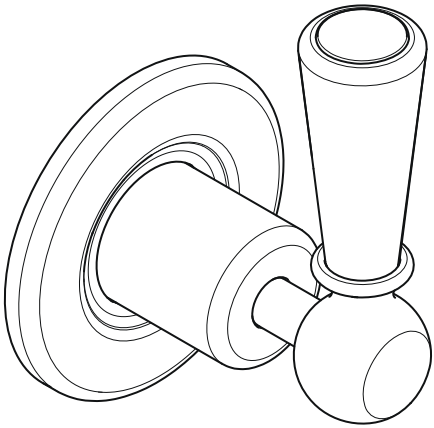
1721 / 1723

TWO WAY WALL MOUNTED DIVERTER

INSTALLATION GUIDE



LEFROY BROOKS

IMPORTANT INFORMATION

Professional installation
We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations. All products should be accessible for routine servicing.

Suits all systems
This Lefroy Brooks product is potentially suitable for every possible application, type of boiler and water supply pressure. However, if your supply pressure is below 1 bar it is advisable to fit a water pump. For systems with combination boilers, it is not advisable to fit pumps (refer to boiler manufacturer).

Supply temperature safety notice
A thermostatic mixing valve (TMV) should be fitted (not supplied) to the hot supply to restrict the temperature to a safe working/maximum temperature to comply with local building regulations, current legislation, relevant standards and codes of practice. Maximum allowed temperatures vary subject to type of installation or specification of building.

Flushing system
It is most important to flush out all pipework thoroughly before connecting the product. This is the single most common cause of cartridge failure.

Supply connections
Lefroy Brooks do not supply any pipework or connections for the diverter. Connections are G½. We recommend tap connectors be used to connect pipework to the diverter.

Servicing
The diverter is designed to be serviced from the front, but suitable access should be available to aid any future maintenance/servicing. Installing isolation valves will make servicing much easier (not supplied).
All serviceable parts are available to maintain your Lefroy Brooks product (contact your retailer for details).

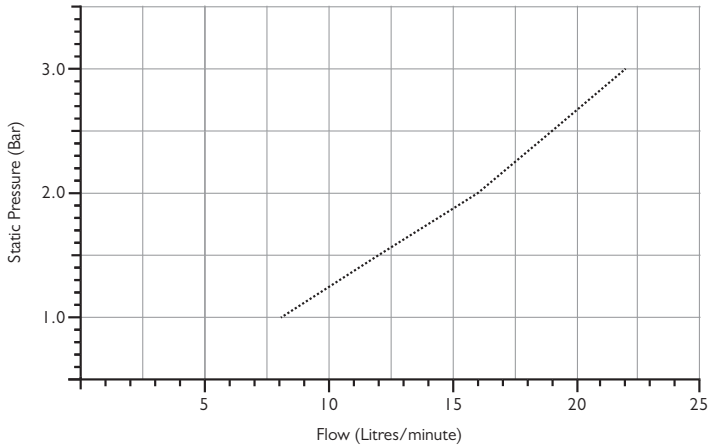
Water quality
In hard water areas a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits). Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

Understanding the operation of the diverter.
This Lefroy Brooks product is a diverter valve and is designed to divert the water supply from one application to another.

It cannot be used to:
- Control water temperature
- Control water flow rate
- Isolate the water supply
- Operate more than one application at any one time

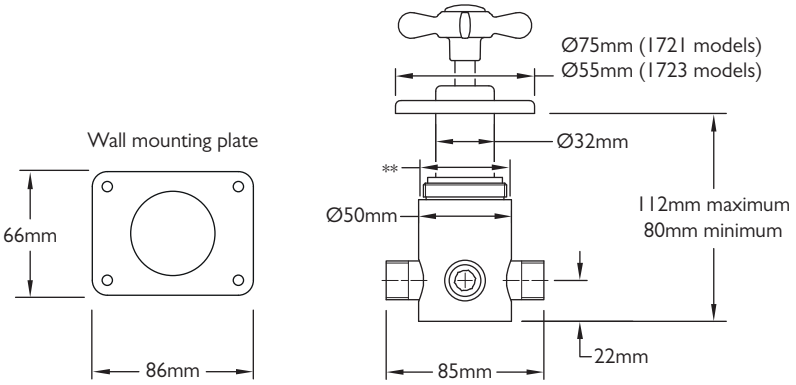
If applications are required to operate simultaneously we recommend the use of separate flow valves in place of the diverter (contact your retailer for advice).

TYPICAL FLOW RATES



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

DIMENSIONS

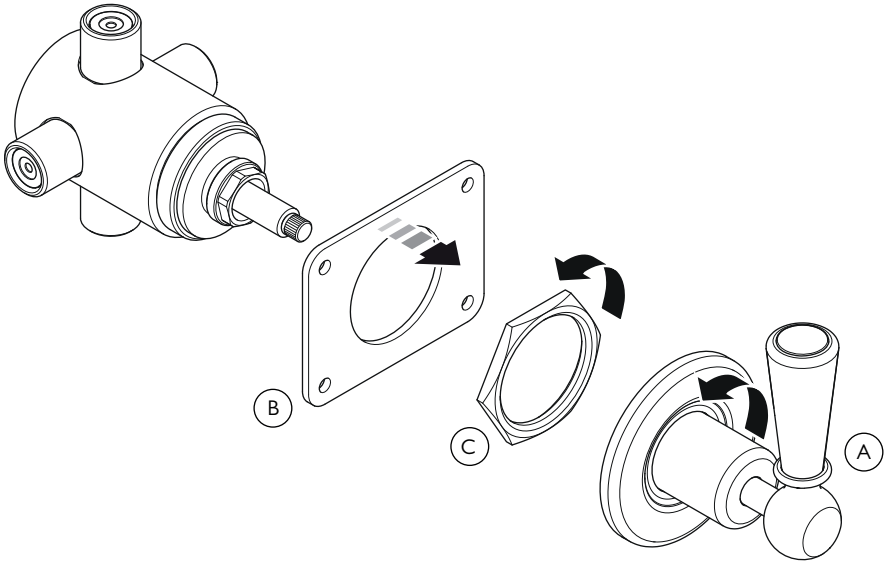


** Important Note:

DO NOT tile over the front of the diverter body. The front cap requires removal for servicing and maintenance. We recommend that Ø48mm to Ø50mm diameter clearance is left unfinished.

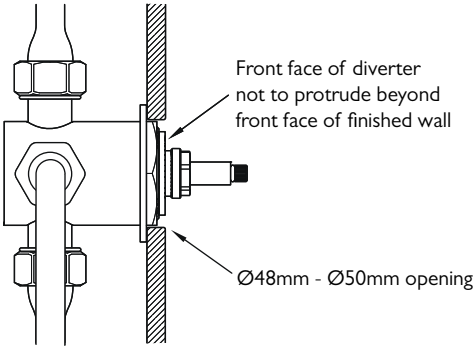
Not to scale

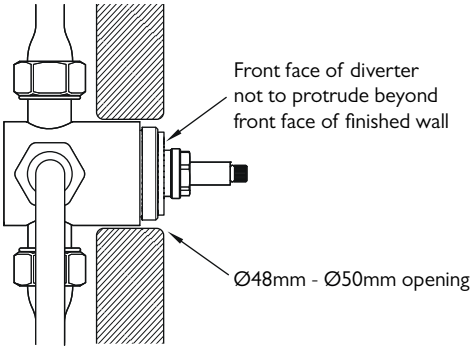
INSTALLATION



1 After removing the diverter from its packaging, unscrew and remove the handle/ lever assembly (A). The wall plate will remain attached to the assembly.

2 The diverter is supplied with a wall mounting plate (B) fitted. If the mounting plate is not required, unscrew and remove lock nut (C) then pull the plate clear of the diverter. Dispose of both.



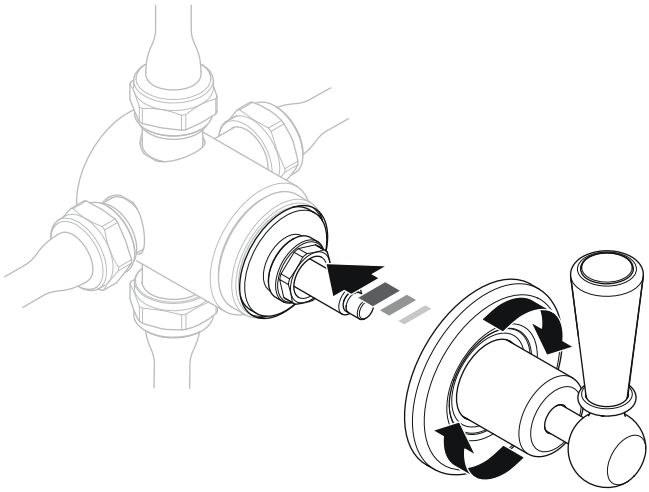


3 Locate the diverter body behind the wall, ensuring that the front face of the diverter does not protrude beyond the front face of the finished wall surface.

4 Connect the pipework. The water inlets and outlets are marked as below:

V = Water inlet.
There are two of these, one for a cold supply and one for hot. If the diverter is being supplied with mixed water from a thermostatic valve then one of the inlets can be closed using a blanking plug (not supplied).

