

# GRATE PYRAMID SEDIMENT CONTROL

INLET PROTECTION

## Installation Instructions

### Tools Required

Knife or razorblade  
Pliers  
Brush

### Material Required (All Included)

Pyramid Base Assembly  
Pyramid Frame with Hardware Kit (Kit is included with shipment and contains 4 locking pins)  
Pyramid Top Filter  
Two (2) J-Hook Assemblies (includes J-Hook, wing nut, washer, and top cap)

### General Notes

All pictures, illustrations, drawings, and instructions have been included to guide you through a typical installation. The approved engineering drawings should always take precedence over these instructions.

Prior to installation, use a brush to remove any debris, sediment, or trash from the top of the grate.

### Size Options & Recommended Usage

Pyramid Unit Size	Fits Grate Size Up To	ACF Item Code
30" x 42"	24" X 36"	PYMID2436
30" x 54"	24" X 48"	PYMID2448
36" x 36"	30" X 30"	PYMID3030
42" x 42"	36" X 36"	PYMID3636
54" x 54"	48" X 48"	PYMID4848

**Note:** At a minimum, the base of the Grate Pyramid unit should extend 3" past the grate in all dimensions. This sizing was created to eliminate any chances of the base becoming undermined by the force of water flow.

### Package Dimensions & Weights

ACF Item Code	Box Size (collapsed frame, top filter)	Box Size (Base)
PYMID2436	38" x 24" x 6"	32" x 44" x 2"
PYMID2448	38" x 24" x 6"	32" x 58" x 2"
PYMID3030	38" x 24" x 6"	38" x 38" x 2"
PYMID3636	38" x 24" x 6"	23" x 44" x 2"
PYMID4848	38" x 24" x 6"	32" x 58" x 2"

**Note:** Each unit purchased will arrive in two boxes, at the above mentioned sizes for each item code.

# GRATE PYRAMID INSTALLATION

## GratePyramid Materials Included



6020



4660



602064



6064

0004

## General Installation Notes:

All pictures, illustrations, drawings, and instructions have been included to guide you through a typical installation. The approved engineering drawings should always take precedence over these instructions.

Prior to installation, use a brush to remove any debris, sediment, or trash from the top of the grate.

### Step 1- Frame Assembly

Open the larger of the two boxes to retrieve the Grate Pyramid frame. Included is the frame, frame base, fabric filter, and the necessary hardware to put the frame together. As shown in Figure 2.1, take the frame, and adjust the legs so that they match up with the holes located in each corner of the base. Once in place, connect each leg by way of included pins through the holes. When each of the 4 pins is connected, the unit is assembled.



Close up of pin hole location.  
Figure 2.1

### Step 2- Base Installation

Center the base on the grate so that the base is 3" (minimum) larger than the grate. For the PYMID3636 & PYMID4848 units, the Pyramid base will be folded in half upon receipt. The only difference for these units is that you need to unfold them to their required dimensions.



### Step 3- Frame Installation

Place the frame onto the center of the base and align slots with openings in grate. Use knife or razorblade to cut a hole to insert the J-Hook. Connect J-Hook onto the bottom ledge of the grate, and thread through the slot in the frame. Use a washer and a wing nut to tighten the hook, and then screw the top cap onto the thread on the hook. Complete this action for both slots and hooks to completely connect frame to grate.



### Step 4- Filter Installation

Slide outer filter over the frame and connect bottom flap to Velcro shown on Pyramid base.



## Installation Complete