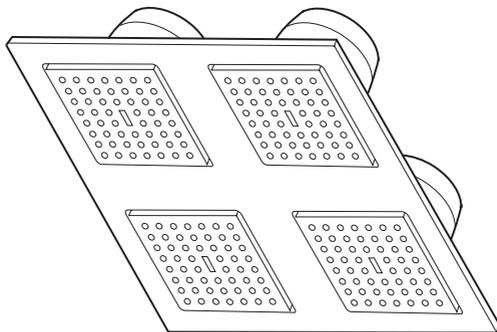


# KOHLER®



## Watertile Rainshower

# Installation and User Guide

### MODEL NUMBERS

8030A

**Important!** Please quote the above model number(s) when ordering spares

### IMPORTANT

**INSTALLER:** THIS MANUAL IS THE PROPERTY OF THE CUSTOMER AND MUST BE RETAINED WITH THE PRODUCT FOR MAINTENANCE AND OPERATIONAL PURPOSES.

# BEFORE YOU BEGIN

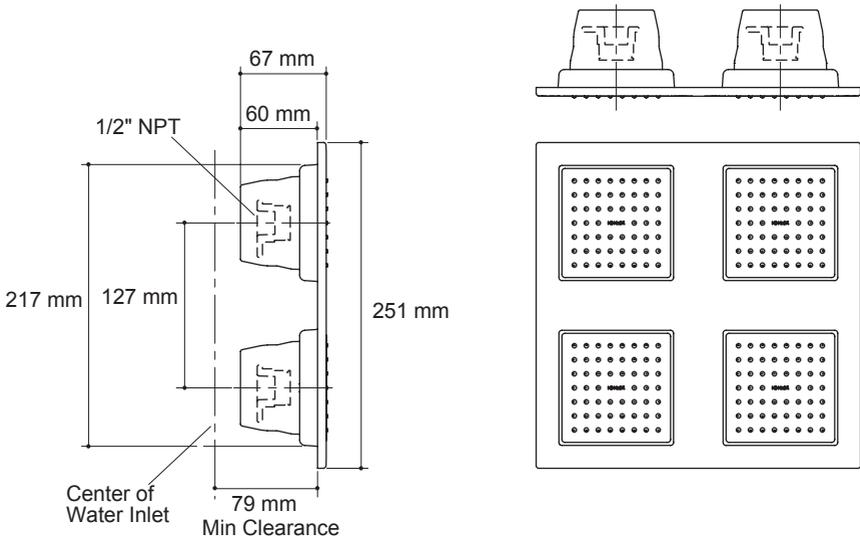
All information is based on the latest product information available at the time of publication. Kohler Co. reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.

Please leave these instructions for the consumer.

## NOTES:

1. Flush the water supply pipes thoroughly to remove any debris.
2. An in line water filter must be used with this product.
3. Inspect the supply pipes for damage. Replace as necessary.
4. Observe local plumbing codes.
5. The recommended working pressure for the shower head is 150KPa to 500KPa. If the pressure exceeds 500KPa a pressure reducer is required.
6. Maximum water and environmental temperature for the shower head is 60C. Note: If a heater is present, make sure to keep it away from the shower head as otherwise the environmental temperature may exceed 60C.
7. All installations should comply with the relevant requirements of AS/NZS 3500 and AS/NZS 6400.

# DIMENSIONS



# SPECIFICATION

## Pressures

The minimum recommended operating pressure is 1.5 bar.

For multiple outlets an operating pressure of 3.0 bar or greater is recommended to ensure optimum performance.

## Plumbing Connections

Mixed water from a valve must be connected to the inlet of a pressure balance loop.