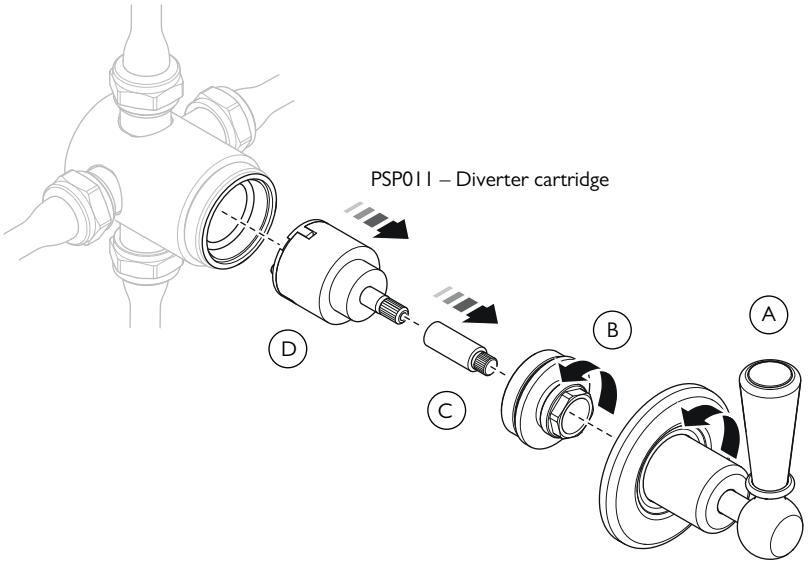
A & B = Water outlets.



5 Align the handle/lever assembly and locate on to the spline.

6 Screw the lever handle assembly body in a clockwise direction to secure in place. Ensure that the wall plate is pushed back to seal against the wall.

SERVICING



Problem solving – Servicing should only be necessary if the diverter fails to divert water, or water is present at two applications at the same time.
If water continually drips from an application fed by the diverter valve, the problem is with the on/off valve that supplies the diverter valve.

1. Hold the body of the handle/lever assembly then unscrew to remove the assembly from the diverter valve (A).
2. Using a 20mm spanner or socked, unscrew and remove the diverter cap (B).
3. Pull the short spindle from the diverter cartridge (C).
4. Pull the diverter cartridge from the diverter body (D).
5. Clean or replace the diverter cartridge.
6. Assemble in reverse order.

IMPORTANT:
There are location pegs on the base of the diverter cartridge. Ensure to locate these into the holes in the diverter body when fitting the cartridge.

20.065.101D / MARCH 2024

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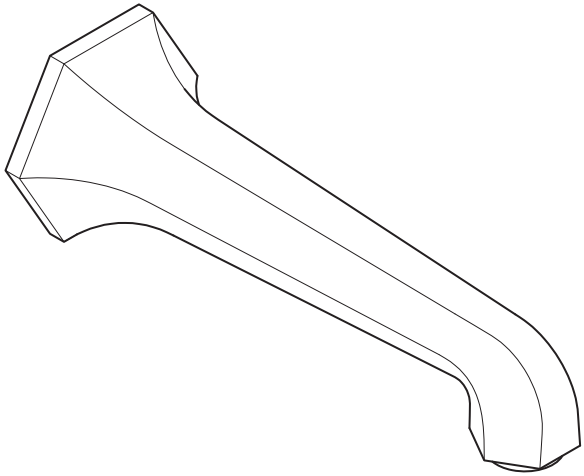
2200 / 2210 / 4125 / 4135
WALL MOUNTED BASIN & BATH SPOUTS

INSTALLATION GUIDE



LEFROY BROOKS

IMPORTANT INFORMATION

Professional installation
We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations and the system protected by non-return valves (not supplied). All products should be accessible for routine servicing.

Suits all systems
This Lefroy Brooks product is potentially suitable for every possible application, type of boiler and water supply pressure. However, if your supply pressure is below 1 bar it is advisable to fit a water pump. For systems with combination boilers, it is not advisable to fit pumps (refer to boiler manufacturer).

Supply temperature safety notice
A thermostatic mixing valve (TMV) should be fitted (not supplied) to the hot supply to restrict the temperature to a safe working/maximum temperature to comply with local building regulations, current legislation, relevant standards and codes of practice. Maximum allowed temperatures vary subject to type of installation or specification of building.

Flushing system
It is most important to flush out all pipework thoroughly before connecting the product. Failure to do so may block aerators and reduce or prevent water flow.

Supply connections
Lefroy Brooks do not supply any pipework or connections for the spouts. The threaded spout tails can be cut to length to suit the available cavity and connected to the water supplies using a standard tee connection.

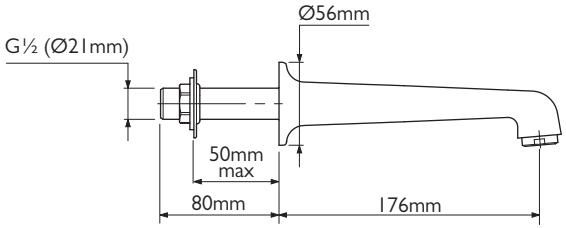
Balancing flow
When using wall valves as separate hot and cold supplies, if a significant difference in pressure exists, we advise fitting a 'flow regulator' (not supplied) to the higher or both supplies.

Servicing
Suitable access should be available to aid any future maintenance/servicing. Installing isolation valves will make servicing much easier (not supplied).
All serviceable parts are available to maintain your Lefroy Brooks product (contact retailer for details).

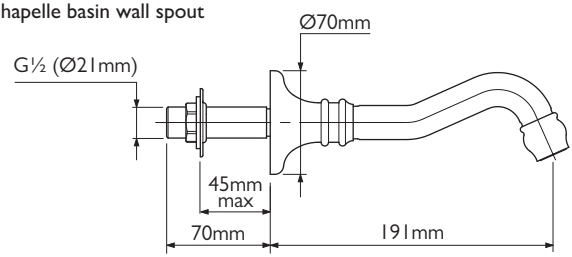
Water quality
In hard water areas a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits). Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

