

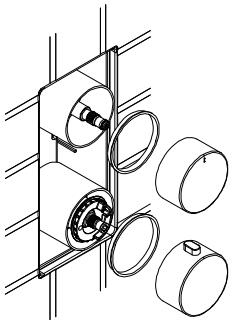


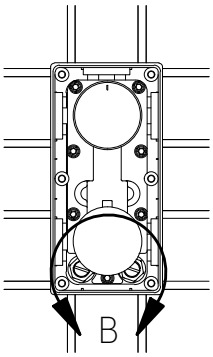


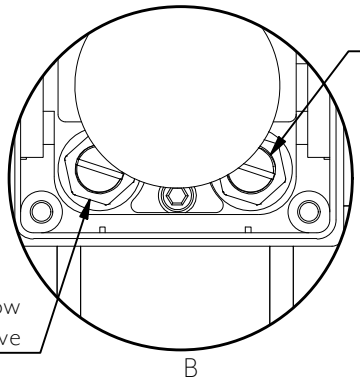


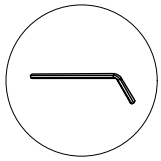
Check for leaks

⑩ Fit the handles loosly. Use a temperature gauge to measure the water coming out of the shower head and set the thermostatic valve. If necessary you can adjust the flow control valves in the corners.

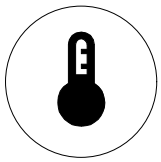








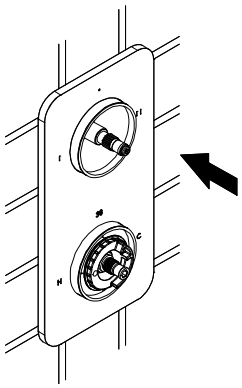
Allen key 2.5mm

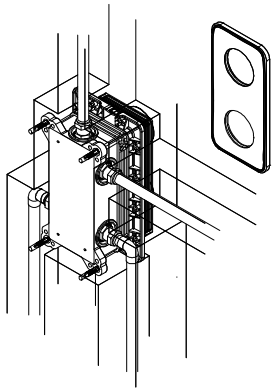


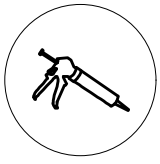
Check and adjust



⑪ Remove handles again. Apply silicone to the backplate and push on.



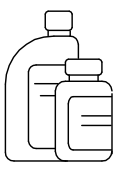




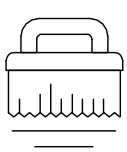
Silicone perimeter



Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



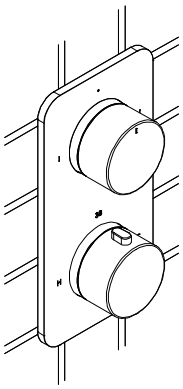
DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

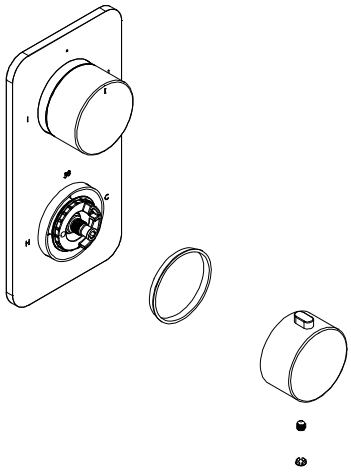
INSTALLATION GUIDE

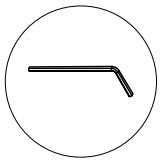
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ABI INTERIORS

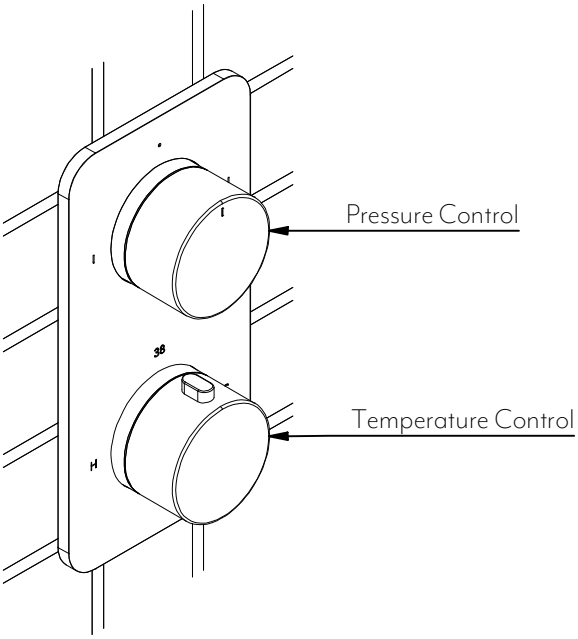
12 Reattach the handle and fasten the grub screws. Push grub screw covers onto handles.

