

# THE NEXT GENERATION IN STORM SEWER INLET CONTROLS



## STORM WATER FLOW CONTROL

### THE COST-EFFECTIVE SOLUTION TO YOUR STORM WATER SURCHARGE PROBLEMS

- Conserves sewer system capacity
- System accommodates low to high flows
- Integrated odor and floatable control
- Fast and easy to install and maintain



**IPEX**  
by **alixis**



## THE NEXT GENERATION IN STORM SEWER INLET CONTROLS

### ✓ Reduces Sewer Overflows & Basement Backups

Tempest is a family of cost-effective inlet control devices that work together across a series of catch basins to limit the amount of storm water runoff that can enter a combined sewer system during a storm event. Basement backups and sewer overflows are avoided because storm water surcharges are controlled at the sewer inlet and are allowed to remain in catch basins or temporarily above ground.

### ✓ Integrated Odor & Floatable Control

In addition to flow control, Tempest systems can also alleviate sewer system odour emissions as well as prevent floating debris from entering the sewer system.

### ✓ Wide Range of Models & Pre-set Flow Rates

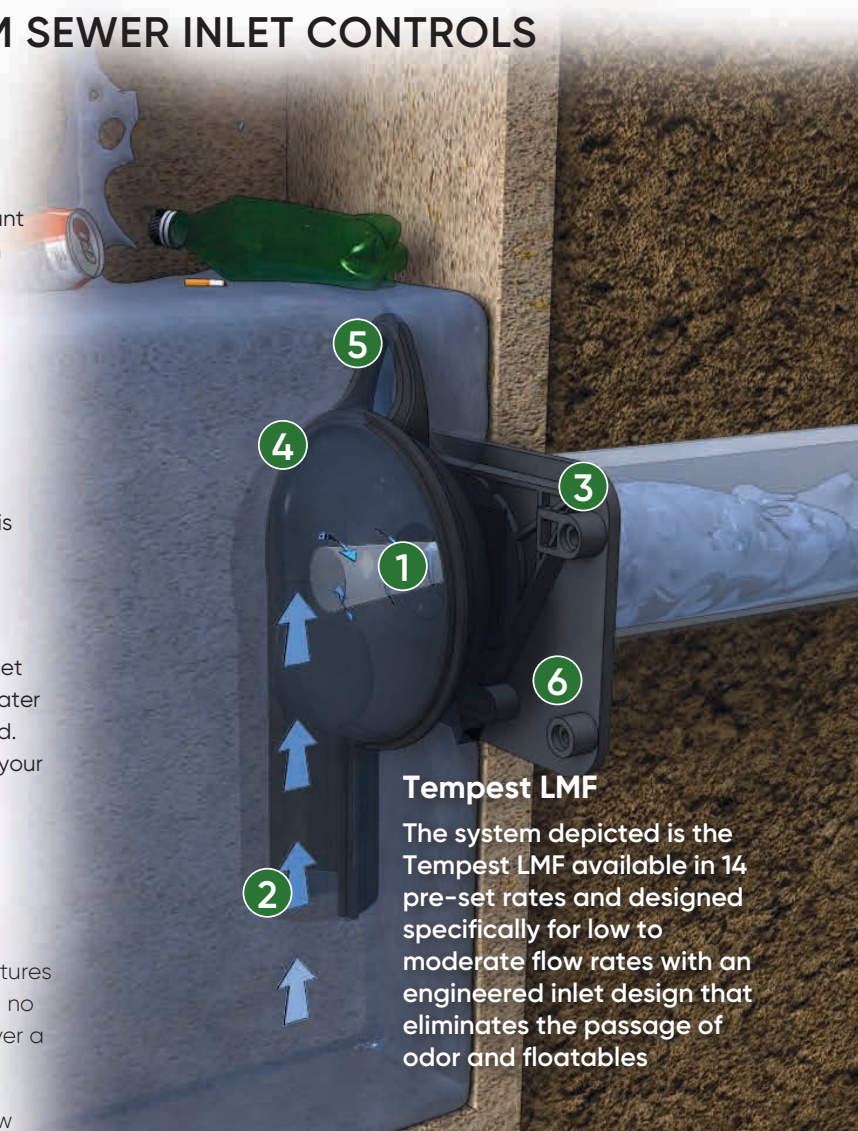
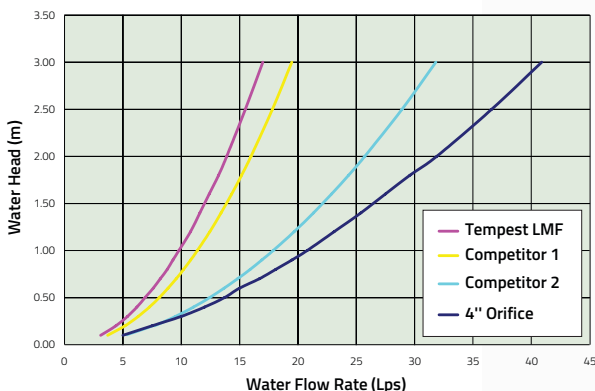
Available in a wide range of patent pending models and pre-set flow rates, Tempest systems can accommodate most storm water flow control requirements from 32 GPM to 270 GPM and beyond. Application specific solutions can also be engineered to meet your unique needs in both wet and dry catch basin environments.

### ✓ Easy to Install & Maintain

Constructed from durable PVC, Tempest units are corrosion free and built to last. The Tempest's light weight design accommodates both square and round catch basins and features a universal back plate and interchangeable components with no moving parts that makes the units quick and easy to install over a catch basin outlet pipe.

