

Oras Safira Basin Mixer

Installation and Maintenance Instructions

SAF606L-RB

SAF606L-YB



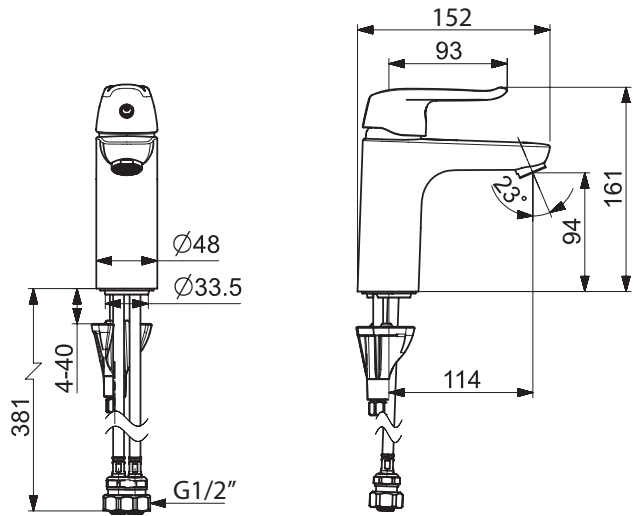
SAF606DL-RB

SAF606DL-YB

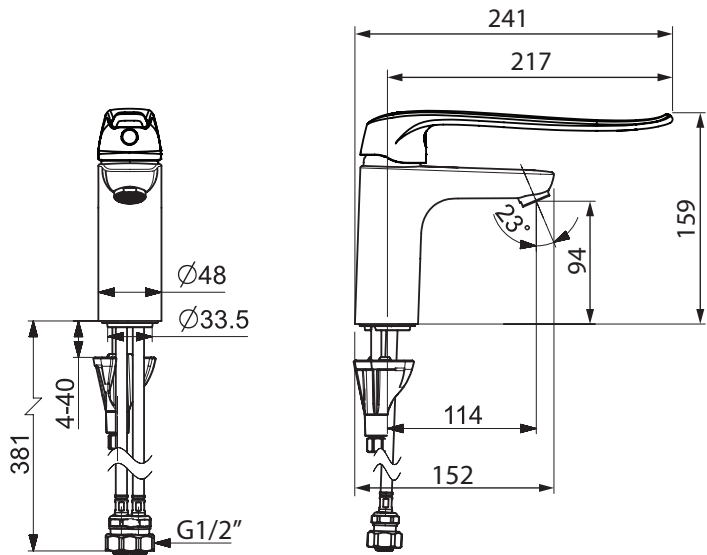


dimensions

SAF606L



SAF606DL



technical data

Inlet Connection	15mm (1/2" BSP)
Recommended Working Pressure Range	50 - 500 kPa Hot and cold water inlet pressures should be balanced
Static Inlet Pressure	50 - 1000 kPa Maximum 1600 kPa for testing purposes only
Flow Rate (Aerator supplied standard with a spout)	8.0 L/min (3 Star WELS) - Supplied in carton 5.5 L/min (5 Star WELS) - Installed 3.5 L/min (6 Star WELS) - Supplied in carton
Operating Temperature Range	0 - 80 °C
Basin / Sink Cut Out Size	34 - 37 mm diameter
Maximum Bench Thickness	40 mm

Enware products are to be installed in accordance with the Plumbing Code of Australia (PCA) and AS/NZS3500. Installations not complying with PCA and AS/NZS 3500 may void the product and performance warranty provisions.

Reference should also be made to the Australasian Health Facility Guidelines (AHFG), ABCB and Local Government regulations when considering the choice of, and the installation of these products.

This product is compliant with the Lead Free requirements of NCC Volume Three.

This product must be installed and commissioned by a qualified plumber.

For use with potable water only.