BASIN SPOUT DIMENSIONS

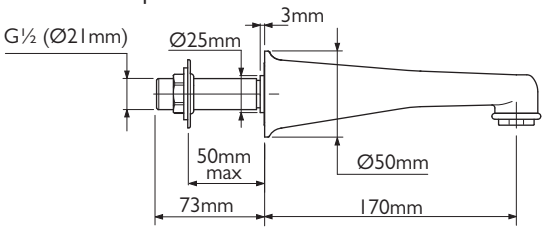
LB 2200 – Classic basin wall spout



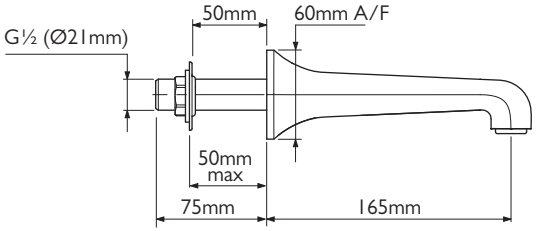
FR 2200 – La Chapelle basin wall spout



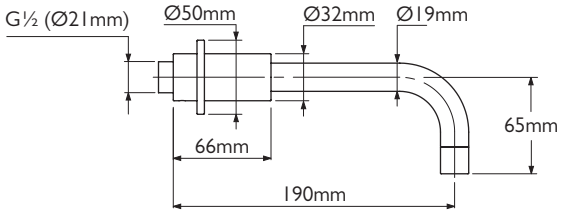
JM 2200 – Janey Mac basin wall spout



MK 2200 – Mackintosh basin wall spout



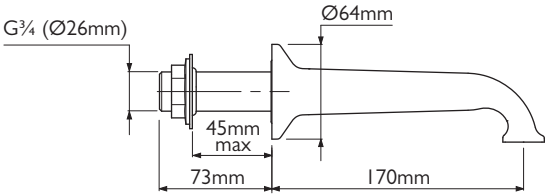
XO 4135 & TT 4135 – Zu basin wall spout



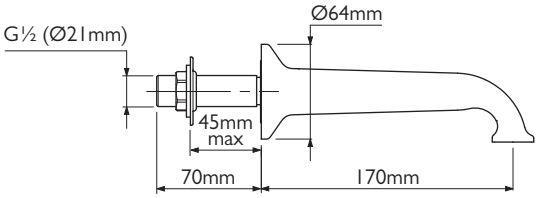
Not to scale

BATH SPOUT DIMENSIONS

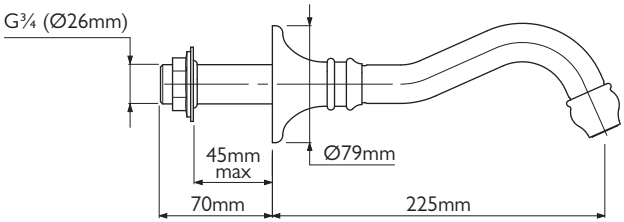
LB 2210 – Classic bath wall spout



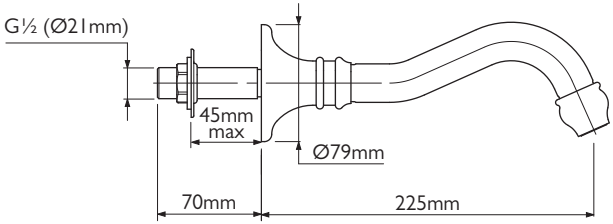
LBE 2210 – Classic bath wall spout



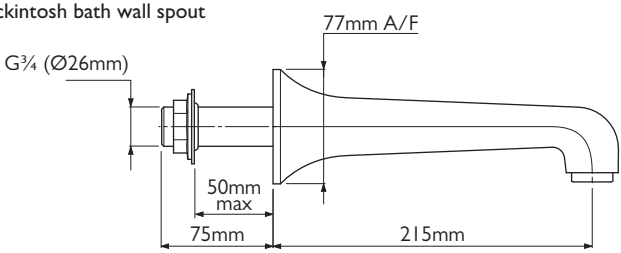
FR 2210 – La Chapelle bath wall spout



FRE 2210 – La Chapelle bath wall spout



MK 2210 – Mackintosh bath wall spout



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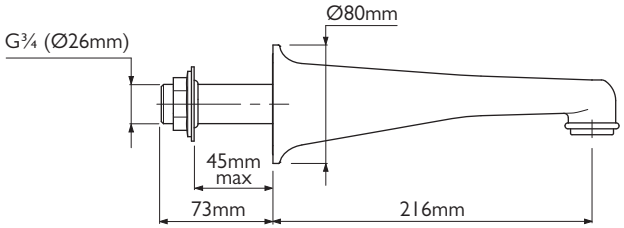
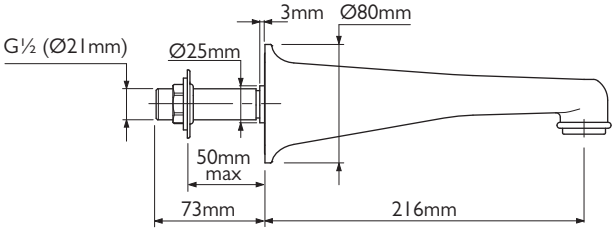
BATH SPOUT DIMENSIONS

