

GUARANTEE TO THE CONSUMER

Congratulations on purchasing a GREENS TAPWARE product. With proper care and attention your new tapware will last many years. For your protection please read the following information carefully.

GREENS TAPWARE WARRANTY

Greens Global Limited products are suitable for most plumbing installations; however, it is the customer's responsibility to investigate suitability for each application.

Where Greens tapware and showers are purchased for use in domestic residential installations, the purchaser or end user may have recourse or remedy under any relevant consumer protection legislation.

In addition, Greens undertakes to either repair or replace (at Greens discretion) the Tapware or shower fitting, if it is discovered that such Tapware or shower contains a material defect which arose in the course of manufacture.

10 Year Warranty: Full parts and labour charges for ONE year, then cartridge part only for an additional NINE years.

Commercial installations of all ranges: This applies to hotels, motels, rest homes, hospitals, offices, commercial kitchens and all other commercial installations. For such installations, a **1 Year warranty** will apply, with taps and showers warranted to be free from defects in materials and workmanship for ONE year from date of purchase.

The Greens product warranty is applicable only on items purchased and installed in the country where the original purchase was made.

Proof of purchase details are required to claim under this warranty (invoice or receipt).

MAINTENANCE AND CARE

Chrome plated surfaces should be cleaned with a soft damp cloth using water with liquid detergent or soap, then wiped dry to avoid water spots. Do not use cleaning agents containing a corrosive acid or scouring agent, as well as cream cleaners (they are abrasive), as they may damage the surface which will void your warranty.

Matt Black surfaces need to be cleaned regularly with a soft damp cloth using water with liquid detergent or soap, then wiped dry to avoid water spots. Do not use cleaning agents containing a corrosive acid or scouring agent, as well as cream cleaners (they are abrasive), as they may damage the surface which will void your warranty.

What to do if you have a problem:

Should you require replacement parts or service for this product, please contact your local plumbing supplier. It will be necessary to quote the product and batch numbers on these instructions.

If for any reason it is impractical to do this, please contact Greens Global Ltd.



ASTRO & ASTRO NOIR FLOBOOST SHOWER MIXER

(for all pressure installations)

INSTALLATION INSTRUCTIONS and GUARANTEE

PRODUCT #

BATCH#

Please leave this form with the product once installed.

Attention Plumber:

To ensure the optimum performance and customer satisfaction please adhere to the following:

- Flush out all pipe work prior to installation.
- Installation to comply with Australian/New Zealand Water Standard AS/NZS 3500.1. **The maximum operating pressure within any building should not exceed 500kpa.** Pressure above 500kpa can cause damage from water hammer, reducing life of appliances taps and fittings and cause excessive noise in the plumbing system.
- **Pressure over 500kPa will require a limiting valve that must be installed.** Temperature performance on the FloBoost valve can be affected when over 500kpa.
- In-line filters must be installed on both hot and cold supply lines.

TECHNICAL DATA

Unequal pressure

- Minimum **hot** water pressure 10Kpa (flow)
- Minimum **cold** water pressure 200kPa (flow)
- Maximum Water pressure: 500kPa

