

STAINLESS STEEL RAINSTOPPER

WITH EXTENDED LIFE GASKET

TECHNICAL DATA SHEET



CONSERVATIVE INFLOW COST-PER-DAY - 1 MANHOLE

- 12 gpm of inflow X 60 minutes = 720 gph
- 720 gph X 24 hrs = 17,280 gpd
- Total inflow per day/1,000 = 17.28
- 1-Day Tx cost (1000 gal) \$2 X 17.28 = \$34.56
- 10000 manholes @ 50 rainy days per year
\$17.28 million yearly
additional wastewater treatment costs
due to inflow only

IMMEDIATE ROI

30% avg reduction in TOTAL I & I
100% ROI



EL GASKET

Developed to provide a 2nd layer of protection and ensure against leakage, the patented Extended Life (EL) gasket is engineered for a 50-year service life and withstands 16.5 ft of water head >1200 hours with no leaking.

Tensile strength (ASTM D412)	335 psi
Elongation (ASTM D412)	400 to 600%
Shore hardness (ASTM C882)	25 Shore A
Adhesion to stainless (ASTM D4541/D7234)	580 psi

MANHOLE MEASUREMENT

Accurate frame and cover measurements are critical to ensure proper fit. While carefully following the instructions included on the Rainstopper Measurement Worksheet, measure and record the physical dimensions for each unique manhole frame and cover, then enter the desired quantity for each measurement configuration. Do not hesitate to contact us at the number listed below if you have questions or concerns.

INSTALLATION

To install the Rainstopper, remove the manhole lid. Clean all dirt and debris from manhole frame. Seat Rainstopper in manhole frame rim. Replace manhole lid. Ensure lid is flush with frame to alleviate tripping hazard. Once installed, maintenance is not required.

WARRANTY

Limited fifteen-year replacement warranty: If insert is defective in materials or workmanship within fifteen years of purchase, it will be replaced free of charge by Rainstopper if not damaged through mishandling, accident, or abnormal use, and excludes replacement of handle, valve, and gasket.

PRODUCT DESCRIPTION

The Stainless Steel Rainstopper is a patented manhole insert designed to eliminate inflow in your municipality's sanitary sewer system. It also reduces the inflow of street level contaminants, while simultaneously controlling the escape of undesirable sewage odor and minimizing traffic related manhole noise and cover displacement. The insert is manufactured in the USA to precise, custom specifications from corrosion resistant 304 or 316 stainless steel. Its

unique design allows the venting of sewer gases through a non-mechanical device, reducing maintenance costs by eliminating moving parts. Weighing only 10 pounds, it can easily be installed by a single person.