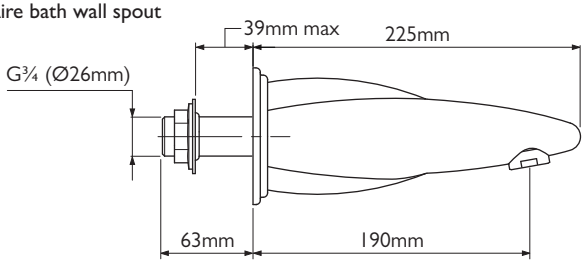
JM 2210 – Janey Mac bath wall spout



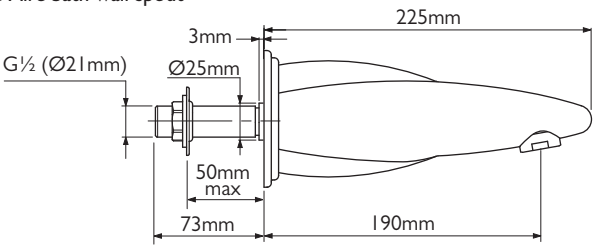
JME 2210 – Janey Mac bath wall spout



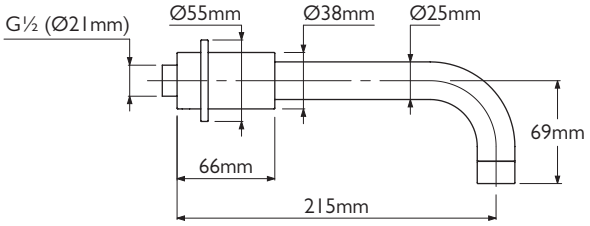
RT 2210 – Belle Aire bath wall spout



RTE 2210 – Belle Aire bath wall spout



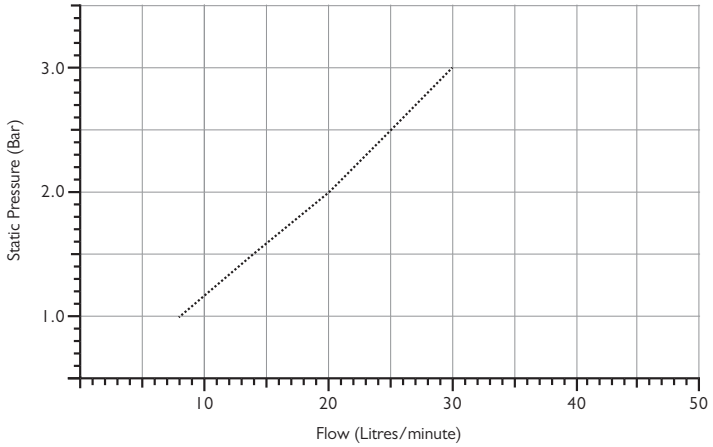
XO 4125 & TT 4125 – Zu bath wall spout



Not to scale

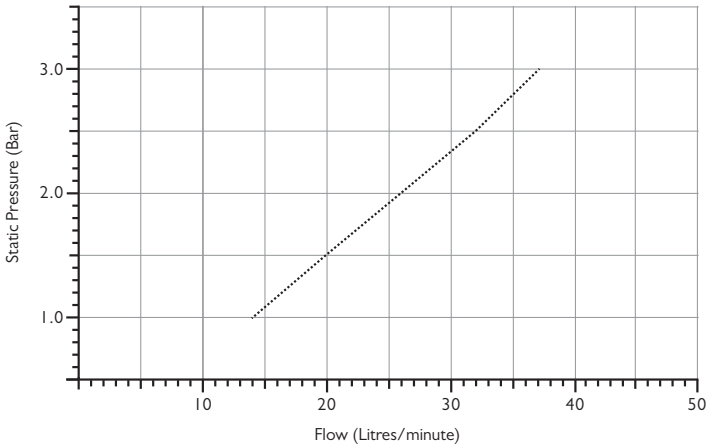
TYPICAL FLOW RATES

LB 2220 & JM 2200 basin wall spouts



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

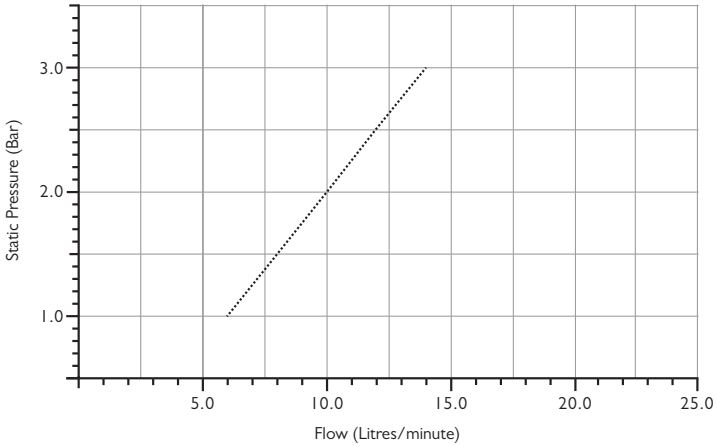
FR 2220 basin wall spout



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

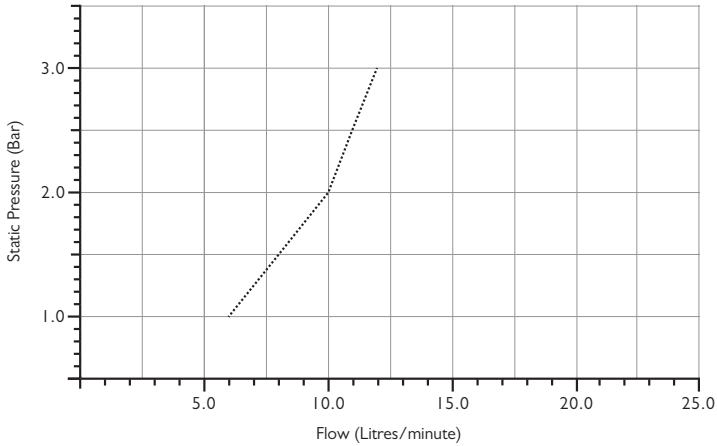
TYPICAL FLOW RATES

MK 2200 basin wall spout



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

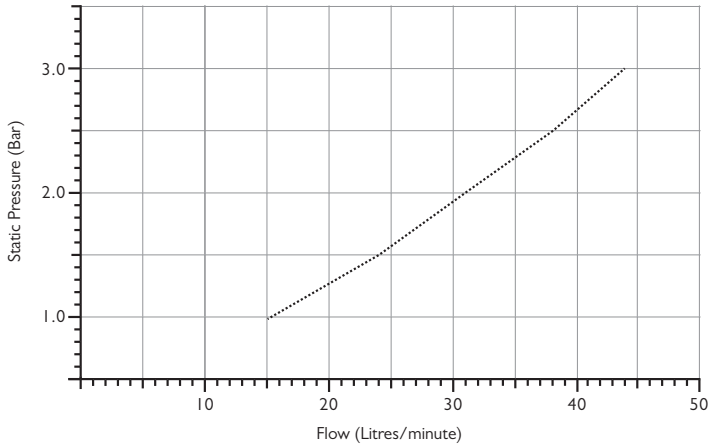
TT 4135 & XO 4135 basin wall spout



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

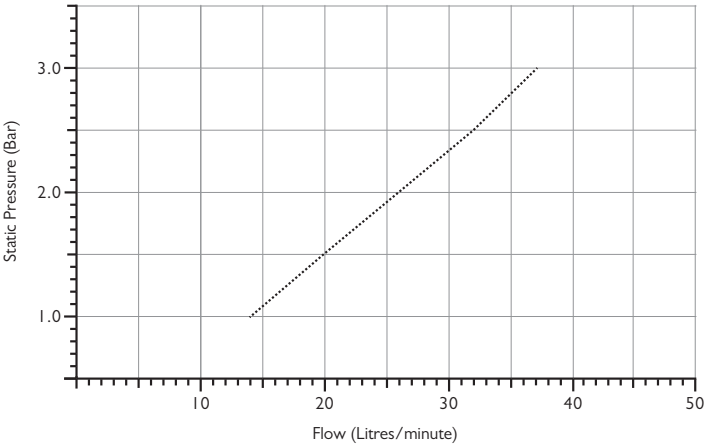
TYPICAL FLOW RATES

LB 2210, LBE 2210, MK 2210, TT 4125 & XO 4125 bath wall spouts



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

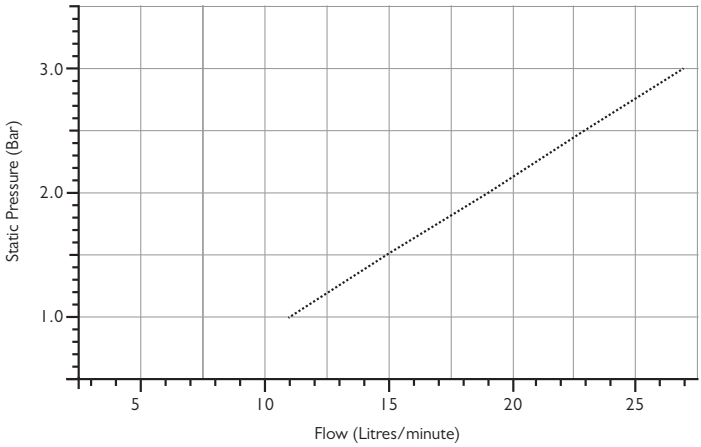
FR 2210 & FRE 2210 bath wall spouts



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

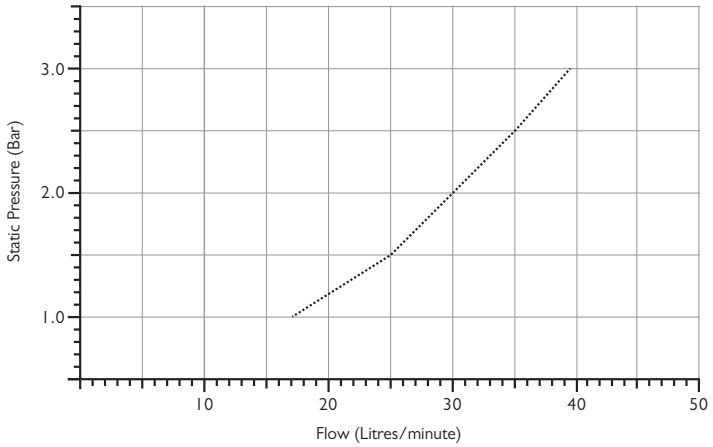
TYPICAL FLOW RATES

JM 2210 & JME 2210 bath wall spouts



Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

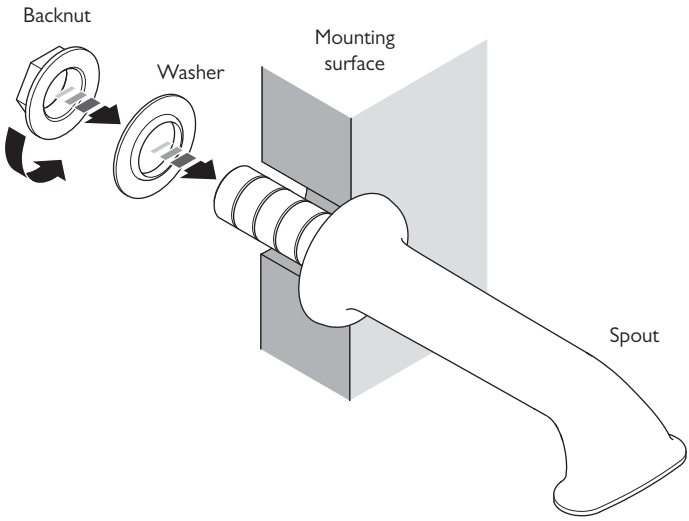
RT 2210 & RTE 2210 bath wall spouts

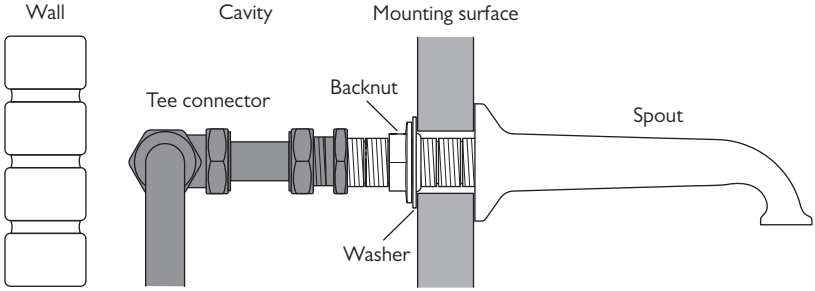


Note: Balanced pressures shown are applied directly to the hot and cold inlets; flow rates indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

INSTALLATION

(All models except TT 4125, TT 4135, XO 4125 & XO 4135)



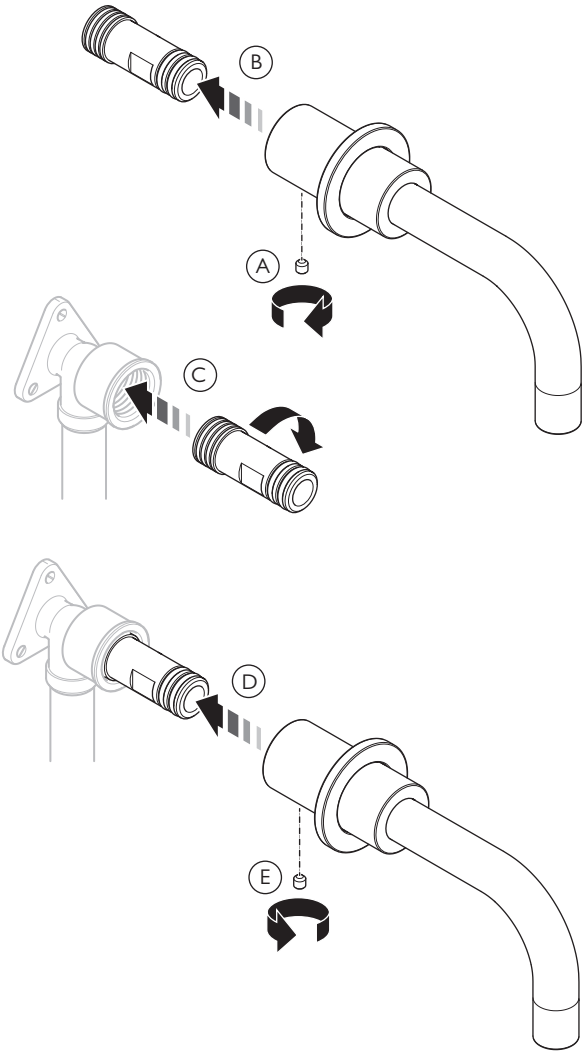


Spouts are not suitable for solid walls.

1 Drill a suitable sized hole through the mounting surface.
2 Insert the spout tail through the opening in the mounting surface.
3 Locate the washer on to the spout tail.
4 Screw the backnut on to the spout tail.

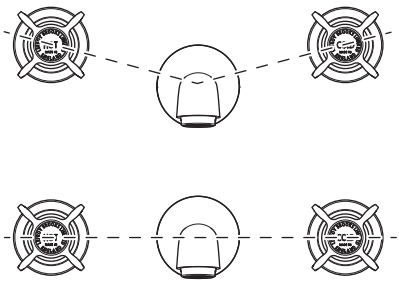
INSTALLATION

TT 4125, TT 4135, XO 4125 & XO 4135 only



1 Unscrew and remove the grub screw from the base of the spout using the supplied 2.5mm hexagonal key (A).
2 Pull the wall adapter clear of the spout body (B).
3 Apply suitable sealing compound/tape to the thread of the wall adapter and screw into a suitable female wall fitting (C).
4 Gently push the spout onto the wall adapter (D) then fit the grub screw to secure (E).

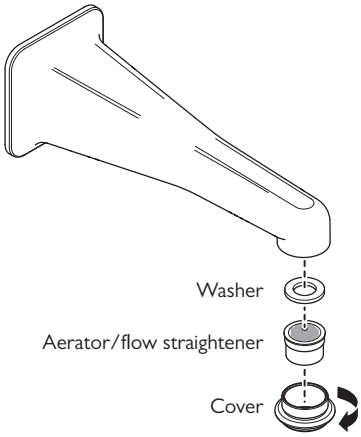
TYPICAL LAYOUT



There are no regulations specifying the position between spout and valves.
They can be installed as required.

