

# SAFL BAFFLE

PATENTS: US 8,715,507 B2 and US 8,663,466 B2  
CANADA 2742207

## Installation Manual



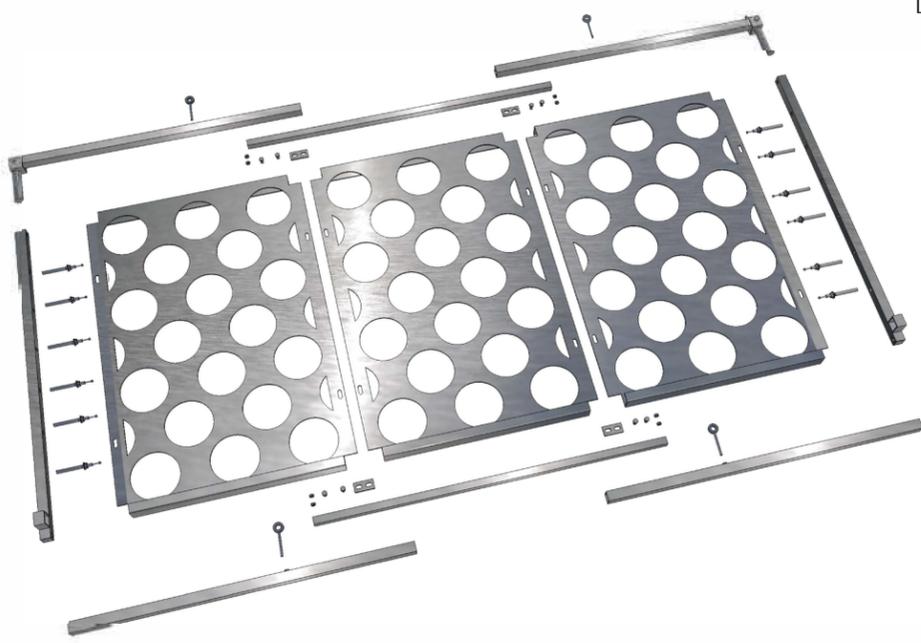
651.237.5123 | 8am - 5pm CST



550 County Road D West, Suite 1  
New Brighton, MN 55112



info@upstreamtechnologies.us



[2]