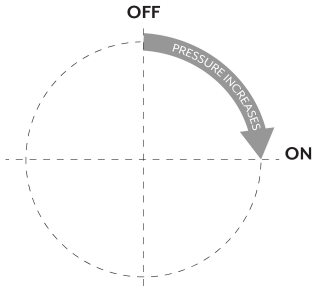




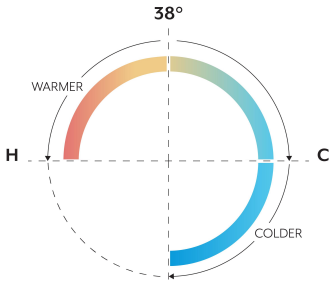


13 Operation.





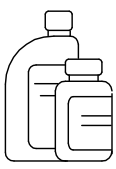
Pressure Control



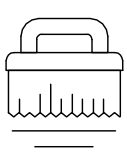
Temperature Control



Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

INSTALLATION GUIDE

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ABI INTERIORS

Thermostatic Shower Mixer (TSM) - Double Function

In The Box

Box 1

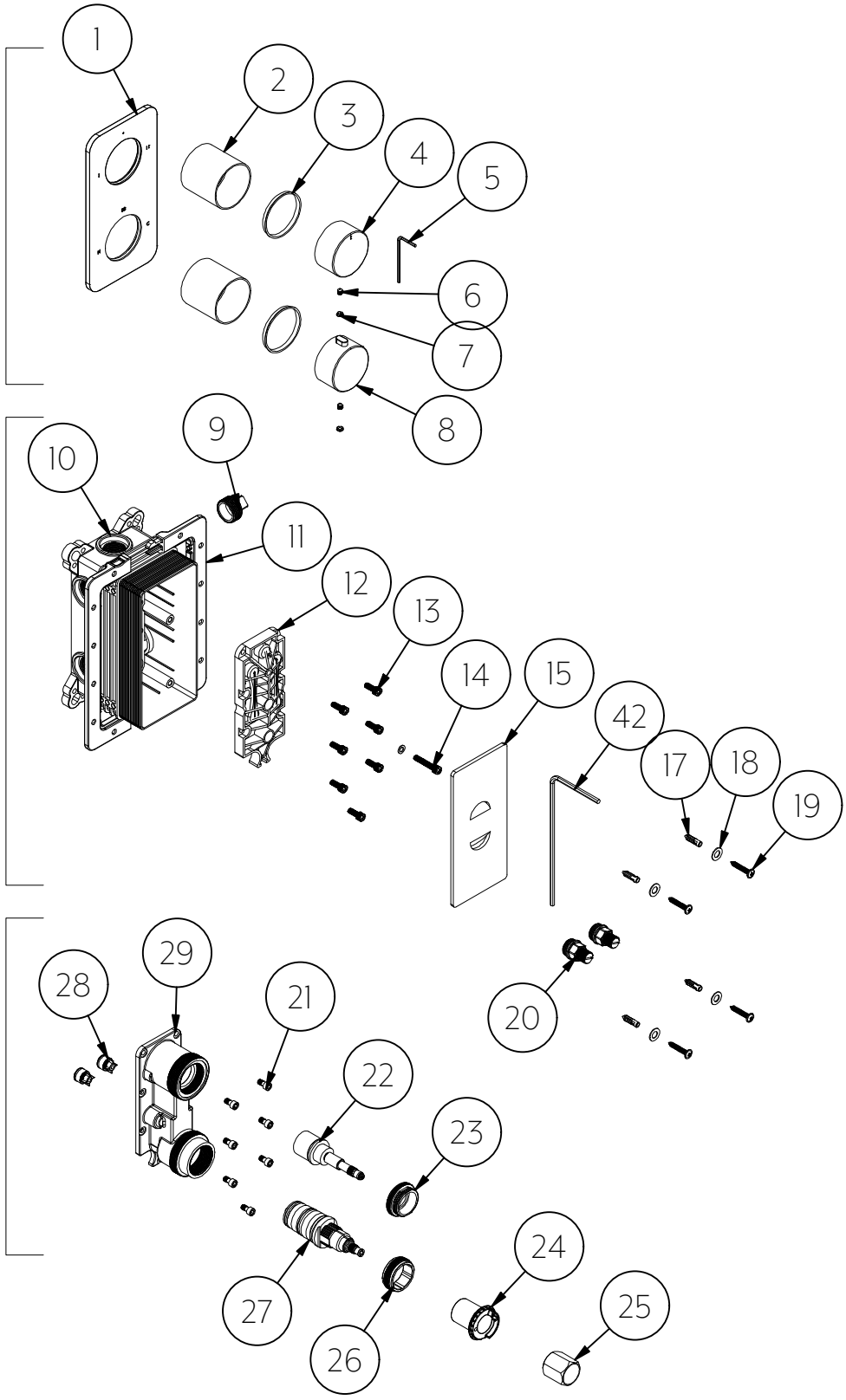
1. Backplate
2. Sleeve x2
3. Slip collar x2
4. Diverter handle
5. Allen key 2.5mm
6. M5 set screw x2
7. Grub screw cover x2
8. Temperature handle

