

## Install Hose And Roses:

1. Install hose and ensure sealing washers are in place.
  - a. Nut end to the diverter and tapered end to the hand set.
2. Install over head rose to rail and hand set to hose and ensure sealing washer is in place.
  - a. **NOTE: OVERHEAD - Restrictor MUST be fitted for mains pressure.**  
(Refer below).

## DIVERTER OPERATION

### LOW PRESSURE:

1. **Pull out diverter button and 1/4 turn clock-wise.**
  - a. This will hold the diverter out.
  - b. **Always turn the button clock-wise.**

### MAINS PRESSURE:

1. The diverter is spring loaded and requires the water pressure to stay engaged.
2. **Do not force the diverter back when the water is running** at overhead rose as this action may damage the diverter.
3. **Turn off mixer and will default to hand set.**

## MAINS PRESSURE & WELS

**NOTE:** For mains pressure the restrictor must be fitted to the overhead to give back pressure for spring loaded diverter to stay open.

### Hand Set:

To achieve the 3 star 9.0 l/m rating install the WELS restrictor washer between the **diverter outlet thread and hose.**



O ring inlet side

### Overhead Rose:

**INSTALL** the 9.0 l/m rating WELS 3 star restrictor under the black seal washer between arm and rose.



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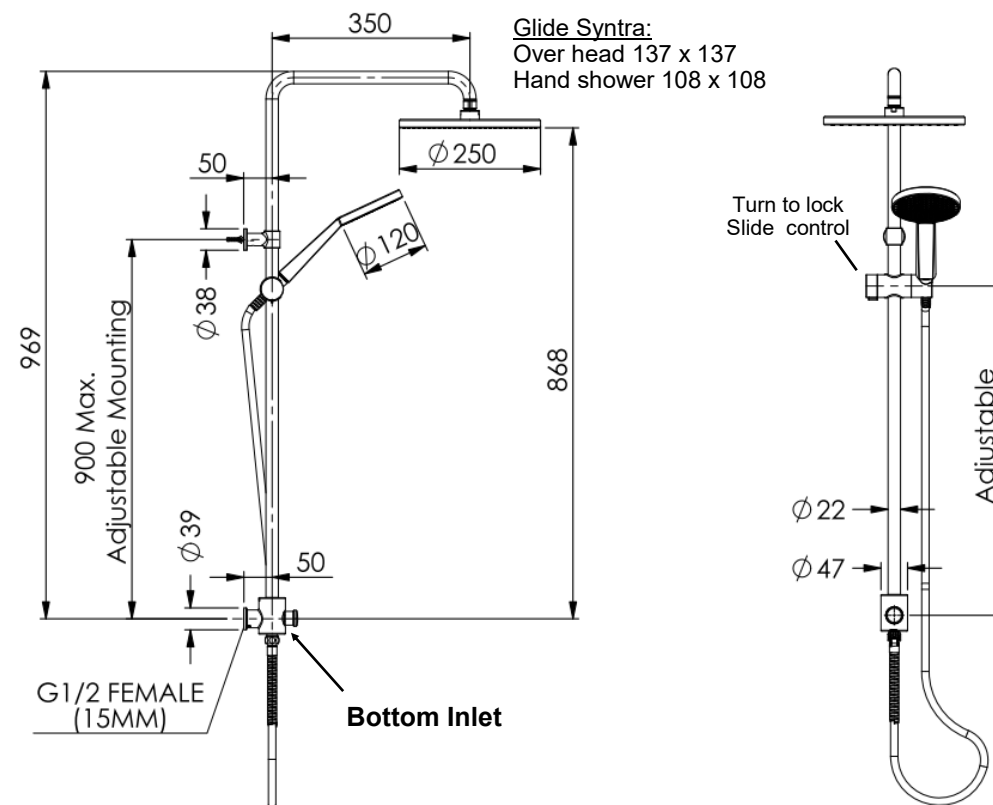
# RainBoost TWIN RAIL SHOWER

(All Pressure Installations)