Box knife



Hammer drill



Measuring tape



3/8" (9.53 mm) drill bit



Adjustable wrench or pliers



Bubble level



Marker

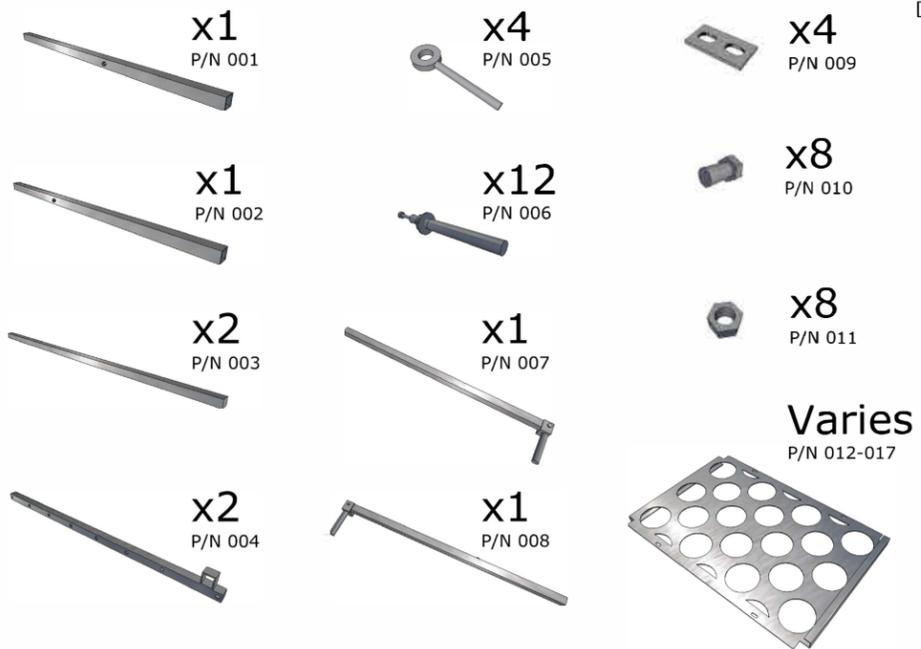


Ladder



Hammer

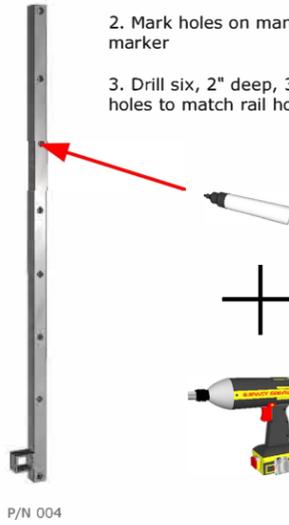
[1]



[3]

### STEP 1

1. Set height of first side rail (found in detail or plan set)
2. Mark holes on manhole with marker
3. Drill six, 2" deep, 3/8" diameter holes to match rail holes



P/N 004

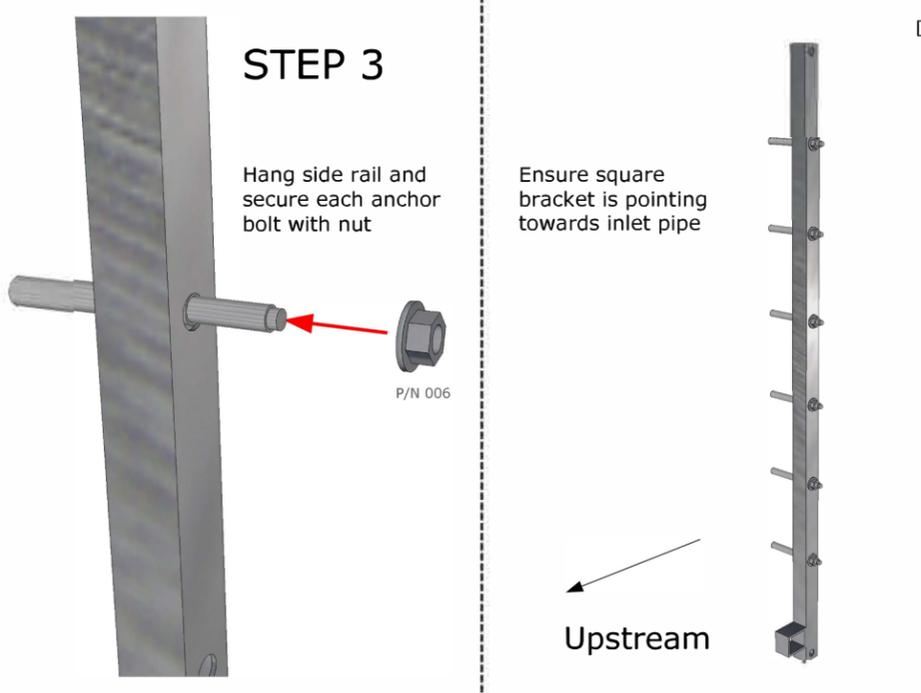
### STEP 2

1. Insert anchor bolt into drilled hole
2. Hammer anchor bolt pin until flush with the bolt threads
3. Repeat for remaining anchor bolts