NOTE: Enware Australia advises:

1. Due to ongoing Research and Development, specifications may change without notice.
2. Component specifications may change on some export models.
3. Refer to warranty statement for warranty details - www.enware.com.au/warranty.



installation

- All supply lines must be flushed thoroughly to remove debris prior to the installation of this product, as per AS/NZS 3500.1. Strainers (40 mesh) are recommended if debris is an ongoing problem.
- A pressure reduction valve may be required to comply with the recommended maximum supply pressure and/or balanced pressure requirements.
- It is recommended that isolation valves are installed on both hot and cold supplies prior to the tap and that these are easily accessible.

1. Prepare a tap hole on bench or basin.
Tap hole can be between 34 – 37mm in diameter, maximum bench thickness is 40mm.

SEE IMAGE 01

2. Attach base washer, feeding the threaded bolt through the locating hole. **SEE IMAGE 02**
3. Feed hoses through the tap hole, and place tap in position. **SEE IMAGE 02**

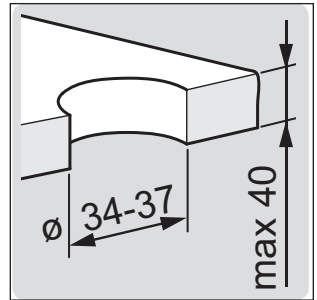


IMAGE 01

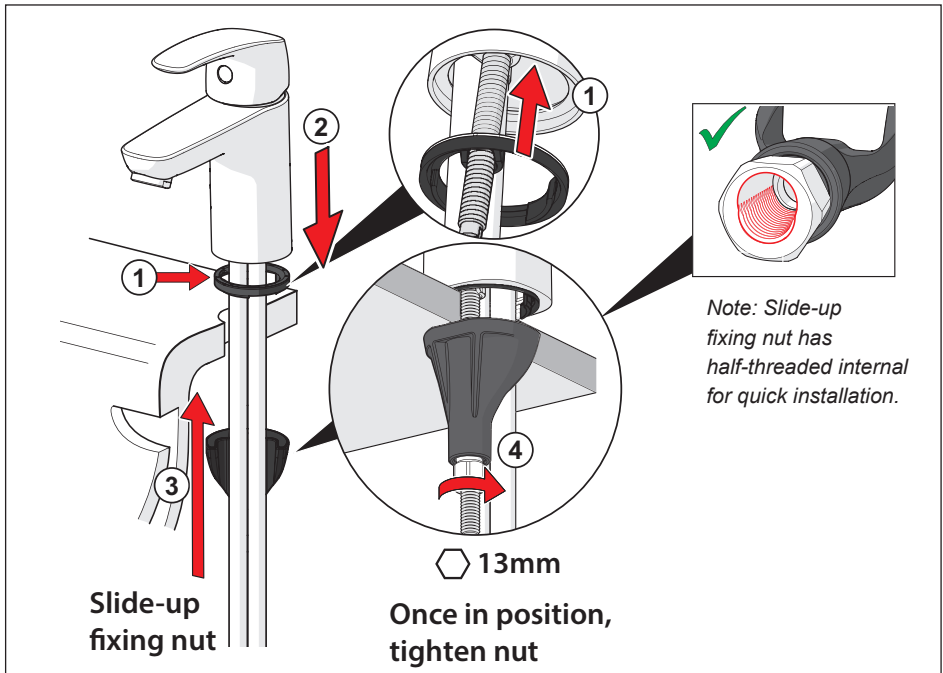


IMAGE 02

4. For basin / sink thickness less than 2mm (which may be the case for stainless steel sinks), fit the stabilising washer first.

SEE IMAGE 03

5. Fit fixing nut assembly onto the threaded bolt, and slide up fixing nut assembly.

The Slide-Up Fixing Nut assembly can be simply pushed up to position without the need to turn the nut. Once in position, the nut can be tightened as normal, using a 13mm socket wrench. **SEE IMAGE 02**

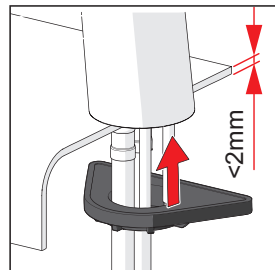


IMAGE 03

6. Connect flexible hoses to stop taps for hot and cold water supplies. Tighten nuts with a spanner while holding onto the hose crimp with pliers, and ensure that the hose is not kinked, bent, twisted, or stretched.

