LAKESIDE
FLOOD SOLUTIONS

LAKESIDE Compuerta Anti Inundaciones Hidrodinámica Automática

FICHA TÉCNICA

34 years of excellence
1988 -2022

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LFS Compuerta Anti Inundaciones Hidrodinámica Automática

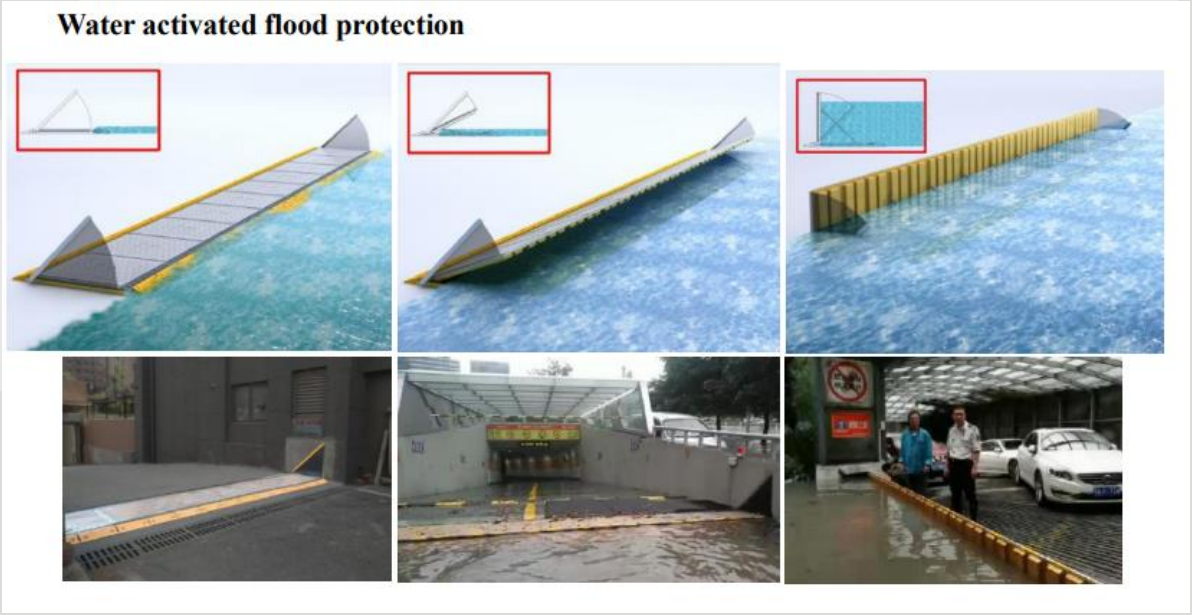
Un Sistema único de protección pasiva contra inundaciones

Especificación:

- Hydrodynamica, Automática, Self-Closing
- No manpower
- No necesita electricidad
- Mantenimiento simple
- Vida útil 15+ años
- Certificada hasta 250KN de presión
- ISO Certified

Producto Único:

- Compuesta por: bottom frame a nivel del suelo, una lama giratoria de protección contra inundaciones y un rubber soft water-stop plate a cada lado.
- En el evento de una inundación, el agua se acumula en la lama de protección, haciendo que esta se vaya elevando a medida que el agua se acumula, hasta que se activa completamente cuando llega a 3/5 partes de la altura de proteccion.
- Disponible en tres modelos de altura: 60cm, 90cm y 120cm.
- Cuando el sistema se activa, una luz de aviso se enciende para indicar que la barrera está subiendo.
- Este sistema se puede activar manualmente frente a un aviso de inundaciones.



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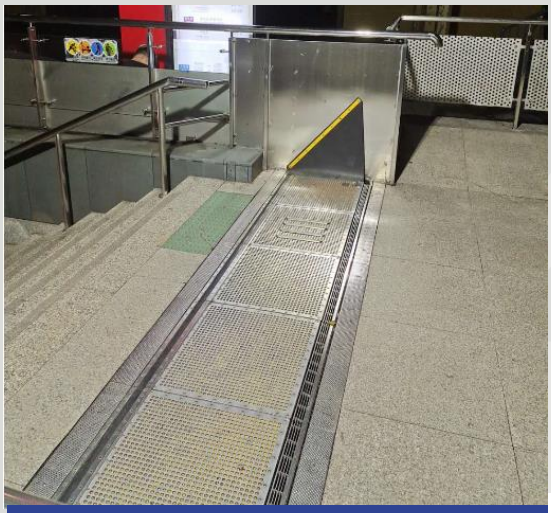
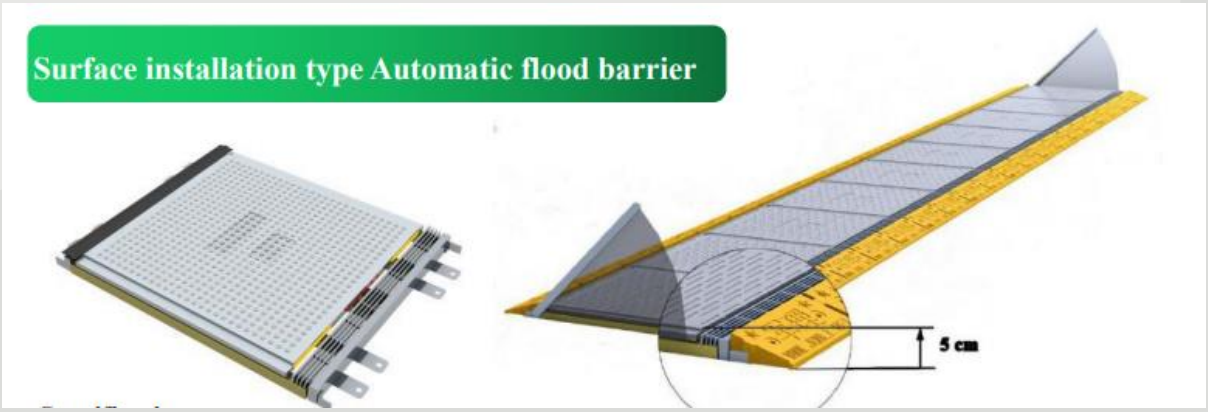
Dos Tipos – Encastada (Embedded) & Sobresaliendo (Surface Mounted)