SERVICING – CLEANING THE AERATOR/FLOW STRAIGHTENER

Shown with Janey Mac bath spout.
The same procedure applies to all models fitted with aerators/flow straighteners.
Not applicable to Classic bath spout (LB 2210).



1 There is an aerator/flow straightener located in the end of the spout. To remove this unscrew and remove the cover.

2 The aerator/flow straightener can be cleaned in warm soapy water.

3 Assemble in the reverse order.

REPLACEMENT AERATORS/FLOW STRAIGHTENERS

Belle Aire Bath – PSH032

Classic Basin – PSH030
Classic Bath – None fitted

La Chapelle Basin – PSH034
La Chapelle Bath – PSH035

Janey Mac Basin – PSH108
Janey Mac Bath – PSH127

Mackintosh Basin – PSH029
Mackintosh Bath – PSH032

XO & TT Basin – PXT029
XO & TT Bath – PXT030

20.065.309C / OCTOBER 2023

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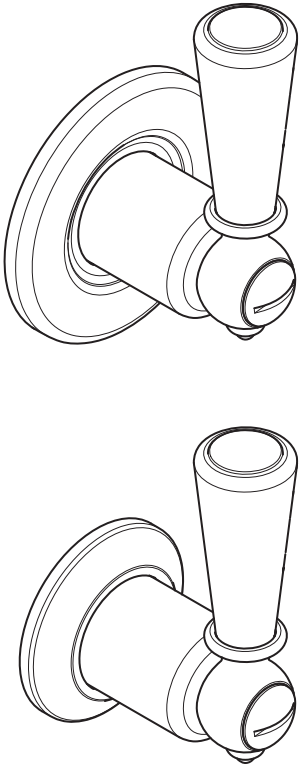
¾" WALL MOUNTED FLOW VALVES AND WALL VALVES FOR BATHS & SHOWERS

INSTALLATION GUIDE



LEFROY BROOKS

IMPORTANT INFORMATION

Professional installation

We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations and the system protected by non-return valves (not supplied). All products should be accessible for routine servicing.

Suits all systems

This Lefroy Brooks product is potentially suitable for every possible application, type of boiler and water supply pressure. However, if your supply pressure is below 1 bar it is advisable to fit a water pump. For systems with combination boilers, it is not advisable to fit pumps (refer to boiler manufacturer).

Supply temperature safety notice

A thermostatic mixing valve (TMV) should be fitted (not supplied) to the hot supply to restrict the temperature to a safe working/ maximum temperature to comply with local building regulations, current legislation, relevant standards and codes of practice. Maximum allowed temperatures vary subject to type of installation or specification of building.

Flushing system

It is most important to flush out all pipework thoroughly before connecting the spout. This is the single most common cause of valve/ cartridge failure.

Supply connections

Lefroy Brooks do not supply any pipework or connections for wall or flow valves as they can be installed in a variety of configurations subject to each customers installation design or requirement.
Connections should be made using ¾" BSP parallel connectors (not compression fittings).

Balancing flow

When using wall valves as separate hot and cold supplies, if a significant difference in pressure exists, we advise fitting a 'flow regulator' (not supplied) to the higher or both supplies. Flow valves very often receive a mixed water supply from a thermostatic mixing valve.
Non-return valves are incorporated into Lefroy Brooks thermostatic mixing valves.
Hot and cold water valves are the same for basin, bath & shower installations. The only difference is the sliding wall plate.

Water quality

In hard water areas, a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits) which may effect the long term performance of the ceramic cartridge. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

Servicing

All serviceable parts are available to maintain your Lefroy Brooks product.

DEFINITIONS

Flow valves

Water supply is from a thermostatic shower. Flow valves are used to isolate and control flow to items such as hand showers, body jets, bath spouts etc.

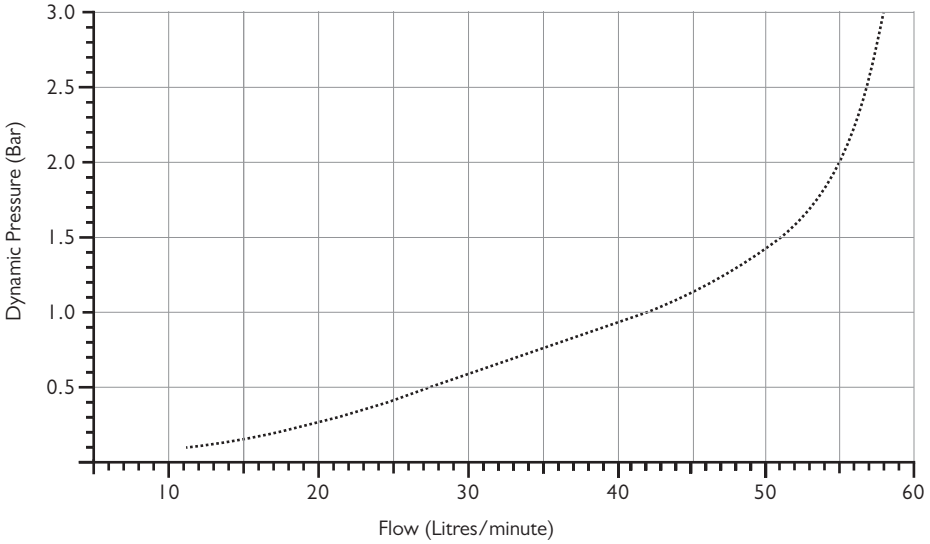
Wall valves

Water supply is 'Hot' or 'Cold'. Wall valves are used to isolate and control flow to bath fillers and spouts.

EXTENSION KIT

A 25mm extension kit (part number WFV9900) is available for wall and flow valves that are fitted into deep walls. This consists of a shroud and spindle extension. The kit is available for all models except Belle Aire.

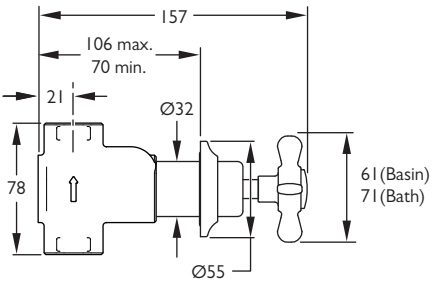
TYPICAL FLOW RATES



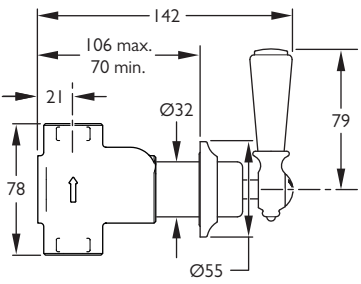
Note: The pressures shown are applied directly to the inlet; the flow rate indicated are free flowing and may vary subject to restrictions created by installation, pipework, layout or application.

WALL VALVE DIMENSIONS

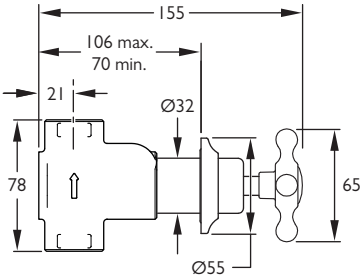
Inlets and outlets have female ¾" BSP parallel threads. All dimensions are in millimeters (mm).



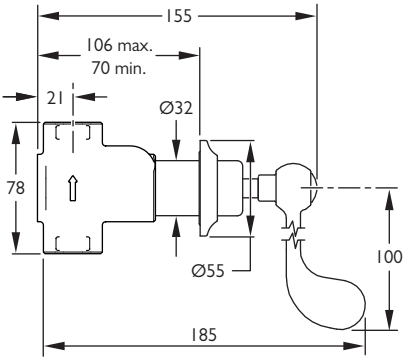
LB – Classic cross handle



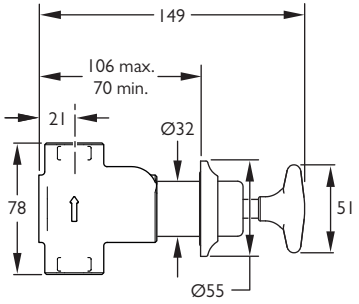
WL – White lever
BL – Black lever
MTL – Metal lever



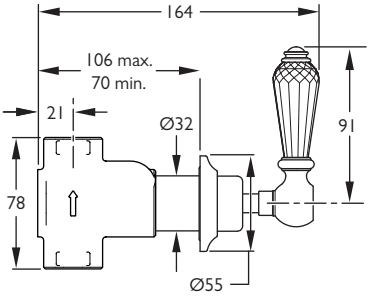
CH – Connaught cross handle



CL – Connaught lever
(available, but not offered as standard)



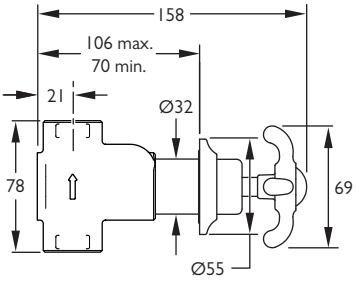
LS – Classic star cross handle



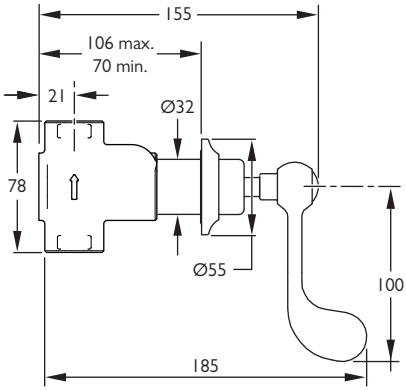
CR – Black crystal lever

Not to scale

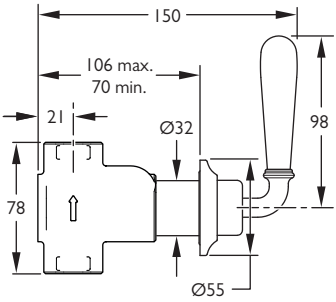
Inlets and outlets have female ¾" BSP parallel threads. All dimensions are in millimeters (mm).