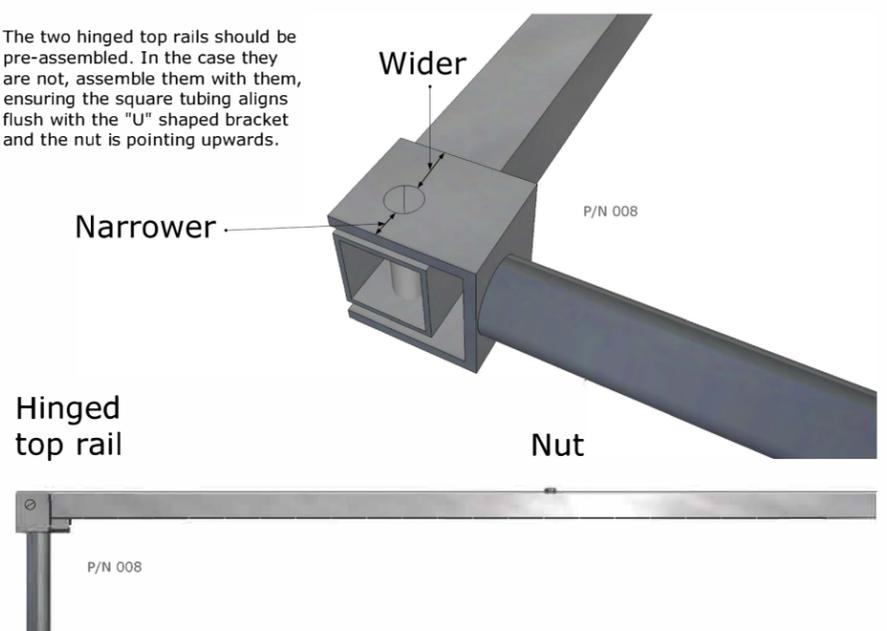
P/N 006

[4]



[5]

The two hinged top rails should be pre-assembled. In the case they are not, assemble them with them, ensuring the square tubing aligns flush with the "U" shaped bracket and the nut is pointing upwards.



[6]

## STEP 4

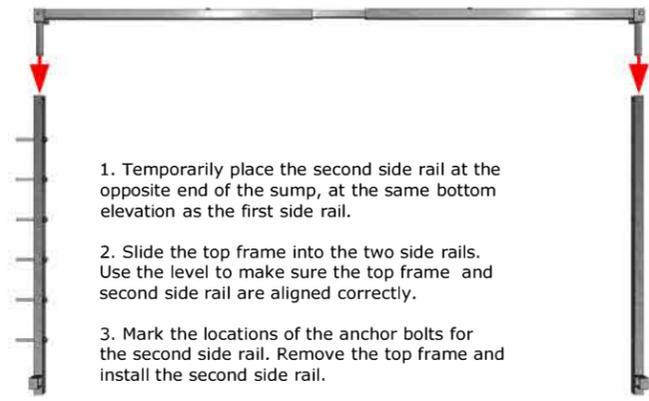
[7]

Slide one stainless steel square rod into one of the hinged top rails, and slide the other top rail into the opposite end of the stainless steel square rod. Ensure the two nuts of the top rails are pointing upwards.



## STEP 5

[8]



1. Temporarily place the second side rail at the opposite end of the sump, at the same bottom elevation as the first side rail.
2. Slide the top frame into the two side rails. Use the level to make sure the top frame and second side rail are aligned correctly.
3. Mark the locations of the anchor bolts for the second side rail. Remove the top frame and install the second side rail.