## Building in Depth

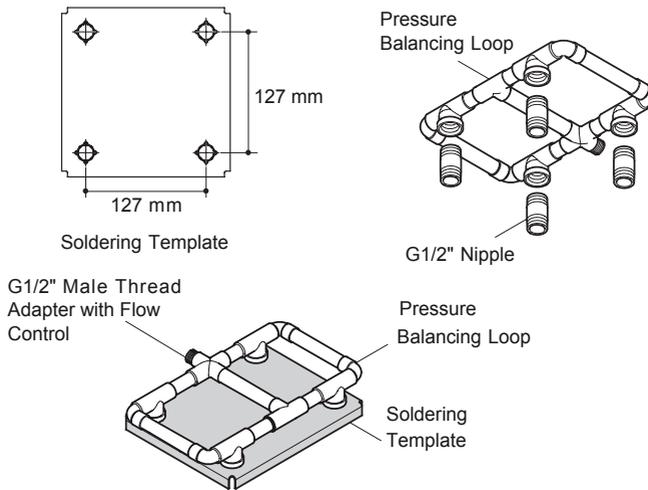
**Note!** Minimum building in depth is 79 mm. It is recommended that a minimum stud wall cavity of 100 mm is provided to ease installation.

# INSTALLATION

## Before you Begin

1. Turn off the water supply.
2. Make sure that the Watertile Rainshower is installed by a competent installer.
3. Before installation carefully inspect the new fixture for any signs of damage.
4. Kohler Co. reserves the right to make revisions in the design of products without notice.

## Install the Supply Pipework - Single Supply



1. Install the water supply pipes.
2. Use the soldering template to construct a pressure balancing loop, this will ensure correct alignment with the product.

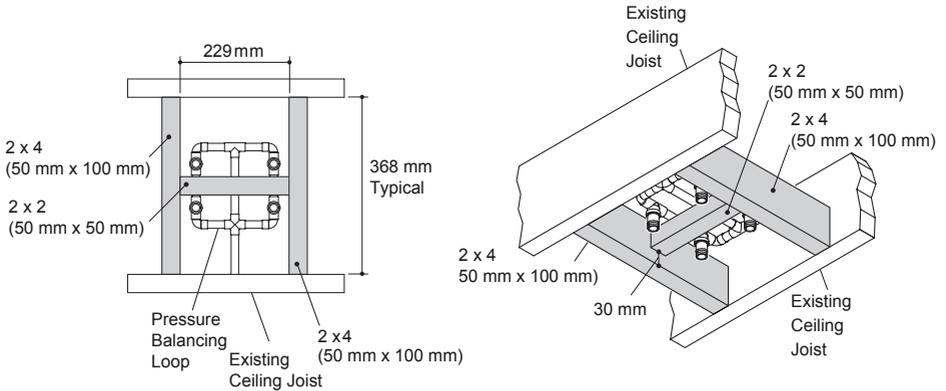
**Note!** The loop pack is made from stronger pipe to give the pipework rigidity. It is not standard copper pipe.

3. Assemble the pressure balancing loop with a tee positioned over each of the four raised locations on the soldering template.
4. If necessary, make each G $\frac{1}{2}$ " tee fit snug to the soldering template by slightly bending one tab on the template outward. Bend the same tab at each tee position.
5. Repeat with the same relative tab on the remaining three nipple locations.

**Note!** The face of the G $\frac{1}{2}$ " nipple must fit flush to the surface of the template.

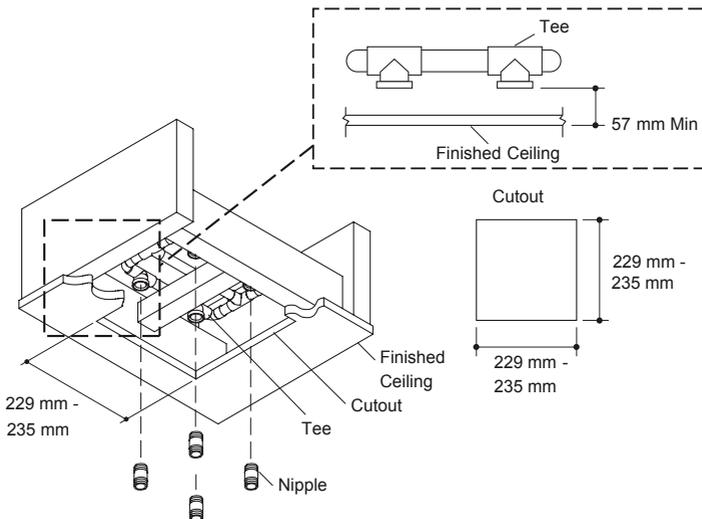
6. Solder the assembly whilst it is still attached to the soldering template.
7. Remove the pressure balancing loop from the soldering template.
8. After allowing the pressure balancing loop to cool, assemble the G  $\frac{1}{2}$ " male thread adapter with flow control to the loop.
9. Connect the pressure balancing loop to the water supply.
10. Temporarily install a nipple to each tee. Do not use any sealant.