## INSTALLATION INSTRUCTIONS

PRODUCT #

BATCH #



### Technical Data:

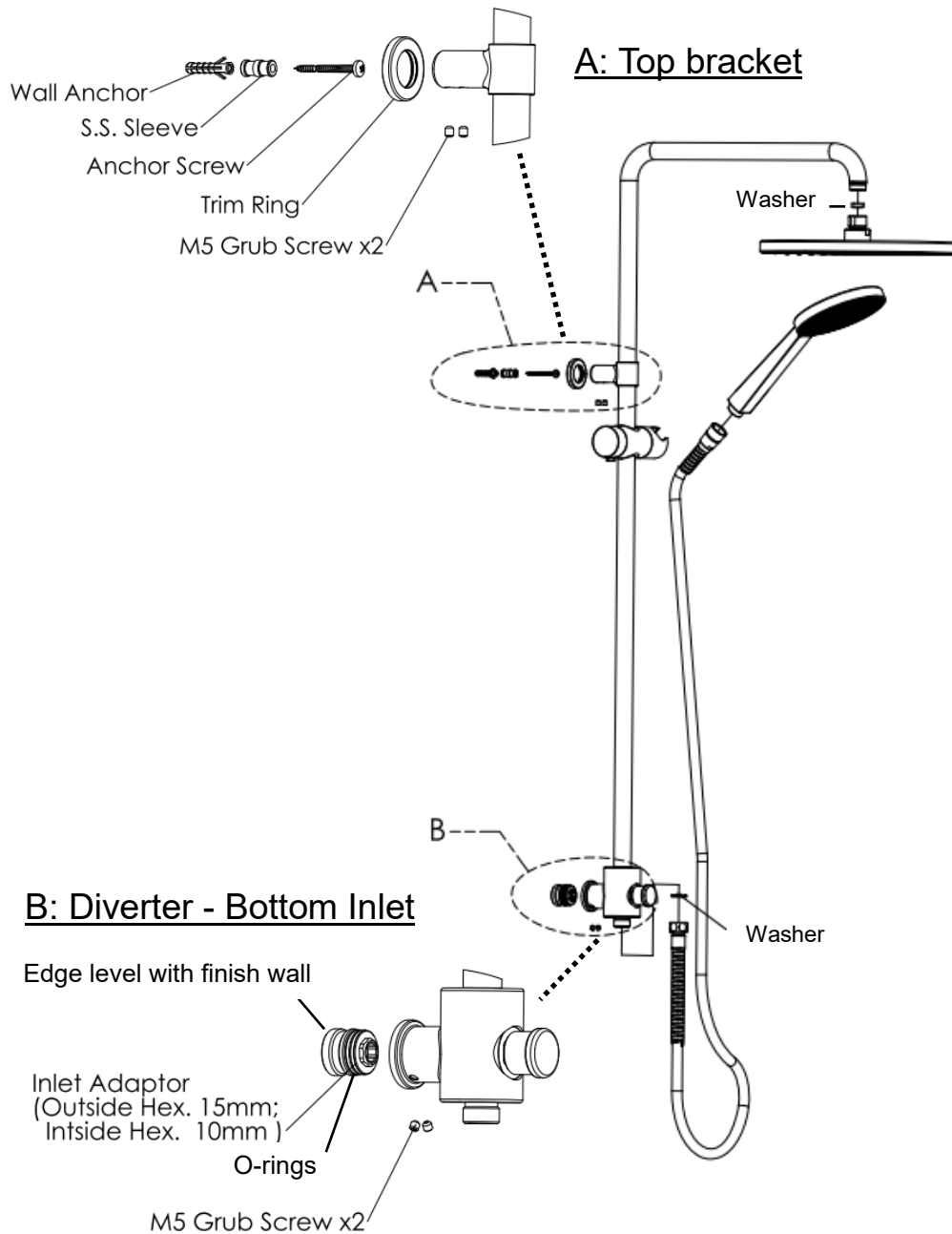
**Low Pressure: Recommend to be installed with a FloBOOST shower mixer.**  
**Unequal Low Pressure:**

- Minimum **hot** water pressure (Only with a FloBOOST). 10Kpa (flow pressure)
- Minimum **cold** water pressure (Only with a FloBOOST). 200kpa (flow pressure)
- Maximum cold water pressure. 500kpa

### Equal Pressure - Low & Mains:

- Minimum water pressure. 20kpa (flow Pressure)
- Maximum Water pressure. 500kpa

- Pressure over 500kpa will require a limiting valve.
- Installation shall be in accordance with the AS/NZS3500 series of standards.



### B: Diverter - Bottom Inlet

Edge level with finish wall

Inlet Adaptor  
(Outside Hex. 15mm;  
Inside Hex. 10mm )

O-rings

M5 Grub Screw x2

### A: Top bracket

Wall Anchor  
S.S. Sleeve  
Anchor Screw  
Trim Ring  
M5 Grub Screw x2

Washer

Washer

- **PLEASE CHECK** the shower mixer is a suitable match.
- **LOW PRESSURE:** Recommended installed with a **Greens FloBOOST** shower mixer.  
**Refer technical data** on front page.
- **MAINS PRESSURE:** The **restrictor must be fitted to the overhead** to give back pressure on spring loaded diverter. Refer back page.
- **Bottom inlet** at the diverter.
- **Diverter flange is 39mm dia.**
- **Top bracket mount is adjustable with max 900mm Centres.**

### Install The 15mm Female Inlet Adaptor:

1. Install a **brass 15mm male wingback elbow** (not supplied).
  - a. Remove the adaptor from the diverter.
    - i. **NOTE:** Loosen off the grub screws to ensure the O-rings are not cut on the adaptor.
  - b. Note: The female Adaptor requires **MAX 15mm thread from finished wall.**
  - c. Inlet is at the bottom of rail.
  - d. **CHECK:** Height required with customer as there is no height adjustment.
2. Cut the inlet thread to MAX 15mm from finished wall.
3. Install using a spanner or a 10mm Allen key.
  - a. **Back edge of the adaptor to be level with the finished wall as shown.**

### Install Mounting Sleeve For Top Bracket:

1. Mark out and install mounting sleeve inline with the inlet to ensure rail will be straight.
  - a. **Note: For adjusting the top bracket height,** a locking screw is inside bracket. To adjust use 5mm Allen key.
  - b. Wall anchor provided for masonry walls.

### Installing Rail:

1. Install diverter with rail to inlet adaptor.
  - a. Grease O-rings on the inlet adaptor.
  - b. **CHECK:** Grub screws are not projecting into the bore.
    - i. Loosen off to ensure they do not cut the O-rings on the adaptor.
  - c. Ensure the wall seal is in place on flange.
  - d. Additional sealant will be required for uneven surfaces for water seal.
2. Install top Bracket.
  - a. Back off grub screws enough for attaching to mount.
  - b. **Remove the protective tape** from seal on the trim ring.
  - c. Additional sealant will be required for uneven surfaces for water seal.
  - d. Install rail to the mounting sleeve and tighten the grub screws.
    - i. **To adjust top rail bracket height,** back off grub screw inside and tighten at height required using a 5mm Allen key.
  - e. **Carefully position trim ring** against finished wall
    - i. Note: The trim ring has an O-ring on the inside, when sliding trim over the grub screws are below the surface as not to cut the seal.