FH – La Chapelle cross handle



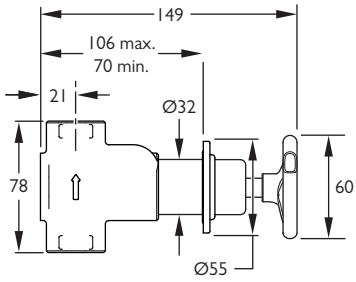
FL – La Chapelle lever
(available, but not offered as standard)



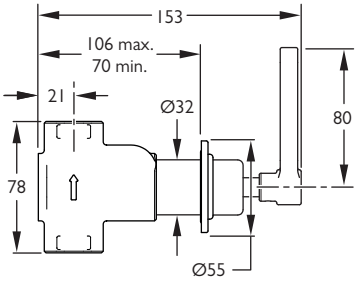
FW – La Chapelle white lever
FM – La Chapelle metal lever
FB – La Chapelle black lever

Not to scale

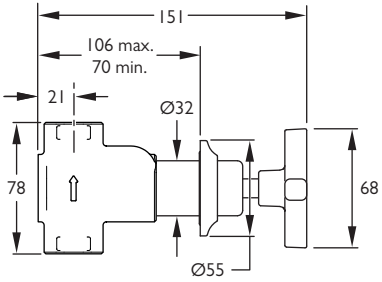
Inlets and outlets have female ¾" BSP parallel threads. All dimensions are in millimeters (mm).



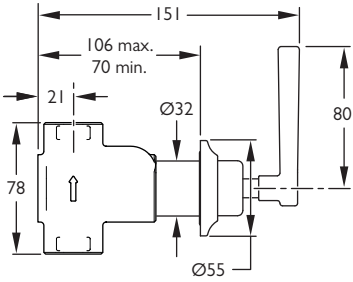
TH – Ten Ten handwheel



TL – Ten Ten lever



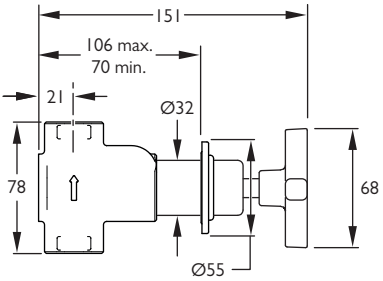
MH – Mackintosh cross handle



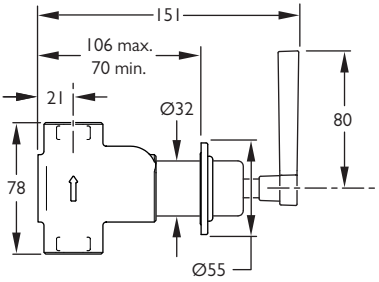
ML – Mackintosh lever
MB – Mackintosh black lever

Not to scale

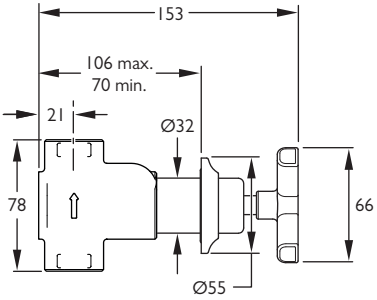
Inlets and outlets have female ¾" BSP parallel threads. All dimensions are in millimeters (mm).



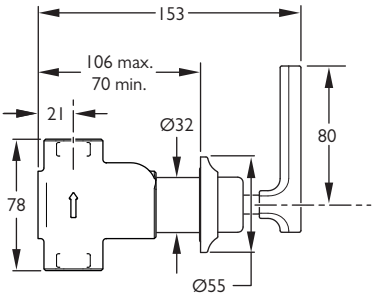
JH – Janey Mac cross handle



JL – Janey Mac lever



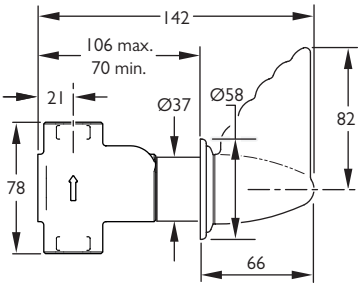
DH – Fifth cross handle



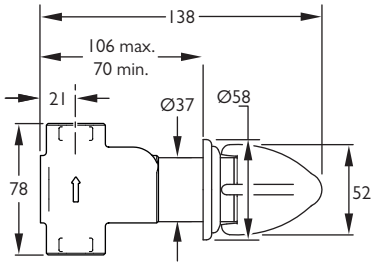
DL – Fifth lever

Not to scale

Inlets and outlets have female ¾" BSP parallel threads. All dimensions are in millimeters (mm).



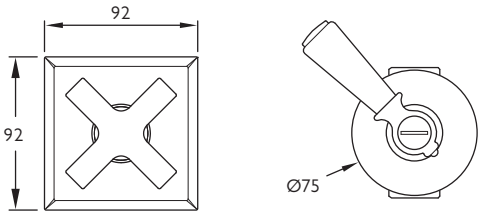
RL – Belle Aire lever



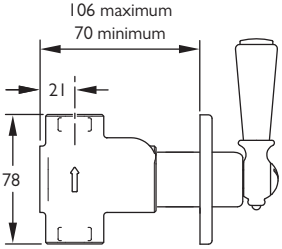
RH – Belle Aire cross handle

FLOW VALVE DIMENSIONS

Inlets and outlets have female ¾" BSP parallel threads.



DH & DL models only



Not to scale

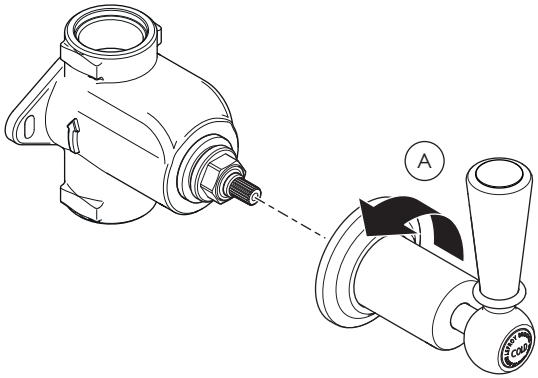
For other dimensions see 'Wall valve dimensions' section

Notes:

Belle Aire flow valves are the same as Belle Aire wall valves, except that the red and blue 'hot' and 'cold' temperature indicators are replaced with black.

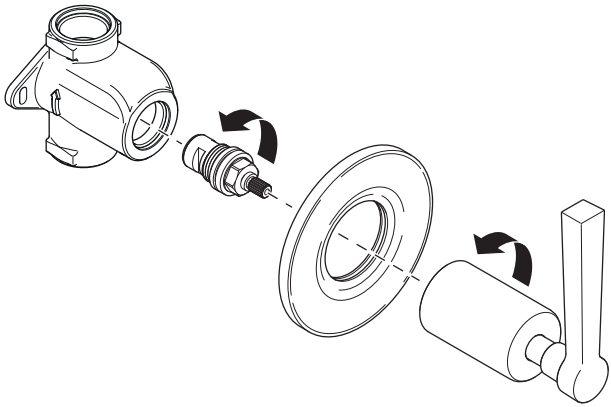
Janey Mac & Ten Ten flow valves are the same as Janey Mac & Ten Ten wall valves.

INSTALLATION



1 Unscrew and remove the shroud (A). Wearing a rubber glove such as those used for washing up will improve grip. The shroud forms part of the lever/cross handle/handwheel assembly. The wall plate will remain attached to the shroud.
2 Locate the valve body to the mounting surface and mark the locations of the mounting holes.
3 Drill the mounting surface to accommodate the chosen fixings.
4 The valve bodies have arrows indicating the direction of flow through the valve. Ensure that the arrows are in the required direction then secure in place using the required fixings.
5 Connect pipes to the valve inlet and outlet using suitable fittings to suit ¾" BSP female parallel threads (NOT compression fittings such as nut and olive). Where soldered joints are used it is important to remove the flow cartridge from the valve body before applying heat to the valve body.
6 Rotate the splined end of the flow cartridge to the 'off' position. Locate and screw the shroud to the valve body.

REPLACEMENT PARTS



Spare cartridges (singles)

PHL044
¾" x ½ turn clockwise closing ceramic cartridges for CH, DH, FH, JH, LB, LS & MH cross handle models.

PHL042
¾" x ¼ turn clockwise closing ceramic cartridges for BL, CL, CR, DL, FB, FL, FM, FW, JL, MB, ML, MTL, TH. TL & WL lever models.

PHL043
¾" x ¼ turn counter clockwise closing ceramic cartridges for BL, CL, CR, DL, FB, FL, FM, FW, JL, MB, ML MTL ,TL & WL lever models.