Equal pressure

- Minimum water pressure 20kpa (flow)
- Maximum Water pressure: 500kPa

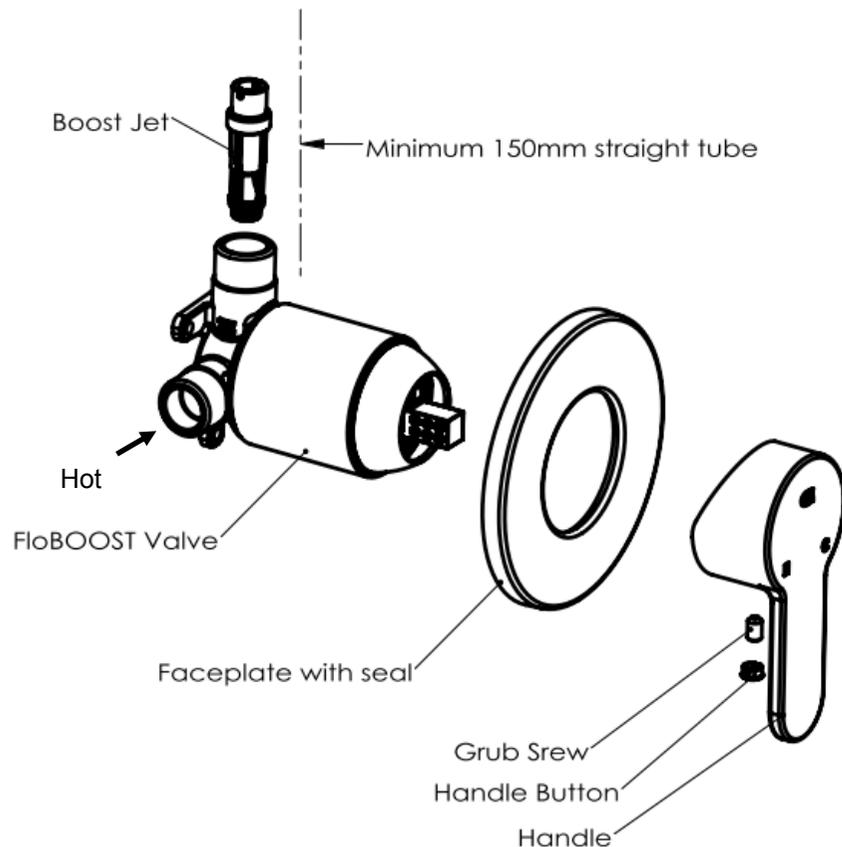
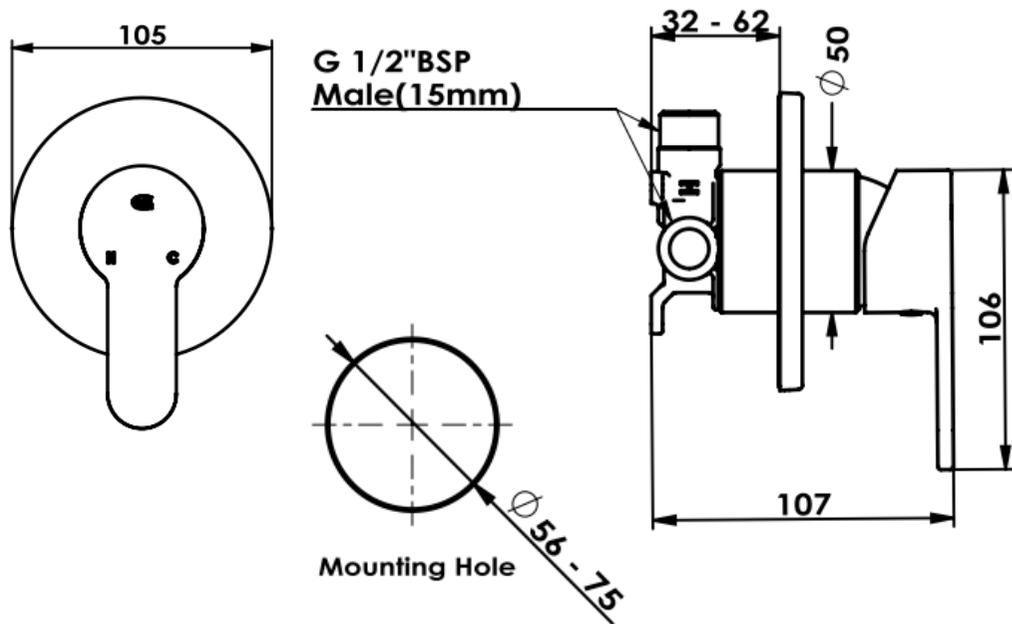
Operating Temperature

- Minimum hot water temperature 55°C
 - Maximum hot water temperature: 70°C
 - Minimum cold water temperature 5°C
- If the Water temperature exceeds 70°C an approved Tempering Valve must be fitted.

Failure to comply with the above will void all warranties.

Distributed by: Greens Global Limited

PO Box 5055, Hamilton, 3200
170 Maui Street, Pukete, Hamilton. 3242
Phone: 07 849 0109, Fax: 07 849 0540
Website: www.greenstapware.com
Email: nzsales@greenstapware.com
Service Hotline: 0800 655 455



ATTENTION INSTALLER

- Greens FloBOOST shower mixer is a Venturi mixer using the cold water pressure to maximise the hot water flow and is **set up for unequal pressure**.
- **Please check** if you have an unequal or equal pressure system. **If equal low pressure** the FloBOOST valve will perform best if can link a mains pressure cold feed to the cold inlet of the valve.
- **Pressure over 500kpa can effect the temperature and limiting valve must be fitted.**
- In-line filters must be installed on both the hot and cold supply lines.

INSTALLATION INSTRUCTIONS

1. Position the mixer against a mounting board within the maximum and minimum depth allowed and fix.
 - a. **32-62mm behind finished wall surface.**
 - b. **Hot (H) enters on the left and cold (C) enters on the right.**
 - c. **Outlet to the top.**
2. Connect water supply to the male hot & cold inlets and to the shower outlet.
 - a. Unequal Pressure
Install min 150mm of straight pipe from the mixer outlet.
Non copper pipe installations install **M&F socket to outlet.**
 - b. Equal pressure
Remove jet tube from the mixer outlet with a screw driver anticlockwise.

Turn on water supply to the mixer and check for leaks.

Do not pressure test with valve in the open position when outlet is closed.

3. Cut out an access hole in the wall lining for the mixer, 56-75mm as per drawing and fix lining in place.
4. To secure the faceplate to the wall, remove the protective tape from the seal and slide the faceplate over the mixer body and position against the wall lining.
 - a. Drain hole is at the bottom.
5. Fit the handle onto the cartridge lever and tighten the grub screw with the 2.5mm Allen key provided and fit button.