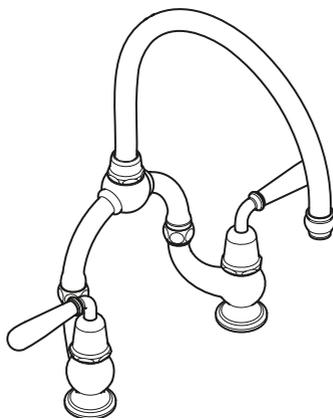
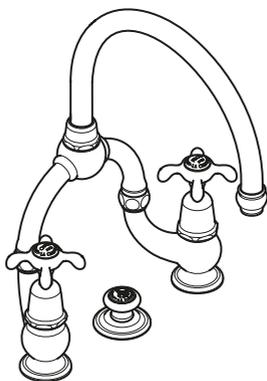


I530 / 9000  
DECK MOUNTED BRIDGE MIXER  
INSTALLATION GUIDE

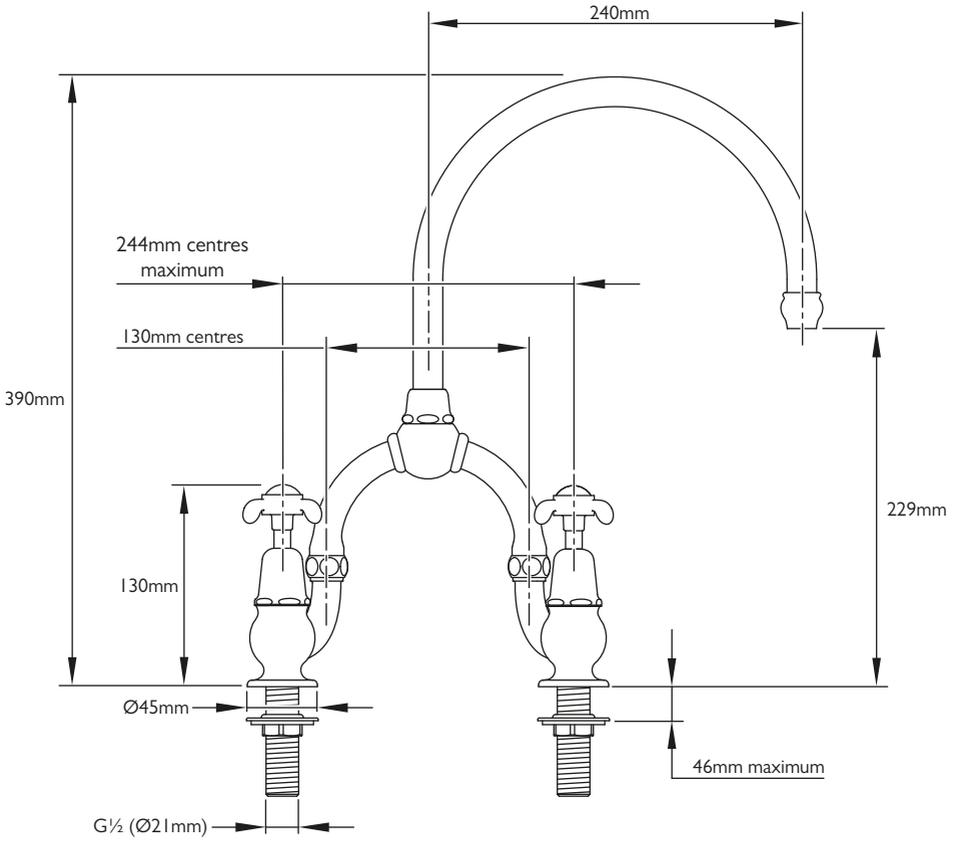
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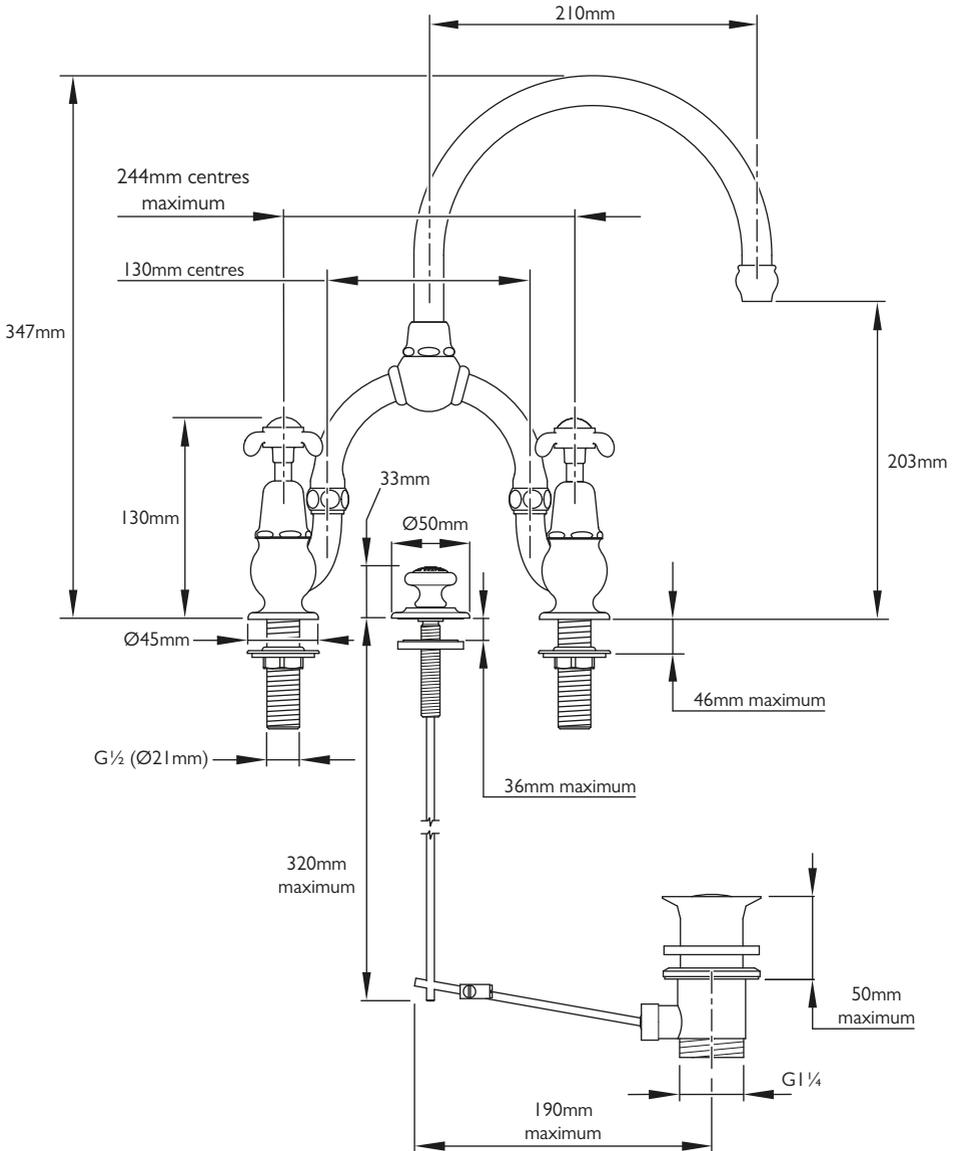
LEFROY BROOKS

