

# Installation Manual

## Introduction

The installer should be familiar with the construction of a traditional mortar bed shower, using a shower pan Liner and 3 piece shower drain (aka clamp down drain). The linear drain will essentially replace the strainer of the 3 piece shower drain, so the installation process will be almost identical. We have included some links below which we have found to be useful. An exploded view of a typical clamp down shower drain is shown above for reference. This type of drain is inexpensive and readily available in home improvement stores.

## Installation Overview

1. Determine the location of the Clamp Down drain, and connect the drain base to the waste outlet.
2. Create a sloped mortar layer towards the clamp down drain base, and install the shower pan liner, securing it with the clamping ring.
3. Place the linear drain channel uncoupled into the clamp down drain. The drain barrel may be removed entirely, or used as an adapter for the linear drain when the strainer is removed. The linear drain is not coupled tightly to the clamp down drain. This method will create additional escape paths for the water, which will soak into the top mortar layer with regular use of your shower. (This is the same principle as the weep holes of the clamp down drain).
4. Build up the final mortar layer around the linear drain channel, and slope it towards the linear drain channel. Make sure to account for the finished tile height, which should be about 1/16" higher than the linear channel edge.



Model No.: MW-F2-02A(Tile insert)

### Length Range

◆200mm ◆300mm ◆400mm ◆500mm ◆600mm ◆700mm  
◆800mm ◆900mm◆1000mm ◆1100mm ◆1200mm◆1500mm  
◆1800mm◆2000mm ◆2400mm ◆other

Width: 70mm

Height: 70mm

Outlet size: Vertical OD=50mm

Flange width: 20mm

Siphon material: ABS

Flow capability: 60L/Min

Finishing: Matte for base and Brushed for grate

Adjustable height: 70 – 95mm(option for adjustable feet)

Easy to cleaning with remove siphon

## Accessories



SS filter



SS hook



Waterproofing  
Membrane



Adjustable feet



Instruction



Model No.: MW-I4-02A(Tile insert)

### Length Range

◆100mm ◆150mm ◆200mm  
◆250mm ◆other

Width: 100/113/150/200/250mm

Height: 65mm

Outlet size: OD Vertical 50mm

Flange width: Non

Siphon material: ABS/SS304

Flow capability: 60L/Min

Finishing: Matte for base and Brushed for grate

Adjustable height: Non

Easy to cleaning with remove siphon



SS filter



Waterproofing  
Membrane



SS hook



Instruction

Step 1  
Choose shower drain placement



Step 2  
Locate the inside edge of drain trough



Step 3  
Cut waste drain pipe to height



Step 4  
Pre-fit linear drain



Step 5  
Protect cut off waste pipe



Step 6  
Fill in the block-out area



Step 7  
Protect drain body and flange



Step 8  
Build the drain body support



Step 9  
Install and connect drain body



Step 10  
Level the drain



Step 11  
Establish Mortar bed grade height



Step 12  
Build a mortar perimeter guide



Step 13  
Complete mortar bed



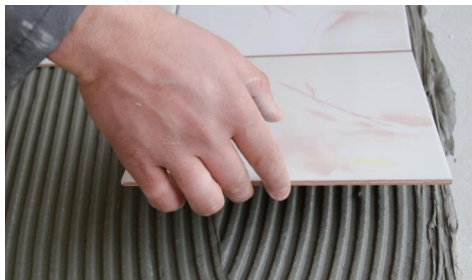
Step 14  
Install polyethylene waterproof membrane  
14.1 Apply thin-set to floor area



14.2 Apply sealant to drain flange  
14.3 Place&embed membrane



Step 15  
Install the tile



Step 16  
Grout the tile

