

ISOLATOR

Features

- Stainless steel top plate construction
- Quick release top valve plate for easy maintenance of valve and catch basin structure
- Sealed valve stem with hexagon stem valve driver
- Valve opener is accessed from above the grate surface
- Valve opens in 6 quick turns
- Available valve sizes range from 6" to 12" depending upon the flow rate required
- Canadian Patent 2127974
- US Patent 5569372

Key Specifications

Top Plate—3/8" Stainless Steel
Bottom Frame Hot Dip Galvanized
Buna Fuel Resistant Gasket
Stainless Steel Quick Release Pins
Butterfly Valve with Buna Seat
90 Degree Stem Gear Actuator
Jet Fuel and Glycol Resistant Epoxy
Hex Head Shaft Adapter

Valve Flow Rates

6" Valve at 10" Depth:	1,112 USG
8" Valve at 10" Depth:	1,993 USG
10" Valve at 10" Depth:	3,264 USG
12" Valve at 10" Depth:	4,424 USG

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NEXGEN MUNICIPAL
turning vision into value™

NexGen ISOLATOR CatchBasin Insert

SIMPLE, EFFECTIVE CONTAINMENT OF DE-ICING FLUID

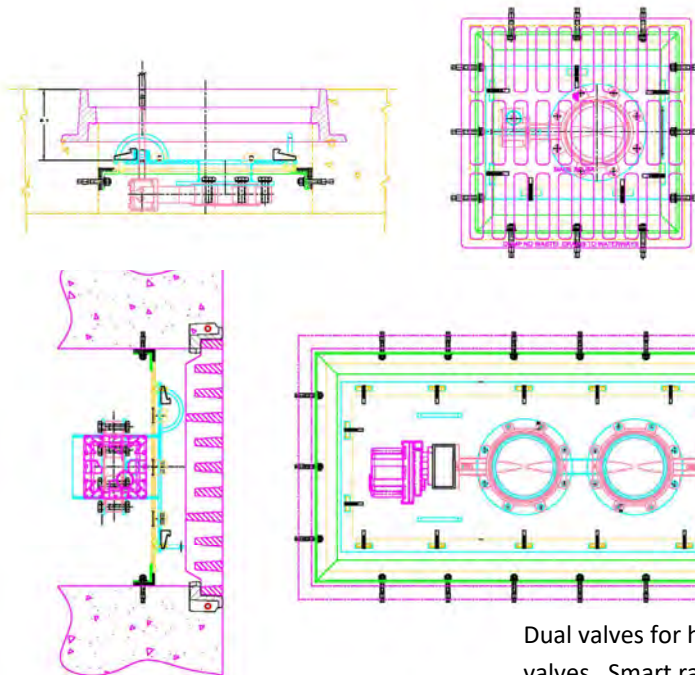
UNDER GRATE MOUNTING

NexGen's Catch Basin Inserts solve the problem of spent de-icing fluid containment. By controlling spent de-icing fluid at the surface, Isolator units prevent sub-surface contamination and ensure fluid can be quickly and easily collected by mobile equipment.

For standard catch basins and walls with good structural integrity, the NexGen Catch Basin Flat Plate design provides rapid installation using a pre-fabricated frame with fuel and glycol resistant epoxy sealer kit. Installations are typically completed in less than 3 hours per catch basin. Stainless steel top plate and double valve stem seals ensure a long service life.



SINGLE and DOUBLE DESIGNS WITH OPTIONAL ELECTRICAL ACTUATION



Single valve designs from 6" to 12" with sub-surface mounted angle iron support frame and epoxy seal kit. Full CAD design with rapid removal top plate for long term service access.

Dual valves for high flow applications with 6 to 12" valves. Smart ramp designs with optional electric valve actuators, valve heat tracing, remote operating controls and ramp status lights.