EMBEDDED

SURFACE MOUNTED



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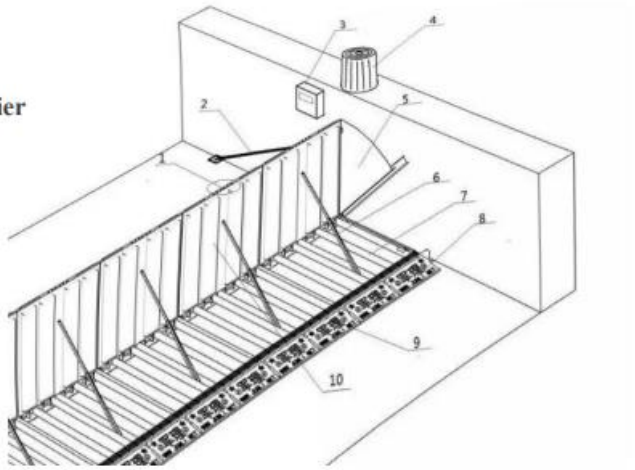
Instalación

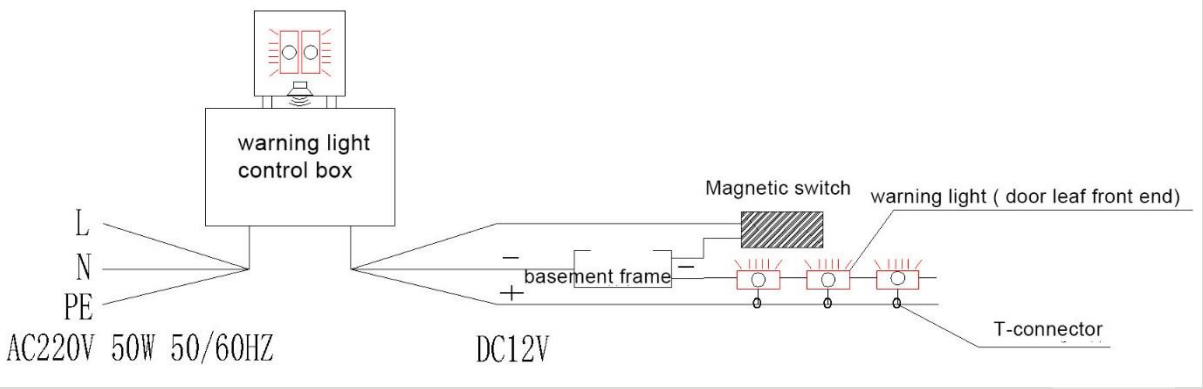
Product Installation

Main structure of the Automatic flood barrier

1. Alarming light ;
2. back support ;
3. control box ;
4. alarming light ;
5. side sealed rubber retaining board ;
6. pull rod ;
7. stainless steel base ;
8. assistant support slope ;
9 stainless steel water inlet grille ;
10. floating board