Box 2

9. Threaded plug x2
10. In-wall box
11. Collar x2
12. Pressure testing cover
13. M5 x 19 Bolt x7
14. M5 x 35 Bolt x1
15. Dust cover
16. Allan Key 4mm
17. Wall plugs x4
18. Washers x4
19. Fixing screws x4
20. Flow control valves x2

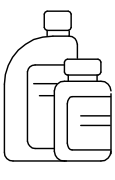
Box 3

21. M5 x 15 Bolts x7
22. Dual function diverter
23. Diverter locking nut
24. Limiting sleeve
25. Thermostatic valve locking nut tool
26. Thermostatic valve locking collar
27. Thermostatic valve
28. Non-return valves x2
29. Top In-wall component

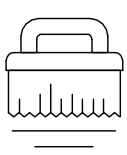




Regularly clean with mild liquid detergent or soap and water



DO NOT use cream cleaners or bleach. These substances are abrasive



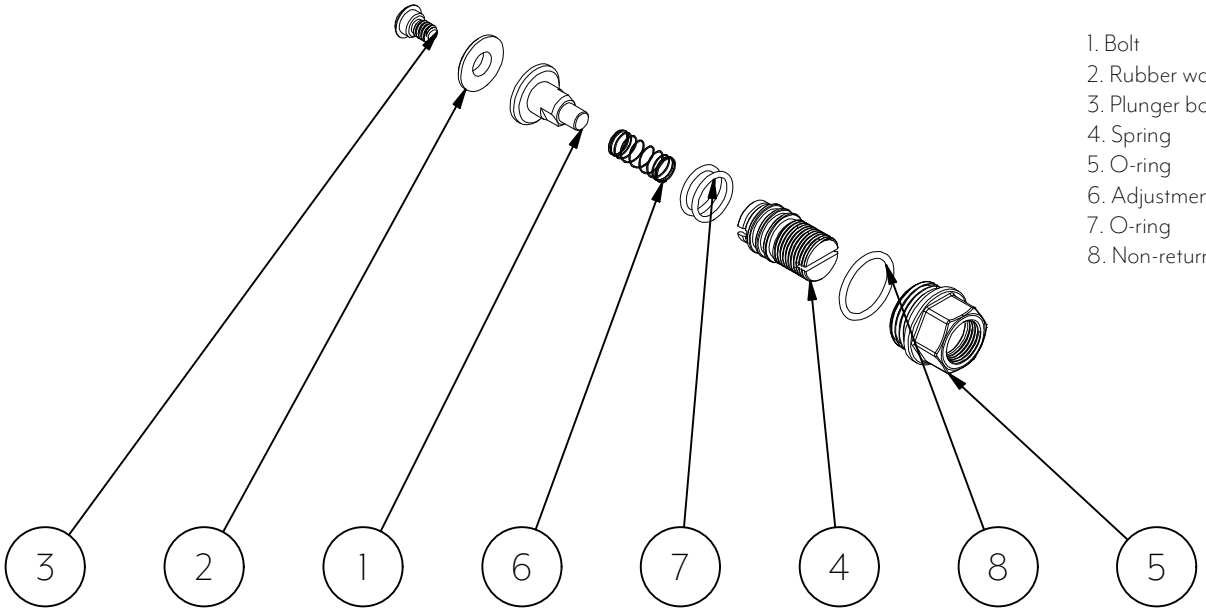
DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