SEE IMAGE 04 & 05

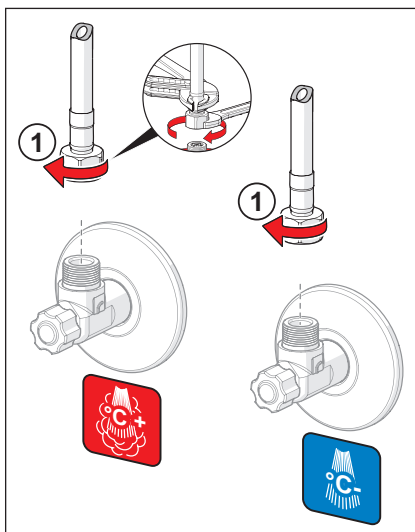


IMAGE 04

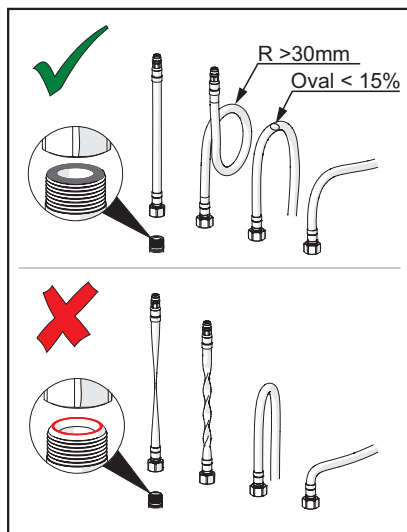


IMAGE 05

7. Turn on water supply and test connections for leaks.



operation

- To turn water on, lift handle up.
- To turn water off, lower handle down.
- Turn handle to the left for hot or warm water.
- Turn handle to the right for cold water.

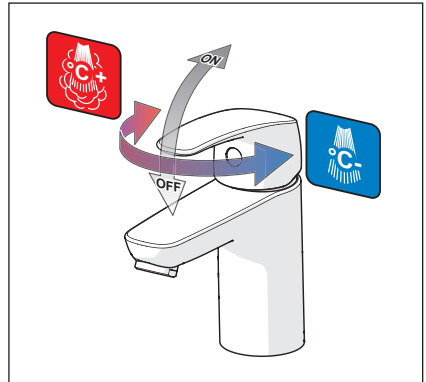


IMAGE 06

limiting the flow rate

The lever handle lift angle can be limited to reduce the maximum water flow. This can be done without shutting off water supply to the tap.

Take off the handle and chrome cover cap, then turn the screw located inside the spindle. To limit to a lower flow (i.e. smaller lift angle for the handle), tighten the screw clockwise until the screw protrudes past the spindle on the other side. The screw limits the travel of the lever handle. **SEE IMAGE 07**

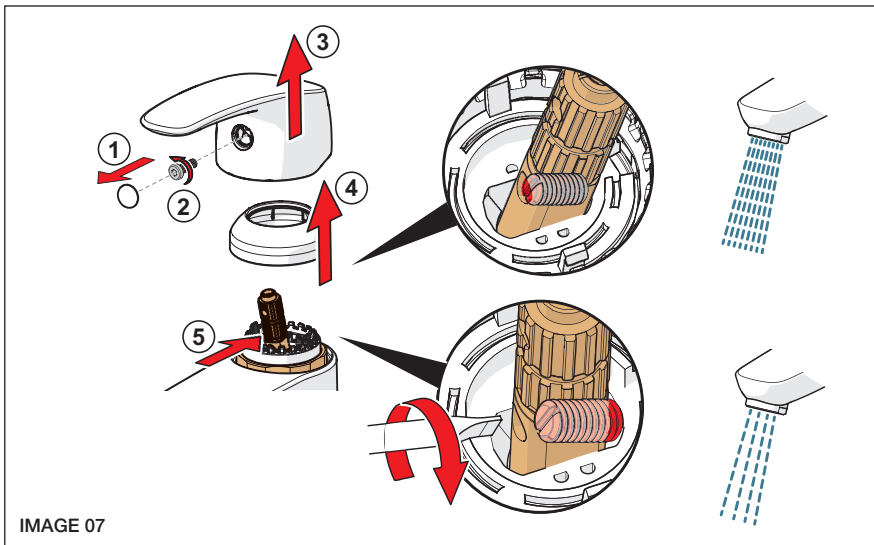


IMAGE 07

temperature limiter adjustment

The temperature of the hot water can be limited by restricting the swing angle of the lever handle. This can be done without shutting off water supply to the tap.