Optional – Luz de Aviso



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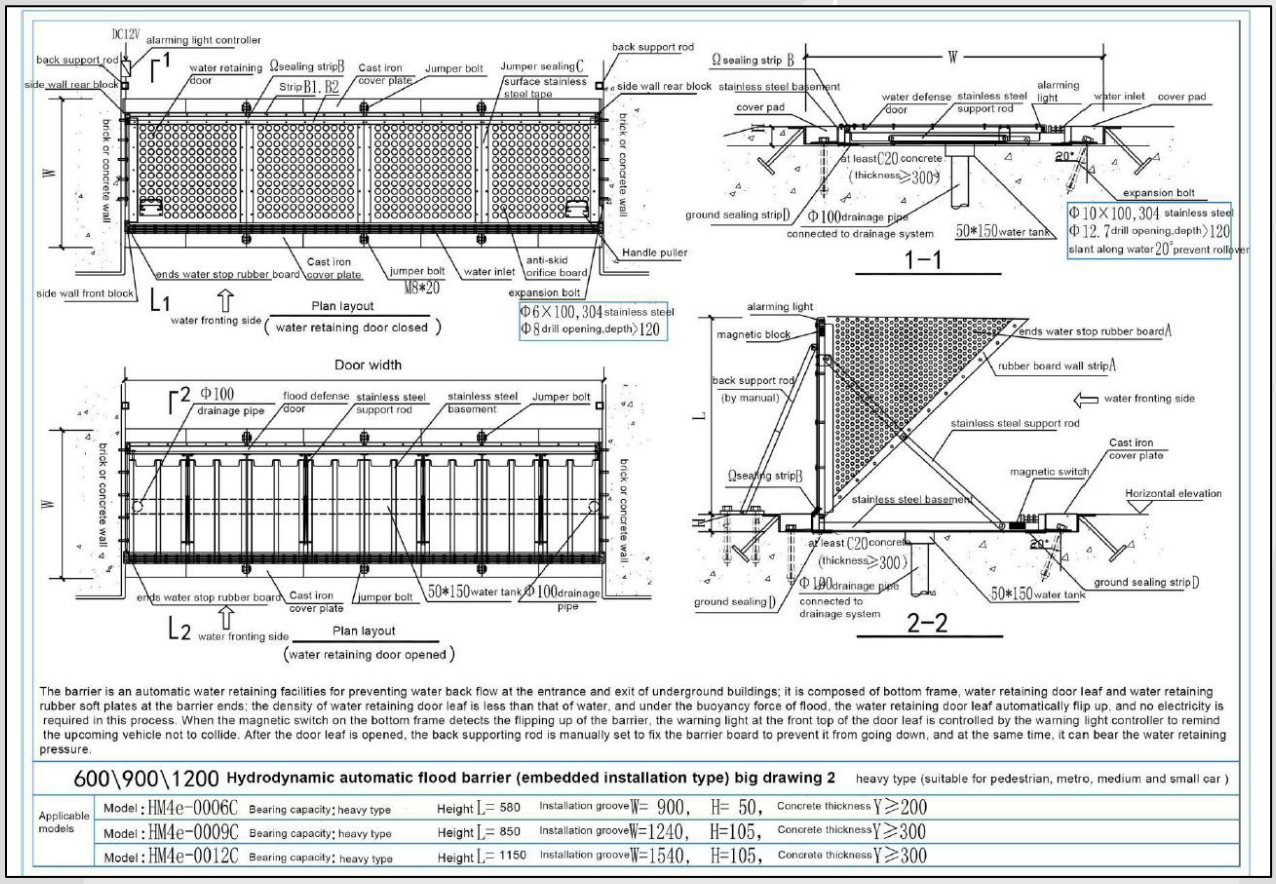
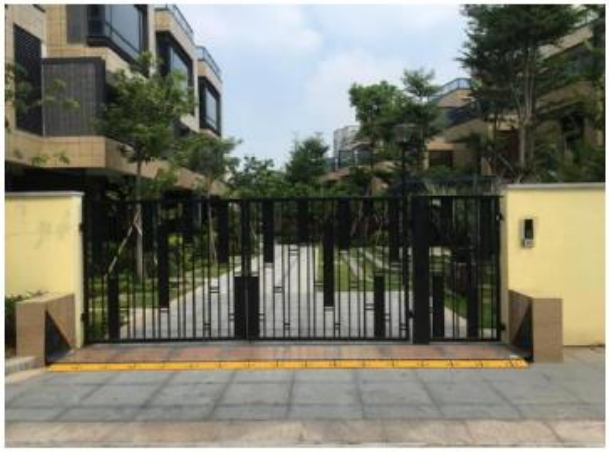
Ejemplo GA Design Drawing – Embedded



The barrier is an automatic water retaining facilities for preventing water back flow at the entrance and exit of underground buildings; it is composed of bottom frame, water retaining door leaf and water retaining rubber soft plates at the barrier ends; the density of water retaining door leaf is less than that of water, and under the buoyancy force of flood, the water retaining door leaf automatically flip up, and no electricity is required in this process. When the magnetic switch on the bottom frame detects the flipping up of the barrier, the warning light at the front top of the door leaf is controlled by the warning light controller to remind the upcoming vehicle not to collide. After the door leaf is opened, the back supporting rod is manually set to fix the barrier board to prevent it from going down, and at the same time, it can bear the water retaining pressure.

600\900\1200 Hydrodynamic automatic flood barrier (embedded installation type) big drawing 2 heavy type (suitable for pedestrian, metro, medium and small car)

Applicable models					
Model: HM4e-0006C	Bearing capacity: heavy type	Height L= 580	Installation groove W= 900,	H= 50,	Concrete thickness Y≥200
Model: HM4e-0009C	Bearing capacity: heavy type	Height L= 850	Installation groove W=1240,	H=105,	Concrete thickness Y≥300
Model: HM4e-0012C	Bearing capacity: heavy type	Height L= 1150	Installation groove W=1540,	H=105,	Concrete thickness Y≥300



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