PWV098
¾" x ½ turn clockwise closing extended ceramic cartridges with adapters for RH cross handle models.

PWV099
¾" x ¼ turn clockwise closing extended ceramic cartridges with adapters for RL lever models.

PWV100
¾" x ¼ turn counter clockwise closing extended ceramic cartridges with adapters for RL lever models.

20.065.304B/ NOVEMBER 2021

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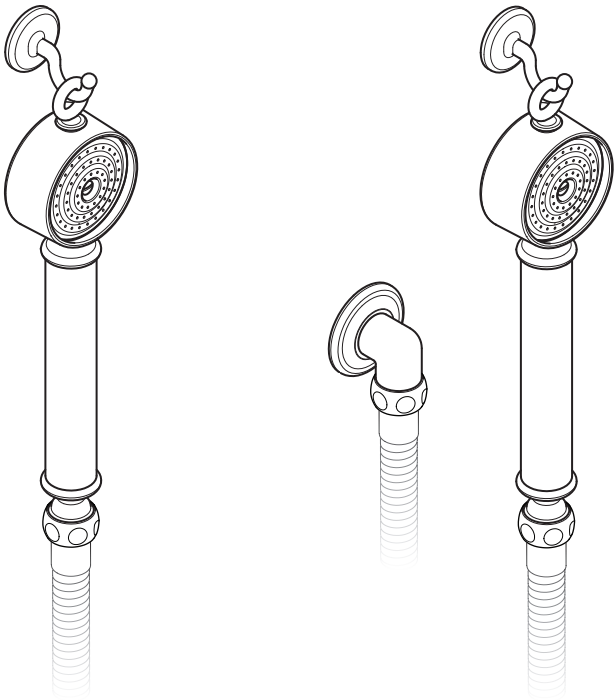
LEFROYBROOKS.CO.UK

TT 1762 / TT 1763
TEN TEN HAND SHOWER
INSTALLATION GUIDE



LEFROY BROOKS

IMPORTANT INFORMATION

Professional installation
We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations and the system protected by non-return valves (not supplied). All products and connections should be accessible for routine servicing.

Suits all systems
This Lefroy Brooks product is potentially suitable for every possible application, type of boiler and water supply pressure. However if the supply pressure is below 1 bar it is advisable to fit a water pump. For systems with combination boilers, it is not advisable to fit pumps (refer to boiler manufacturer).

Supply temperature safety notice

Hand shower supplied from manual hot and cold water supplies.
A thermostatic mixing valve (TMV) should be fitted (not supplied) to the hot supply to restrict the temperature to a safe working or maximum temperature to comply with local building regulations, current legislation, relevant standards and codes of practice. Maximum allowed temperatures vary subject to type of installation or specification of building.

Hand shower supplied from a thermostatic shower control.
There is no need to fit a thermostatic mixing valve (TMV).

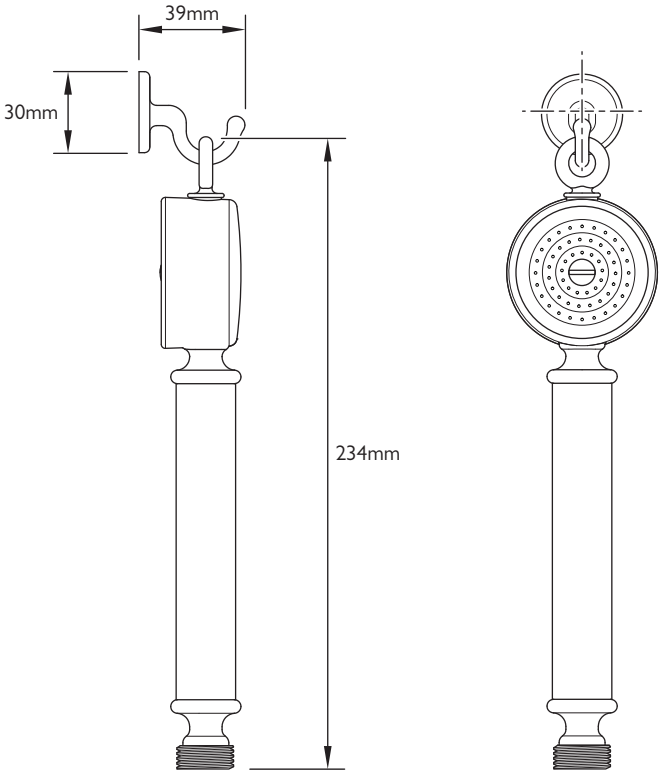
Flushing system
It is most important to flush out all pipework thoroughly before connecting the product.

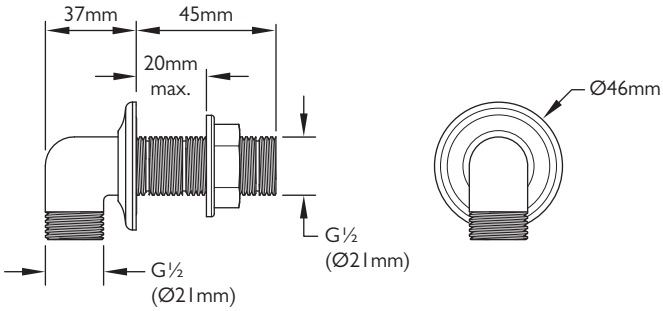
Supply connections
Lefroy Brooks do not supply any pipework or connections for hand showers as they can be installed in a variety of configurations subject to each customers installation, design or requirements.

Water quality
In hard water areas, a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits) which may effect the long term performance of the hand shower. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

Servicing
All serviceable parts are available to maintain your Lefroy Brooks product.

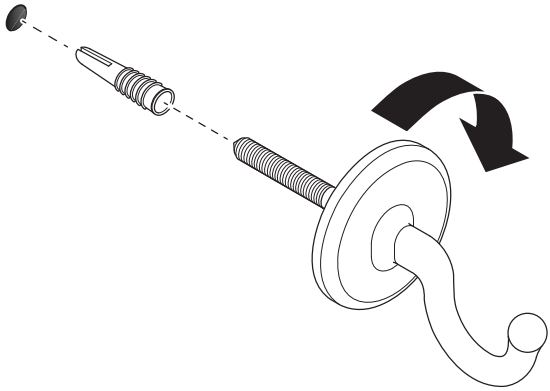
DIMENSIONS





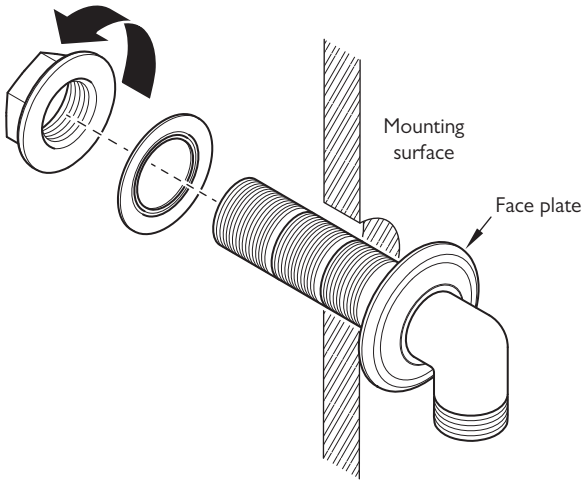
Not to scale

INSTALLATION



1 Mark the hole position for the hook on the mounting surface.
2 Drill a hole using a Ø6mm drill bit.
3 Insert the wall plug into the hole.
4 Screw the hook into place.

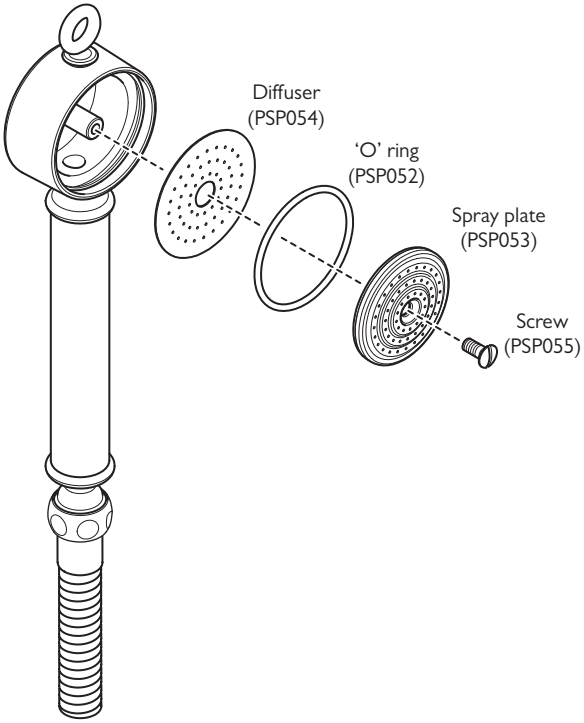
INSTALLATION – TT 1763 ONLY



Note: Before fitting the wall outlet ensure that a rubber 'O' ring is fitted to the rear of the face plate. This is factory fitted, though may have worked loose during transit.

1 Mark the hole position for the wall outlet.
2 Drill a Ø23–24mm hole in the mounting surface.
3 Place the threaded tail through the hole in the mounting surface.
4 Locate the washer onto the threaded tail.
5 Screw the backnut onto the threaded tail and tighten to secure the wall outlet.