## Install the Support Framework



1. Construct the support framework as shown in the above diagram. The 2 x 2 should be offset 30 mm from the edges of the 2 x 4's to support the pressure balancing assembly at the correct depth.
2. Install the support framework under the pressure balancing loop(s) as illustrated. The face of the 2x4's should be installed flush with the face of the existing ceiling joists.

## Install the Finished Ceiling

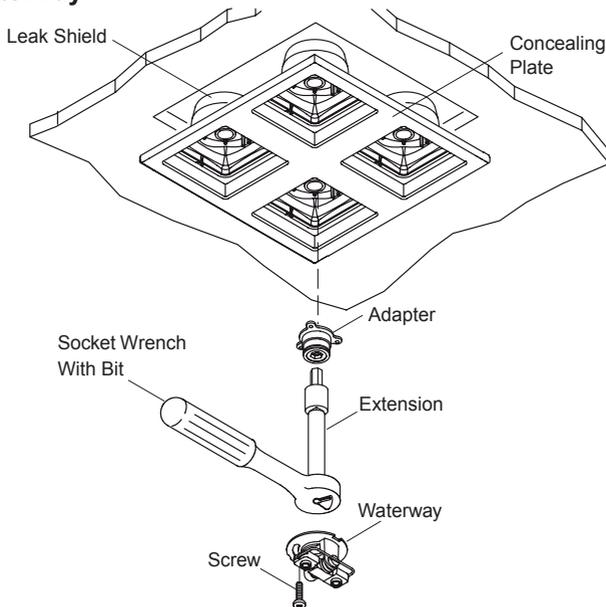


1. Install the water-resistant board.
2. Cut out a 229 mm to 235 mm square at the desired installation location.
3. Install the finished ceiling material.

## Install the Pipe Nipples

1. Remove the pipe nipples.  
**Note!** The minimum distance between the face of the tees/elbows and the surface of the finished ceiling should be 57 mm. The measurement for typical installations is 70 mm.
2. Measure the distance from the face of the tees/elbows to the surface of the finished ceiling. Make any adjustments as needed.
3. Install the nipples into the tee/elbows hand tight.
4. Measure the distance from the end of the nipples to the surface of the finished ceiling. Make sure that the distance is at least 38 mm and no more than 44 mm.
5. If necessary, cut the G $\frac{1}{2}$ " pipe nipples to length. Debur the ends.
6. Remove the nipples.
7. Apply thread sealant to the ends of the nipples and re-install the nipples to the tees/elbows.
8. Run water through the system to flush out any dirt or debris.

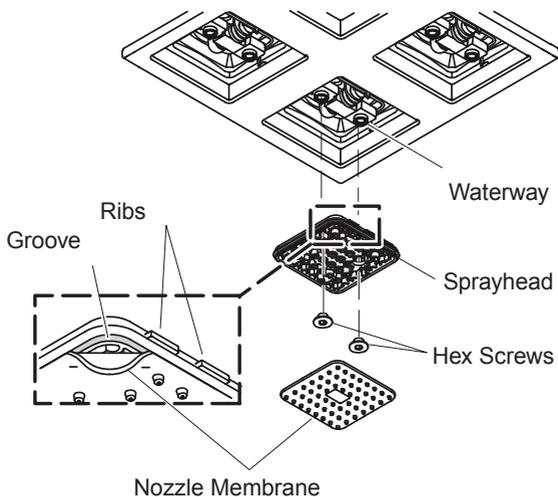
## Install the Waterway



1. Insert the concealing plate into the opening. The double ribs of the leak shields should be facing up.
2. If any of the leak shields make contact with an elbow, make sure that you enlarge the hole in the back of the leak shield to 32 mm.