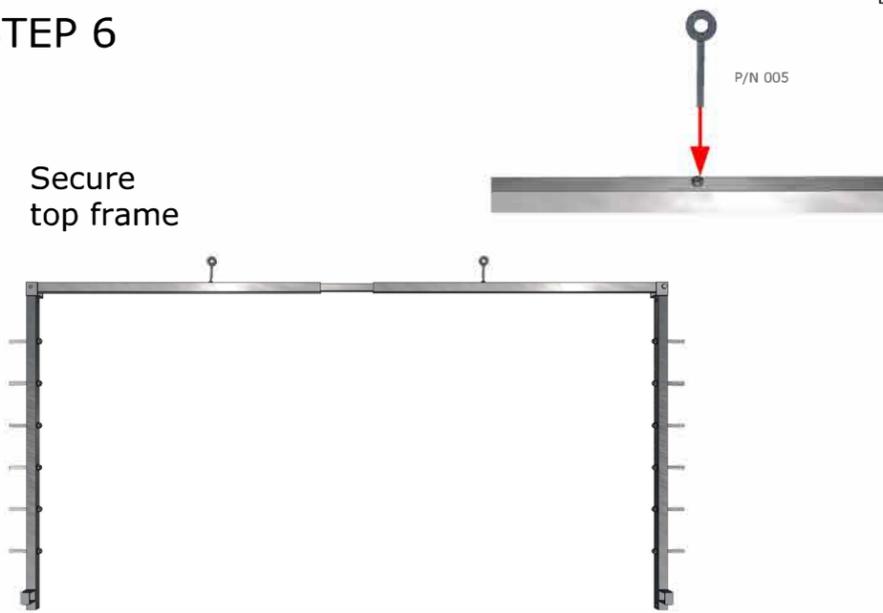
Mark Holes

P/N 004

## STEP 6

[9]

Secure top frame



## STEP 7

[10]

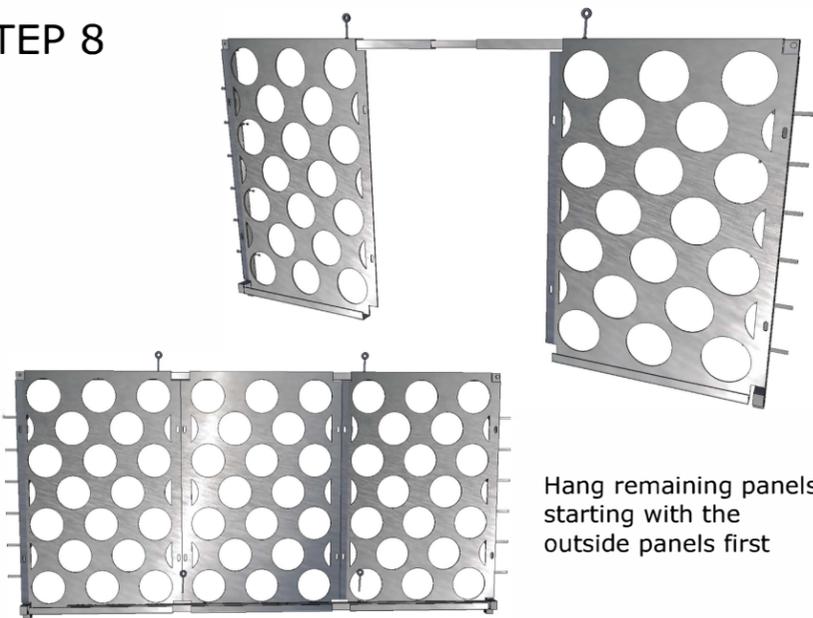


Hang panels on upstream side of frame



## STEP 8

[11]

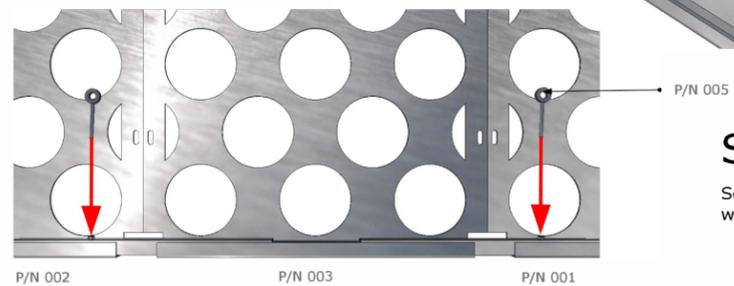


Hang remaining panels, starting with the outside panels first

## STEP 9

[12]

1. Assemble bottom frame by sliding the stainless steel square rod into the two bottom rails, ensuring the nuts are pointing upwards.
2. Slide the bottom frame into the square sleeves on each side rail.