SERVICING – CLEANING THE ROSE



1 Unscrew and remove the screw from the centre of the shower rose.
2 The spray plate, 'O' ring and diffuser can now be removed. The spray plate and diffuser can be cleaned using warm soapy water.
3 After cleaning assemble in the reverse order.

FAULT FINDING

Water flow from the hand shower is reduced.

- Debris from the water supply may be causing restriction within the hand shower. The spray plate and internal diffuser can be removed for cleaning. See 'servicing – cleaning the rose' section.

Water drips from the end of the flexible shower hose.

- Tighten the connection at the end of the shower hose. If water continues to drip then unscrew the connection and replace the washer. We recommend replacing the washers at both ends of the hose.

REPLACEMENT PARTS

PSP052 – 'O' ring from rose.
PSP053 – Spray plate.
PSP054 – Diffuser.
PSP055 – Screw.
PSP056 – Hook (Including wall plug).
LB2100 – Flexible shower hose with hexagonal ends. 1.5m x 8mm bore.
PSP044 – Pair of shower hose washers.

20.065.249B / JANUARY 2022

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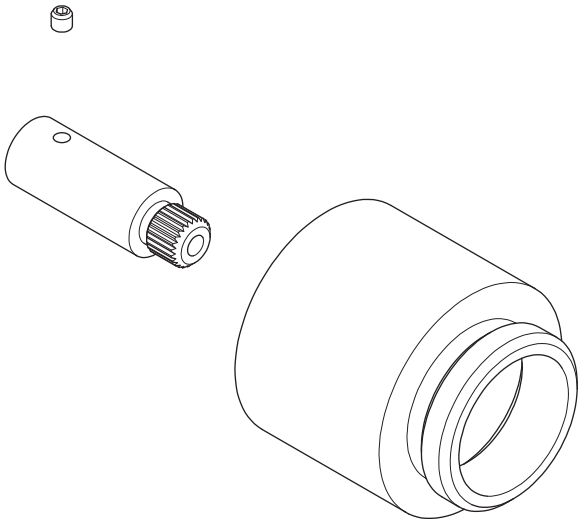
WFV 9900

25MM EXTENSION KIT FOR 5000 SERIES WALL VALVES

INSTALLATION GUIDE



LEFROY BROOKS

SUITABILITY

This extension kit is for use with:

FLOW VALVES

5000 – Plain wall plate
5001 – 'Bath' wall plate
5002 – 'Jets' wall plate
5003 – 'Head' wall plate
5004 – 'Hand' wall plate

WALL VALVES (HOT & COLD)

Handwheels

CH – PWV009
DH – PWV072
FH – PWV020
JH – PWV064
LB – PWV013 (Bath)
LB – PWV001 (Basin)
LS – PWV062
MH – PWV011
TH – PWV068

Levers

BL – PWV005
CL – PWV010
CR – PWV058
DL – PWV074
FB – PWV056
FL – PWV049
FM – PWV054
FW – PWV052
JL – PWV066
MB – PWV060
ML – PWV012
MTL – PWV085
TL – PWV070
WL – PWV002

PLEASE NOTE: This extension kit is NOT SUITABLE for BELLE AIRE models

IMPORTANT INFORMATION

Professional installation
We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations. All products and connections should be accessible for routine servicing.

About this kit (Flow valves only)
The standard concealed flow valves are designed to allow up to 100mm wall thickness, this extension kit will enable you to increase the wall thickness to a maximum of 125mm.

If you have a wall cavity deeper than 100mm to conceal the valve, we recommend the valve is secured to a wooden baton on the mounting wall to reduce the cavity depth (or fit this extension kit to extend the shower valve by 25mm).

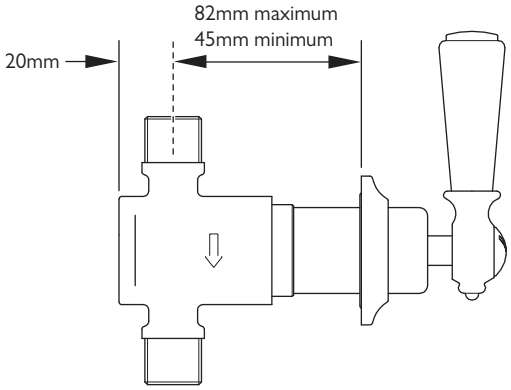
About this kit (Wall valves only)
The standard concealed wall valves are designed to allow up to 102mm wall thickness, this extension kit will enable you to increase the wall thickness to a maximum of 127mm.

If you have a wall cavity deeper than 102mm to conceal the valve, we recommend the valve is secured to a wooden baton on the mounting wall to reduce the cavity depth (or fit this extension kit to extend the shower valve by 25mm).

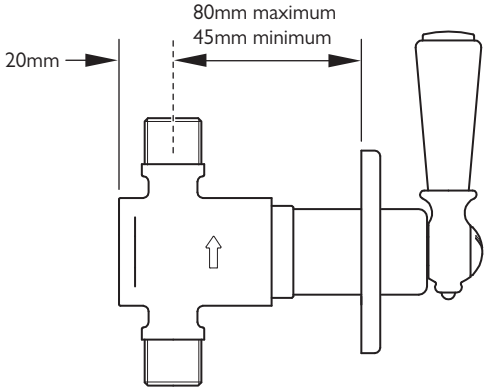
DIMENSIONS OF 8800 MODEL WITH EXTENSION KIT FITTED

Extension kit indicated by shaded area. Shown with Godolphin (GD) model

WALL VALVES



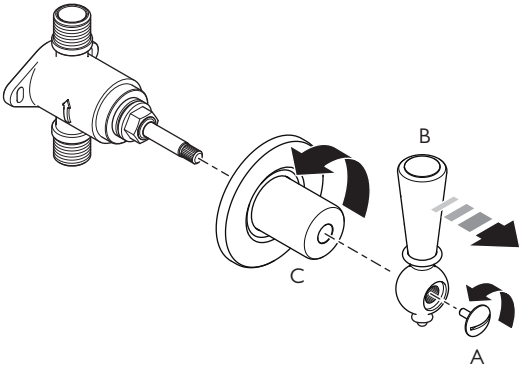
FLOW VALVES



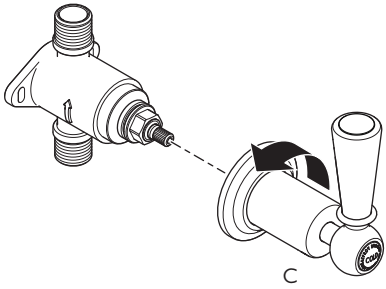
Not to scale

PREPARATION

Exploded view of standard concealed valve. Shown with White lever (WL) model.



Flow valve with BL, WL or MTL lever



Wall valve with BL, WL or MTL lever

BL, WL and MTL flow valve models only

1 Unscrew and remove the fulcrum screw 'A' in a counterclockwise direction.

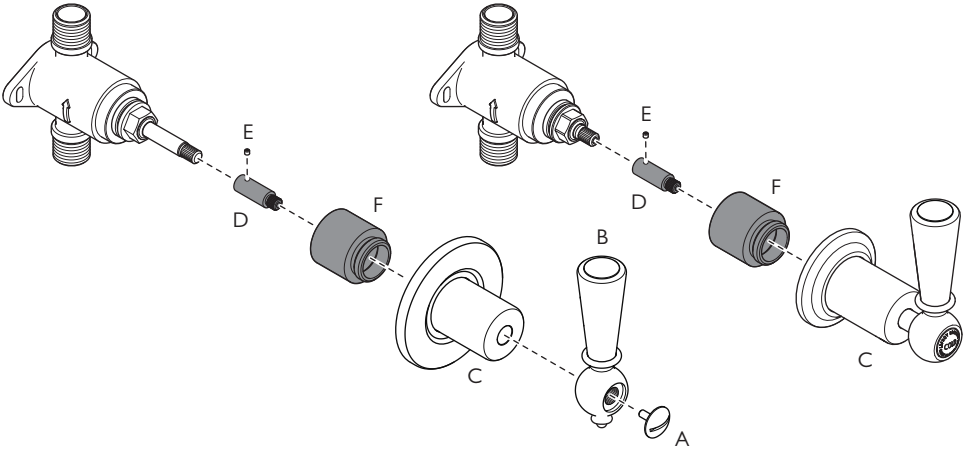
2 Pull the lever 'B' clear of the valve body.

All models

3 Unscrew and remove the shroud 'C' in a counterclockwise direction. Wearing a rubber glove such as those used for washing up will improve grip. On wall valves the shroud forms part of the lever/handwheel assembly. The wall plate will remain attached to the shroud.

INSTALLATION OF EXTENSION KIT

Exploded view of extended concealed valve. Shown with White lever (WL) model.



Flow valve with BL, WL or MTL lever

Wall valve with BL, WL or MTL lever

Extension kit components are shaded.

All models

1 Locate the spindle extension ‘D’ to the flow cartridge and secure with set screw ‘E’ and a 1.5mm hexagonal key.

2 Screw the extension covers ‘F’ clockwise into the shroud ‘C’. Screw this assembly on to the flow cartridge.

BL, WL and MTL flow valve models only

3 Locate lever ‘B’ on to the cartridge spline(s) (check position of lever movement).

4 Secure the lever with fulcrum screw(s) ‘A’.

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