

# FISH FRIENDLY FLOOD-GATE

DATA SHEET 2019  
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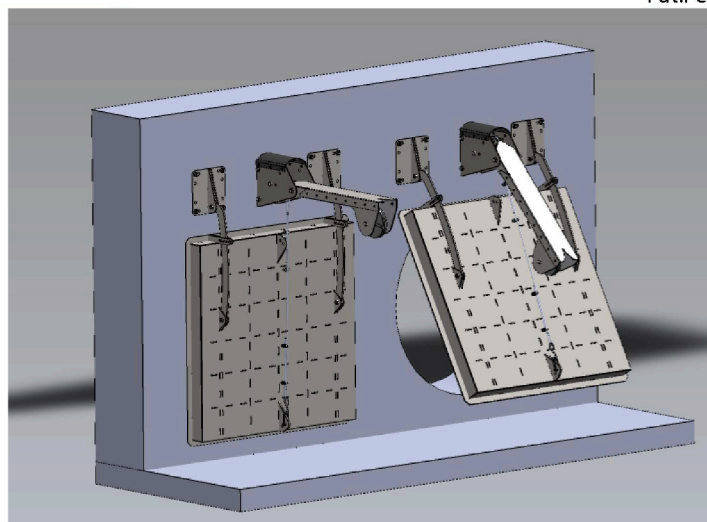
*ATS Environmental Fish-Friendly Flood-Gates improve fish passage and upstream water quality.*

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Pat.Pend.



*Regular duty.*



*Heavy duty.*

## Specifications

### FLAP GATE

#### Dimensions:

Made to order Rectangular, round or other

**Working head:** Regular or heavy-duty. (To suit) .

**Cable length** - Dependent on headwall height

**Material** - 316 stainless steel unless requested otherwise

**Regular duty:** 0>3meters head differential

**Heavy duty:** 3>7meters

### FISH FRIENDLY- CANTILEVER

#### Dimensions:

**Length:** 900 mm

**Width:** 180mm

**Leverage ratio:** 7:1

**Counterweight options:** 0<28.8kg

**Effective weight:** 0<201.6kg

*"Every day a little bit better"*

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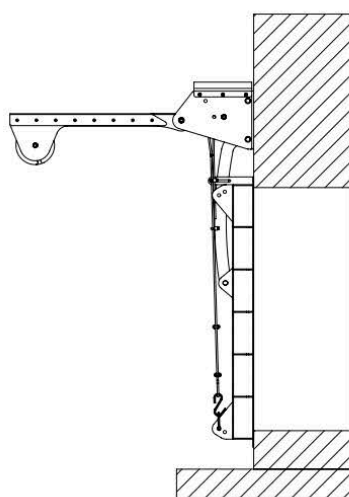
# FISH FRIENDLY FLOOD-GATE ATTACHMENT

DATA SHEET 2019  
PAGE 2

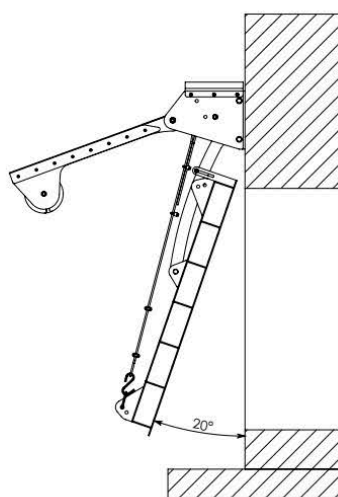
*ATS Environmental fish friendly flood-gates (FFG) attachments convert new or existing tide/flood gates to meet fish passage requirements*

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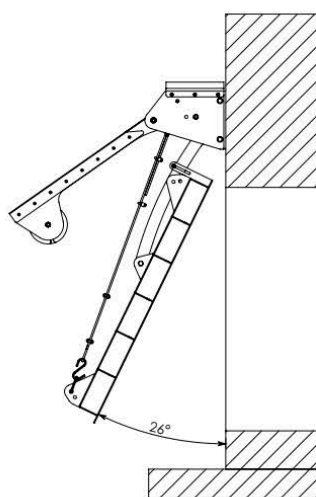
Pat.Pend.



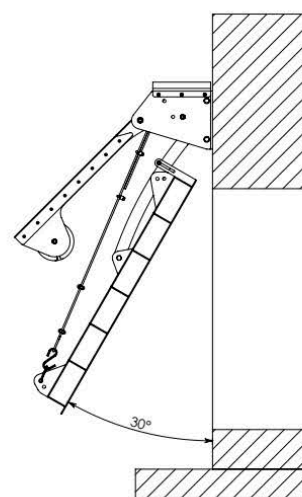
Flap Closed  
Scale 1 : 20



Flap 20° Open  
Scale 1 : 20



Flap 26° Open  
Scale 1 : 20



Flap Fully Open - 30°  
Scale 1 : 20

## Features

### Assist fish passage

- Delay closing

### Improve water quality

- Flushing

### Improve culvert capacity

- Reduced head-loss

### Manage groundwater levels & control aquatic weeds

- Flap open or disable delaying

- Fully automatic

- Adjustable closing time delay

- Adjustable aperture settings

- Scalable to suit different size culverts

- Quickly disabled if necessary

- Retrofit or new installations

- Supplied with or without flap

*"Every day a little bit better"*