# DIMENSIONS FOR 1530 MODEL



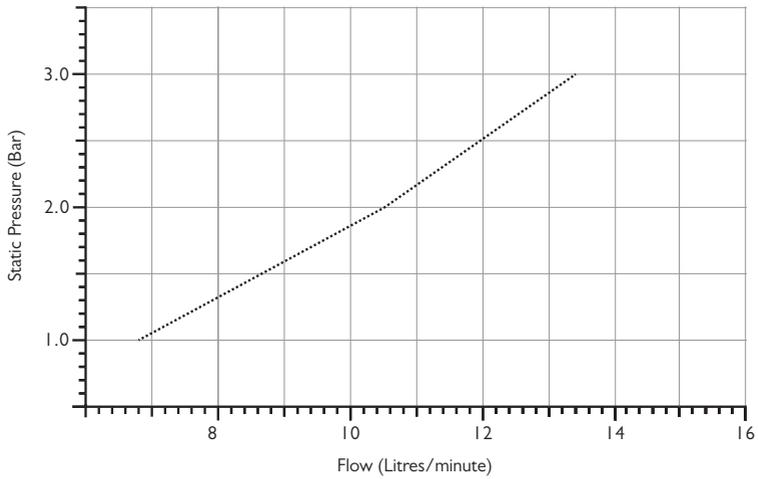
Not to scale

# DIMENSIONS FOR 9000 MODEL



Not to scale

## 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.

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## TRANSLATION

Chaud – Hot  
Froid – Cold

## 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 connections

The HOT water supply should be connected to the LEFT inlet and COLD to the RIGHT inlet as viewed from the front.

### Supply temperature safety notice

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

### Balancing flow

If there is a significant difference in water pressures between hot & cold supplies, we recommend an in-line flow suppressor/regulator (not supplied) be fitted. This should be fitted to whichever has the greater flow rate, in an accessible position close to the valve.