These devices also include a quick release mechanism to allow easy access for service without the need to drain the installation.

**Tempest Inlet Control Devices restrict flow to a narrower range than traditional methods regardless of head**



### Tempest LMF

The system depicted is the Tempest LMF available in 14 pre-set rates and designed specifically for low to moderate flow rates with an engineered inlet design that eliminates the passage of odor and floatables

### FEATURES & BENEFITS

- 1 Restricts flow to a narrow range regardless of head
- 2 Unit design prevents the passage of floatables and odors
- 3 Neoprene gasket for air-tight seal\*
- 4 Virtually maintenance free and corrosion free durable PVC construction
- 5 Features a quick release mechanism that's accessed with reach bar. Unit can then be simply lifted out for easy maintenance\*
- 6 Universal back plates available for both square and round catch basins\*

\* Excluding Tempest HF Sump

## THE TEMPEST FAMILY OF SYSTEMS

### TEMPEST LMF



- Restricts:
- ✓ Flow
  - ✓ Odors
  - ✓ Floatables

**LOW to MODERATE FLOW RATES**  
 32 GPM (2 L/s) – 270 GPM (17 L/s)  
 14 pre-set flow rates

The Tempest LMF system features a vortex inlet design that allows a low flow rate to be set and eliminates the passage of odors and floatables and allows for debris and sediment to collect in the structure.

### TEMPEST MHF



- Restricts:
- ✓ Flow

**MEDIUM TO HIGH FLOW RATES**  
 143 GPM (9L/s) or greater  
 Specified pre-set flow rates

The Tempest MHF is a standard orifice plate or plug device designed to allow a specified flow volume through the outlet pipe at a specified head.

### TEMPEST HF & HF SUMP



- Restricts:
- ✓ Flow
  - ✓ Odors
  - ✓ Floatables

**HIGH FLOW RATES**  
 240 GPM (15 L/s) or greater  
 5 pre-set flow rates

The standard Tempest HF system allows a near constant discharge rate to be set and eliminates the passage of odors and floatables and allows for debris and sediment to collect in the structure.

The Tempest HF SUMP system is designed for catch basins & manholes in which there is no sump or the outlet pipe is too low to install standard Tempest device.

### UNIVERSAL BACK PLATES

Available for BOTH square and round catch basins.\*



For square catch basins

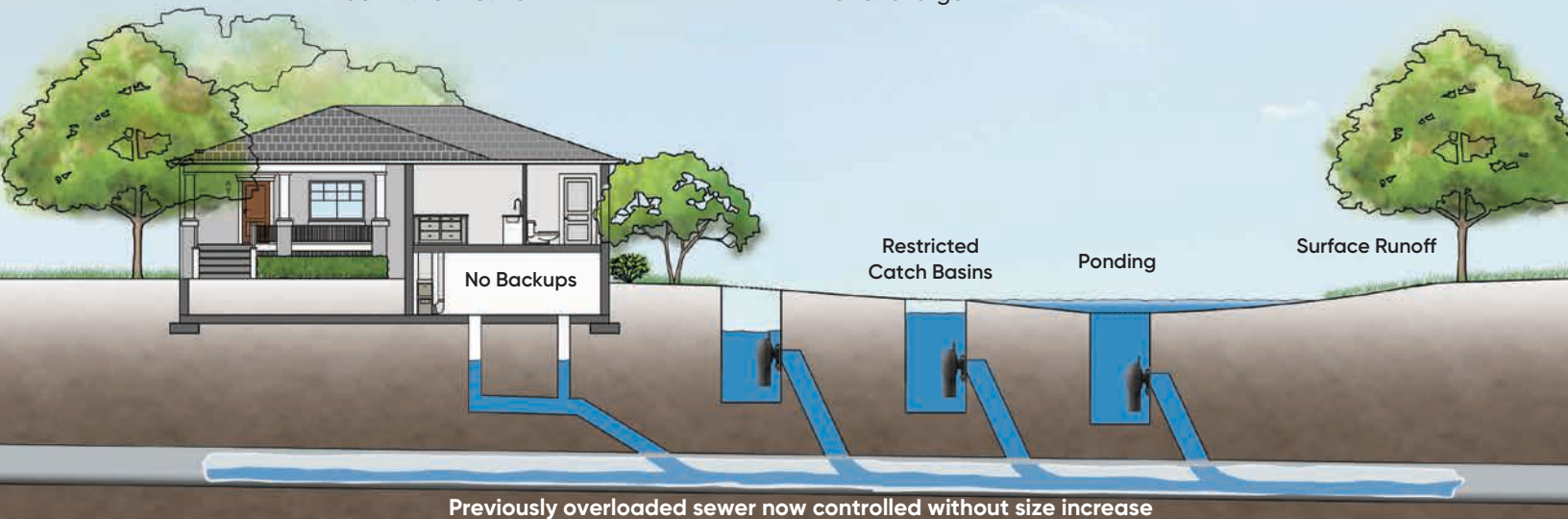


For round catch basins

## SOLUTION: TEMPEST INLET CONTROL SYSTEMS



- Provides control by restricting flow into the sewer system
- Provides temporary ponding in catch basins, parking lots & roadways
- Helps preserve sewer capacity, slows down the inlet flow
- Reduces residential flooding and flash flooding
- Water surcharge is controlled and directed as per engineer design
- Can accommodate outlet pipes 6" and larger



## CUSTOMER SERVICE CENTRE

### IPEX USA LLC.

Toll Free: (800) 463-9572

ipexna.com

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- Telecommunications and utility piping systems
- PVC, CPVC, PP, PVDF, PE, ABS, and PEX pipe and fittings
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems

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