Detach the lever handle and cover cap. (1 – 4) **SEE IMAGE 08**

Detach the black retaining ring on cartridge with a screwdriver or long-nose pliers (5).

Pull out the regulating shaft with its white limiters (6). Adjust the position of the white limiters to the required angle. Moving the front limiter to the left will reduce the limit on the maximum hot water temperature.

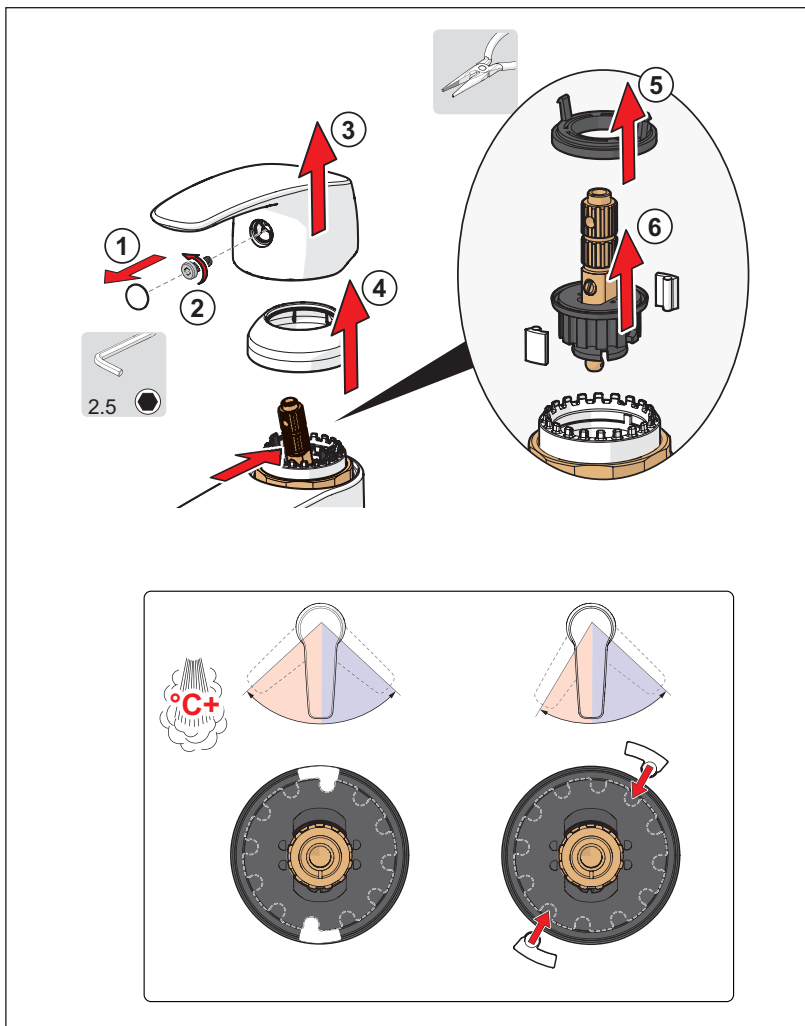


IMAGE 08

maintenance

CLEANING

Enware products should be cleaned with a soft damp cloth using only mild liquid detergent or soap and water. Do not use cleaning agents containing a corrosive acid, scouring agent or solvent chemicals. Do not use cream cleaners, as they are abrasive. Use of unsuitable cleaning agents may damage the surface. Any damage caused in this way will not be covered by warranty.