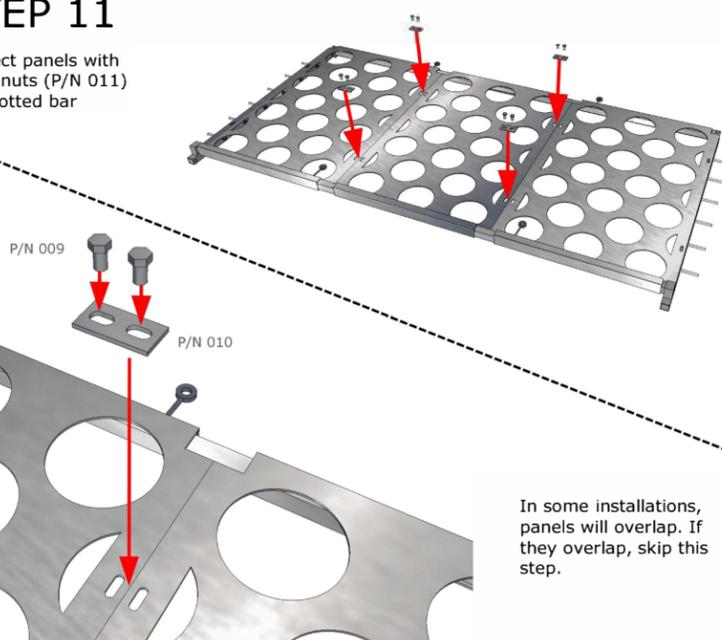
## STEP 10

Secure bottom frame with eye-bolts

## STEP 11

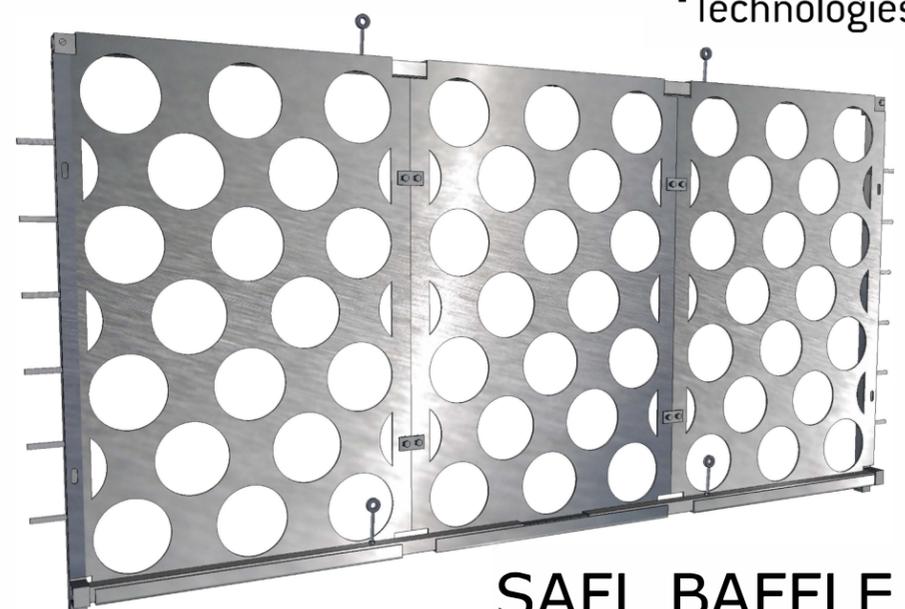
[13]

Connect panels with bolts, nuts (P/N 011) and slotted bar



In some installations, panels will overlap. If they overlap, skip this step.

Upstream Technologies



# SAFL BAFFLE

PATENTS: US 8,715,507 B2 and US 8,663,466 B2  
CANADA 2742207