### 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 cartridges. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

### Flushing system

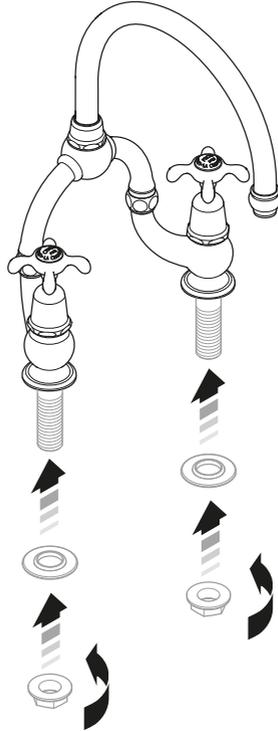
It is most important to flush out all pipework thoroughly before connecting the product. Failure to do so is the single most common cause of ceramic cartridge failure.

### Servicing

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

# INSTALLATION

The same procedure applies to 1530 & 9000 models.



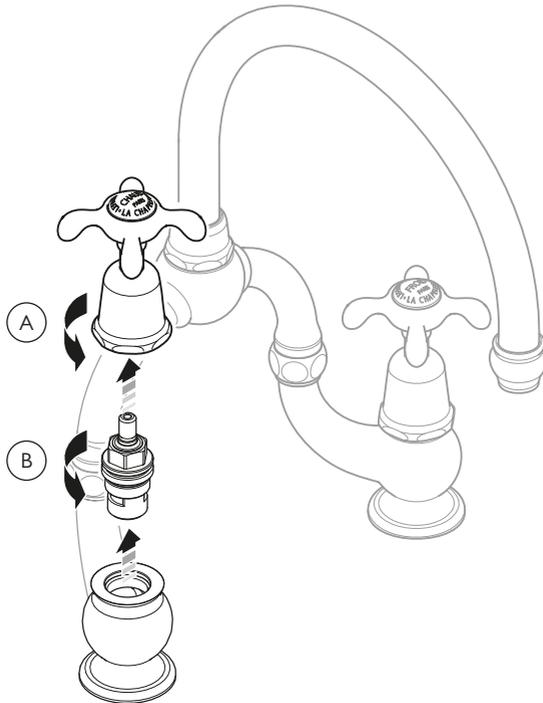
- 1 Where required, drill  $\text{Ø}23\text{--}25\text{mm}$  holes in the mounting surface.
- 2 The leg nuts immediately behind the cross handles/levers can be loosened to allow adjustment. We recommend the use of a nut protector or that the jaws of the spanner are wrapped in tape to prevent damage to the surface finish of the nuts.
- 3 Place the threaded tails of the bridge mixer through the holes in the mounting surface.
- 4 Locate the washers onto the threaded tails.
- 5 Screw the backnuts onto the threaded tails and tighten to secure the bridge mixer.
- 6 After flushing the pipework connect the hot and cold water supplies.
- 7 If loosened, tighten the leg nuts.
- 8 Pressure test the installation to ensure that all joints are tight and do not leak, especially where pipework will be concealed.

9000 models only:

For installation of waste, please refer to separate guide supplied.

## SERVICING – CARTRIDGE REPLACEMENT

The same procedure applies to 1530 & 9000 models.



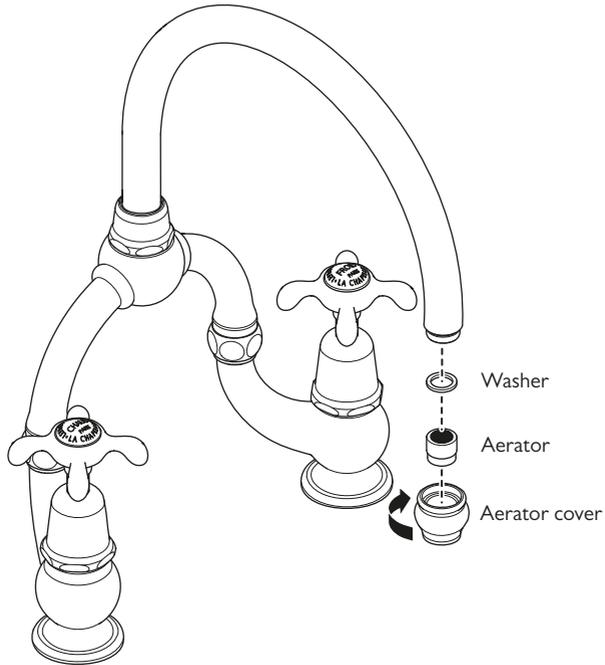
Before continuing please ensure that the water supplies have been isolated and drained where necessary.

1 To remove the ceramic cartridge(s), unscrew and remove the cross handle(s)/lever(s) assembly (A). We recommend this is done by hand as tools may damage the decorative surface. To aid grip we recommend wearing rubber gloves such as those used for washing up.

2 Unscrew and remove the ceramic cartridge(s) using a 17mm spanner (B).  
3 Assemble in the reverse order.

## SERVICING – CLEANING THE SPOUT AERATOR

The same procedure applies to 1530 & 9000 models.