CLEAN AERATOR

Clean aerator periodically.
Unscrew the aerator, and rinse it under running water.

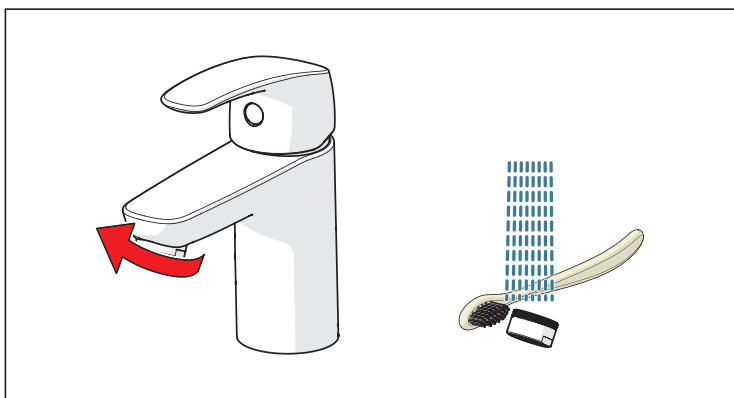


IMAGE 09

REPLACING CARTRIDGE

1. The cartridge is a non serviceable part. A new cartridge must be used if the existing cartridge is damaged.
2. Turn water supply off and turn mixer handle on to drain water.
3. Remove the mixer handle by firstly prying off the handle plug from the front of the handle. Use a slotted screwdriver to unscrew the handle locking screw and remove screw. **SEE IMAGE 10**
4. Pull the handle off the spindle.
5. Using a small slotted screwdriver, carefully lever the Cover Cap from under its inside edge and remove it from tap body.
6. Use Oras Cartridge Socket or suitable 38mm socket wrench on the flats of the cartridge fixing nut to unscrew and remove the fixing nut.
7. Pull up vertically on the stem of the cartridge until the seal is released. Remove the cartridge from the mixer body.
8. Inspect and replace as per the trouble-shooting guide and spare parts list.

REASSEMBLING

1. Align the locating lug on the cartridge to the locating hole in the tap body, and press the cartridge into position.
2. Screw cartridge fixing nut into mixer body and tighten using the cartridge key or 38mm socket wrench.
3. Fit chrome cover cap and handle components back on.

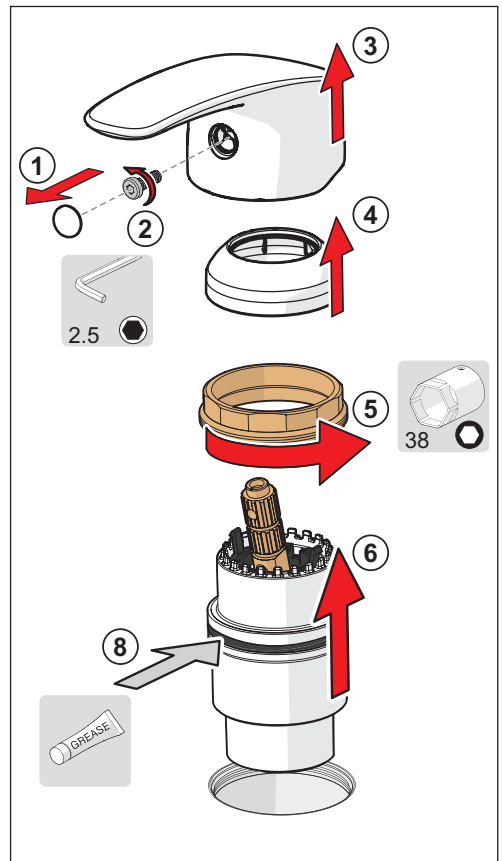
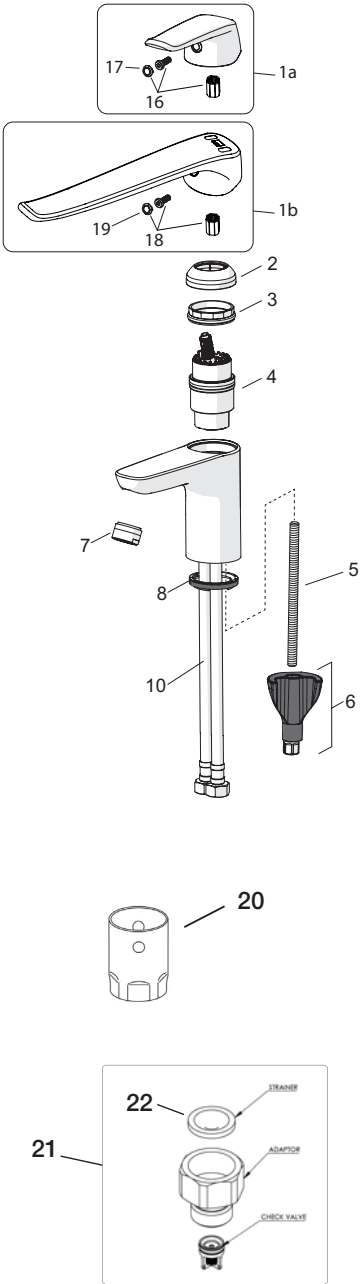


