



## The Solution to Fire Water Supply / HAZMAT SPILL

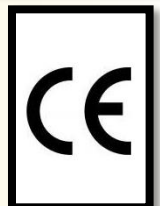
Water-Gate fast deployment PVC barrier are a tool to rapidly dam-up a stream or ditch. The **WA / WT Series** units are used to **contain, dike, deviate** or as an **underflow dam** for Hazmat spill response or for **drafting fire water**. It is a versatile alternative to water supply for fire department with non-hydranted sectors as it conveniently replaces dry hydrants by using small water courses available. The Water-Gate's deployment with the water flow is similar to that of a parachute does with air. The concept of the Water-Gate is simple: it's the weight of the water that stops the water and stabilize the dam down. **No need to pump water on inflate air inside.**



Create a **reliable suction point** using low rise streams in less than 5 minutes without risk for material. Or, with the same unit, instantly replaces the conventional earthen or sandbag made underflow dam with inclined PVC pipes for Hazmat incidents. Rapidly confine floating or sinking pollutants upstream and manage the release of the clean flow until booms, skimmers or vacuum units can be efficiently deployed. The **Water-Gate** system is adapted for emergency response, in **ditches, small or large streams, on roads or any other location** where it can be deployed.



**Benefits:** The **WA** and **WT Series** are **easily** and **quickly installed** and require **minimal manpower**. These are an innovative solution to dam watercourses for fire water supply taking advantage of the entire hydrographical network. A small investment compared to the increased capacity to exploit natural watering points. With the versatile **WT Series**, you can perform **underflow dam operations** as well as plain damming operation for **fire water supply**. No need for heavy equipment or energy sources to install and operate the Water-Gate dam.



## Water-Gate – WT Series

Item #	Retention Level	Length	* Weight		Release Holes
WA / WT-2115	53cm / 21"	4,6m / 15'	12.7 kg / 26.5 lb	14,74 kg / 32,5 lb	11
WA / WT-2125	53cm / 21"	7,6m / 25'	17,5 kg / 38.6 lb	21,87 kg / 48,1 lb	19
WA / WT-2130	53cm / 21"	9,1m / 30'	20,6 kg / 45.4 lb	25,89 kg / 56,9 lb	23
WA / WT-2150	53cm / 21"	15,2m / 50'	33,5 kg / 73.8 lb	42,47 kg / 93,3 lb	39
WA / WT-2815	71cm / 28"	4,6m / 15'	18,33 kg / 40,4 lb	18,33 kg / 40,4 lb	14
WA / WT-2825	71cm / 28"	7,6m / 25'	24,1 kg / 53.2 lb	29,62 kg / 65,2 lb	24
WA / WT-2835	71cm / 28"	10,7m / 35'	34.1 kg / 75.2 lb	41,92 kg / 92,2 lb	34
WA / WT-2850	71cm / 28"	15,2m / 50'	46.7 kg / 103 lb	57,97 kg / 127,5 lb	49
WA / WT-3915	1m / 39"	4,6m / 15'	32,65 kg / 71.8 lb	35.98 kg / 79.05 lb	14
WA / WT-3930	1m / 39"	9,1m / 30'	65.3 kg / 143.6 lb	71,97 kg / 158,1 lb	29
WA / WT-3950	1m / 39"	15,2m / 50'	108.7 kg / 239.6 lb	119.97 kg / 264.1 lb	49

Letters = Series / First two digits = Height / Last two digits = Length

Release Holes are for Underflow Damming

### PRODUCT SPECIFICATIONS:

- Made of strong PVC coated polyester fabric;
- Resistant to many chemical substances;
- Orifices in the inner walls for pole installation to prop open;
- Release hole flaps and dam attachment system made of Velcro.
- Underflow dam available in WT model only;
- User friendly pictograms printed on products.

**Installation steps:** Position the Water-Gate / **unroll** / **slide** in the water course or ditch / **unfold** / **set ballast** material / **assist** deployment if required. Using the continuous flow of the polluted stream, underflow dam is performed with the release hole flaps located on the lower part of the WT Series units. These ports are easily opened or shut down to maintain desired water level upstream while letting the fresh water flow downstream.

Inserting a small number of dowels or poles in the inner walls will **prop the dam open** for protection from potential spill on dry ground / ditch. Also assist to fix filter clothes or sorbent booms.

The folded and rolled-up units do not take much space in a firetruck or response trailer. **Units are lightweight** and convenient for transportation to remote locations. They easily attach with a Velcro system to unlimited length.

In addition, the Water-Gate **WL Series**, is also used as a diversion or diking tool in **urban environment**. Used for flood or **flash floods**, **water main breach**, fire water **deviation** or rescue in flowing road or ditch.



MegaSecur

ENVIRONMENTAL SECURITY