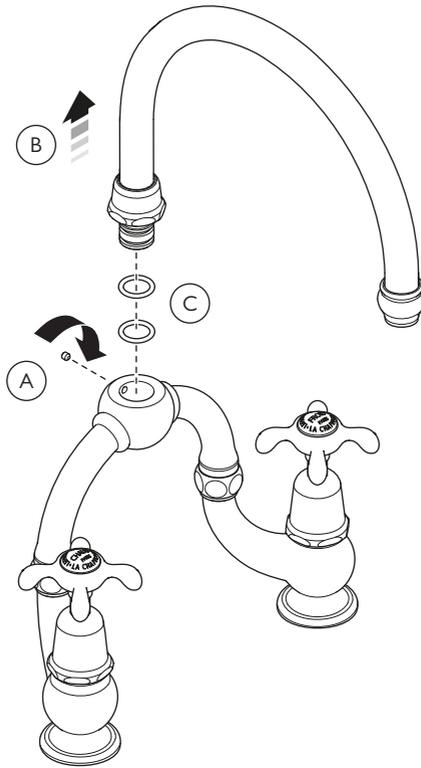


1 To remove the aerator at the end of the spout, unscrew and remove the aerator cover. To aid grip we recommend wearing rubber gloves such as those used for washing up.

2 The aerator can be cleaned in warm soapy water or replaced.  
3 Assemble in the reverse order.

## SERVICING – SPOUT ‘O’ RING REPLACEMENT

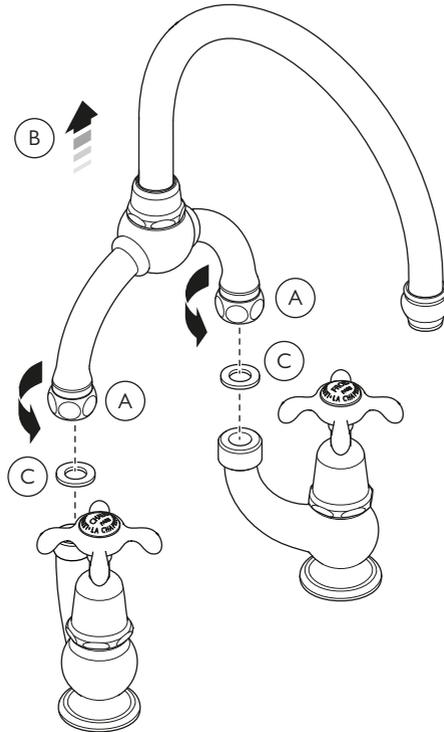
The same procedure applies to 1530 & 9000 models.



- 1 To remove the spout, unscrew and remove the set screw from the rear of the bridge mixer (A).
- 2 Lift the spout from the body (B).
- 3 Remove the ‘O’ rings and replace (C).
- 4 Assemble in reverse order.

## SERVICING – LEG WASHER REPLACEMENT

The same procedure applies to 1530 & 9000 models.



1 To remove the washers, unscrew and remove the spout (A). We recommend the use of a nut protector or that the jaws of the spanner are wrapped in tape to prevent damage to the surface finish of the nuts.

- 2 Lift the spout from the body (B).
- 3 Remove the washers and replace (C).
- 4 Assemble in reverse order.

## FAULT FINDING

The hot/cold valves are turned off but the spout drips continuously.

- Replace the ceramic cartridge(s). See below for spare part numbers.

Water is present or dripping from where the spout and bridge mixer attach.

- Replace the spout 'O' rings. See 'servicing – spout 'O' ring replacement' section.

Water flow from the spout is reduced.

- Debris from the water supply may be causing restriction at the aerator located in the end of the spout. The aerator can be removed for cleaning. See 'servicing – cleaning the spout aerator' section.

Water is present or dripping from the nut(s) on the bridge mixer legs.

- Replace the washer(s). See 'servicing – leg washer replacement' section.

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## REPLACEMENT PARTS

- PHL034 – Pair of ½" x ½ turn ceramic cartridges for cross handle models.  
(Both counter clockwise closing).
- PHL035 – Pair of ½" x ¼ turn ceramic cartridges for lever models.  
(One clockwise closing (left side) and one counter clockwise closing (right side)).
- PSH033 – Aerator assembly (housing, aerator & washer).
- 25 050 016 – Pair of fibre sealing washers.
- PSP040 – Pair of 'O' rings for spout.



CONTRACT ENQUIRIES

+44 (0)1992 708 316

[info@lefroybrooks.co.uk](mailto:info@lefroybrooks.co.uk)

CUSTOMER SERVICE, SPARES & TECHNICAL ENQUIRIES

+44 (0)1902 390 894

[technical@lefroybrooks.co.uk](mailto:technical@lefroybrooks.co.uk)

LEFROYBROOKS.CO.UK

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