IMAGE 10

For specific problems such as a leaking tap refer to Troubleshooting on page 11 for instructions.

spare parts



DESCRIPTION		PART CODE
1a	Lever Handle - Safira (Red/Blue) with fixing screw and cap	SAF606HDL-RB
	Lever Handle - Safira (Yellow/Blue) with fixing screw and cap	SAF606HDL-YB
1b	Extended Lever - Safira (Red/Blue) with fixing screw and cap	SAF606HDLEX-RB
	Extended Lever - Safira (Yellow/Blue) with fixing screw and cap	SAF606HDLEX-YB
2	Cover Cap	SLMS600
3	Cartridge Fixing Nut	SLMS606
4	Oras Cartridge	SLMS690
5	Fixing Bolt	
6	Fixing Nut Assembly	SAFS601
7	Aerator only 8 L/min	MK059
	Aerator only 5.5 L/min	AMAS-023
	Aerator only 5 L/min - Laminar	MK5LF
	Aerator 8 L/min with Aerator Housing	SLMS620
8	Base Washer	
10	Flexible Hoses PEX (pair)	SLMS612
16	Safira Handle Fixing Kit for short handle	SLMS642
17	Handle Plug (each) for short handle	SLMS635
18	Safira Extended Lever Fixing Kit	SAFFIXPLUG
19	Extended Lever Handle Plug	SAFPLUG-1
20	Oras Cartridge Key	SLMS622
21	3/8" x 1/2" Adaptor with Check Valve & Strainer (Each)	SLMS611
22	1/2" Mesh Strainer Only (2 in pack)	SLMS629

troubleshooting

Refer to the following troubleshooting chart for specific problems and solutions.

PROBLEM	CAUSE	RECTIFICATION
Leaking from outlet.	Cartridge is damaged or split.	Check pressure and install a pressure reduction valve. Replace cartridge.
	Supply pressures too high.	Cartridge fixing nut has been over tightened. Replace cartridge.
	Incorrect installation.	
	Cartridge has debris caught in the mechanism.	Remove cartridge and inspect. Remove debris and/or replace cartridge if damaged. Install an inline strainer.
	Cartridge fixing nut is loose. Cartridge not fitted correctly.	Check cartridge orientation and bottom seal, and tighten cartridge fixing nut.
Water is leaking from top of mixer body.	Mixer body O-rings are worn. Cartridge seals are worn.	Replace cartridge.
Water is not flowing from tap.	Water turned off.	Turn water on.
	Aerator / Flow control or check valve is blocked by debris.	Remove aerator flow control from spout and clean debris. Install an inline strainer. Clean check valve.
Hot water flows when handle is turned anti-clockwise.	Hot and cold connections are incorrect.	Reconnect hot and cold supply correctly to mixer.
Flexible inlet hose connector does not unscrew.	Hose is turned in the wrong direction.	Reverse thread onto mixer body. To unscrew, turn the hose connector clockwise.



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