3. Install the adapter onto one of the nipples using the 11 mm bit (supplied), 11 mm or 7/16" socket, the extension and the socket wrench.  
**Note!** Use masking tape to hold the bit in place, as the bit could fall off and cause damage.  
**Important!** The concealing plate should sit loosely at this point. If it is tight against the ceiling, use a longer pipe nipple.
4. Align the groove in the waterway with the double ribs on the leak shield.
5. Press the waterway into place over the adapter. Secure the waterway to the adapter with the screw.
6. Make sure that the concealing plate does not turn or move.  
**Important!** If the concealing plate is still loose after this step, then use a shorter pipe nipple.
7. Repeat the procedure for the remaining waterways.

### Install the Trim

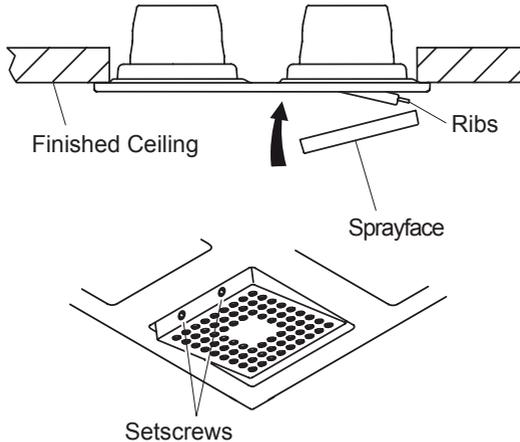


### Install the Sprayhead

1. With the ribs of the sprayhead facing upwards, attach the sprayhead to the waterway.
2. Using a 3/16" hexagonal wrench, install the hexagonal screws to secure the sprayhead in position. **Do not overtighten.**
3. Check the sprayhead for upward and downward movement and make sure that it sits squarely within the concealing plate.
4. Place the nozzle membrane over the sprayhead.
5. Align the long edge of the membrane with the hinge ribs (horizontal).  
**Note!** For optimum performance, make sure that the membrane is applied evenly.

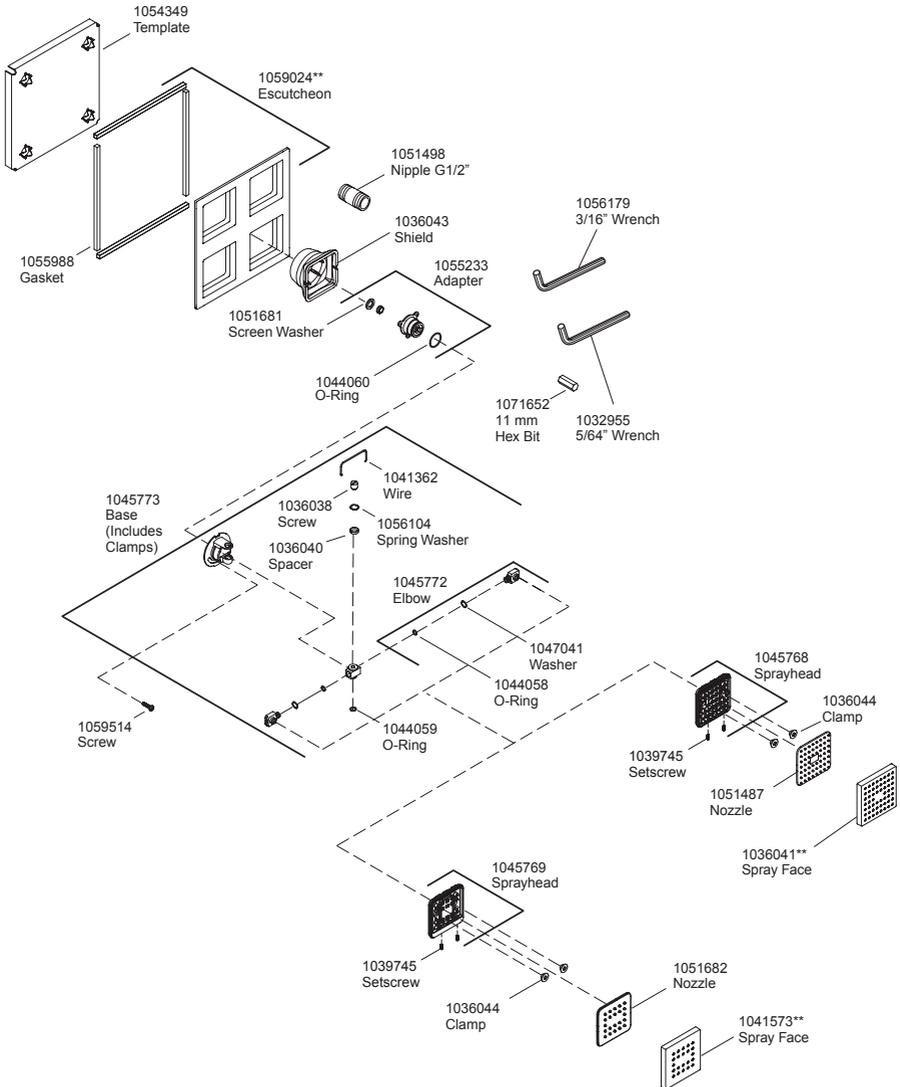
6. Applying pressure evenly, press the membrane seal into the sprayhead groove.