INSTALLATION GUIDE

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ABI INTERIORS

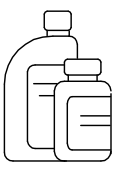
Thermostatic Shower Mixer (TSM) - Single Function
Sub Components



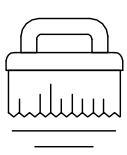
1. Bolt
2. Rubber washer
3. Plunger body
4. Spring
5. O-ring
6. Adjustment screw
7. O-ring
8. Non-return body



Regularly clean with mild liquid detergent or soap and water

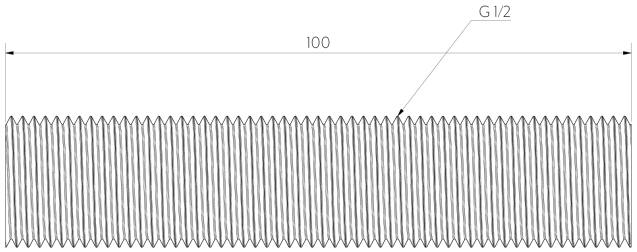


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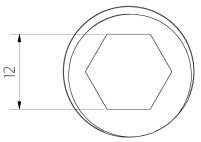


DO NOT use cleaning pads with abrasive surfaces as this may scratch the material

1/2 MALE THREAD ADAPTER



Side View



Front View

Note: Dimensions are nominal measurements only

SPECIFICATIONS

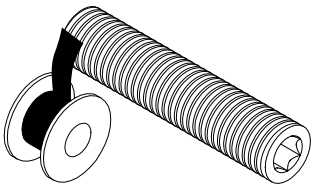
MATERIAL	Solid Brass

Disclaimer: Products in this manual must by law be installed by licensed and registered tradespeople in accordance with the relevant standards. ABI and the manufacturer/distributor reserve the right to vary specifications or delete models from their range without prior notification. Dimensions are nominal measurements only. The information listed is correct at the time of publication, however ABI and the manufacturer/distributor takes no responsibility for printing errors. Copyright © ABI Interiors 2024 Pty Ltd

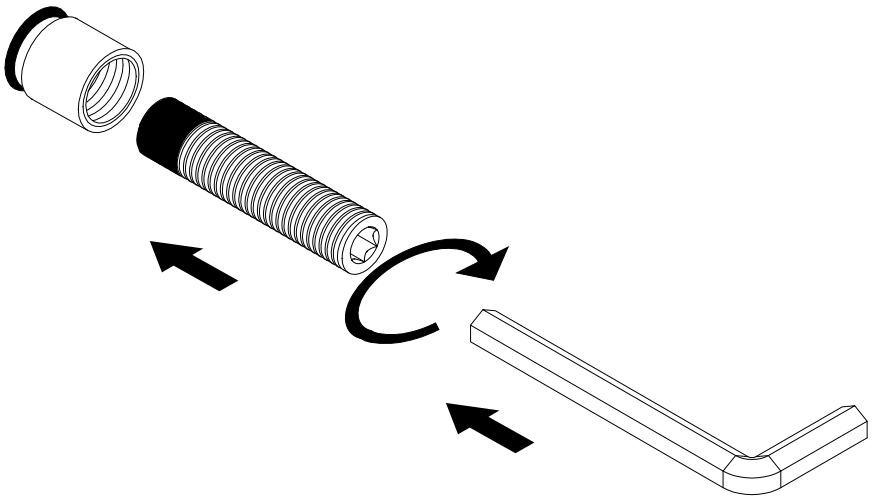
1/2 INCH MALE ADAPTOR INSTALLATION GUIDE

Note: This product must be installed by a licensed tradesperson.
This is a general installation guide - there are many factors that are involved that can alter the installation method.

1 Apply teflon tape to 1/2 inch male adaptor.



2 Fit 1/2 inch male adaptor to female BP and tighten with a 12 mm metric Allan key.



3 Cut 1/2 inch male adaptor to suit wall thickness and product.