## Install the Sprayface



1. Tilt the sprayhead downward so that the ribs on the top of the sprayhead are exposed.  
**Note!** For product with brushed finishes, align the brush pattern of the sprayfaces with the direction of the brushed pattern of the concealing plate.
2. Insert the grooves of the sprayface over the ribs of the sprayhead.
3. Press the sprayface down to cover the sprayhead, as illustrated.
4. Using a 5/64" hexagonal wrench, turn the setscrews anti-clockwise until they are flush with the edge of the sprayface frame.  
**Important!** The setscrews must be flush with the edge of the sprayface frame. If the setscrews protrude outside the sprayface frame, product damage will occur.
5. Repeat for the remaining sprayfaces.

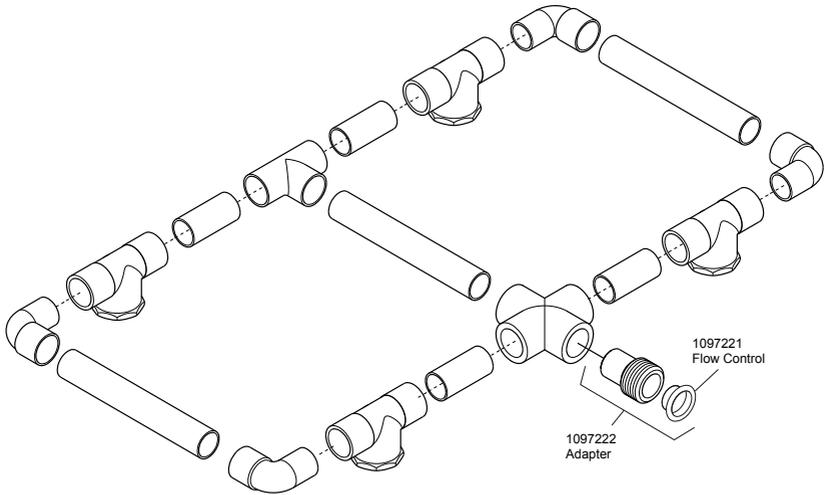
# SPARE PARTS



\*\*Finish/color code must be specified when ordering.

## 1080649

### Kit - Pressure Balance Loop



## CARE AND CLEANING

Like anything of lasting quality, Kohler tapware and fittings require a certain amount of periodic care to preserve their lustrous finish. Clean your new Kohler tapware and fittings with a mild soap, rinse thoroughly with warm water and dry with a clean, soft cloth. The ideal cleaning technique is to always blot dry any water from metal surfaces.

Allowing water to evaporate on metal will form water deposits. It is important to use a dabbing action to dry metal, not an abrasive or rubbing action.

Never use cleaners containing abrasive cleansers, ammonia, bleach, acids, or chemicals that can damage the finish. By taking the time to dry your tapware often, soap and water deposits can be prevented.

Failure to comply with these cleaning instructions may void Kohler's warranty obligations.