

Aging buried infrastructure? **UPGRADE YOURS.**

Eliminate extraneous water inflow and sewer surcharge with the world's first rubber manhole system. The Lifespan® System, featuring a watertight, corrosion-proof frame and adjustment risers, offers unmatched performance, the lowest lifecycle cost and the longest life expectancy.

Freeze-thaw cycles, heavy traffic loads and corrosive environments cause aging collection systems to develop breaks and leaks, letting excess water into the system. That added flow not only reduces wastewater conveyance and treatment capacity, it can force systems to handle volumes for which they were never designed.

RESTORE PERFORMANCE

System failure causes sanitary sewer overflows into basements, streets and public waterways. Complaints fly. Wastewater treatment and energy-use costs soar. And adding temporary storage or expanding treatment capacity merely adds operational costs without solving the problem. Then there's the price tag for road maintenance and repairs as pavement cracks and heaves, due to the poor performance of traditional cast iron manholes.

Lifespan eliminates inflow. Its corrosion-proof rubber frame and tapered adjustment risers, coupled with a mechanically sealed cast iron or composite cover, makes the system completely watertight. Designed to retain the hydraulic and structural integrity of the underlying concrete structure, it helps deliver a longer service life—longer than any other new install or retrofit solution on the market.

The Lifespan System has undergone rigorous field-testing in very challenging city road environments throughout North America. From extreme high to extreme cold temperatures, as well as environments with many freeze-thaw cycles every season, these roads are exposed to significant weather changes, corrosive road salts, snowplows and heavy traffic. Lifespan stands up to it all.



SAVE MONEY

What does this level of performance mean to your organization?

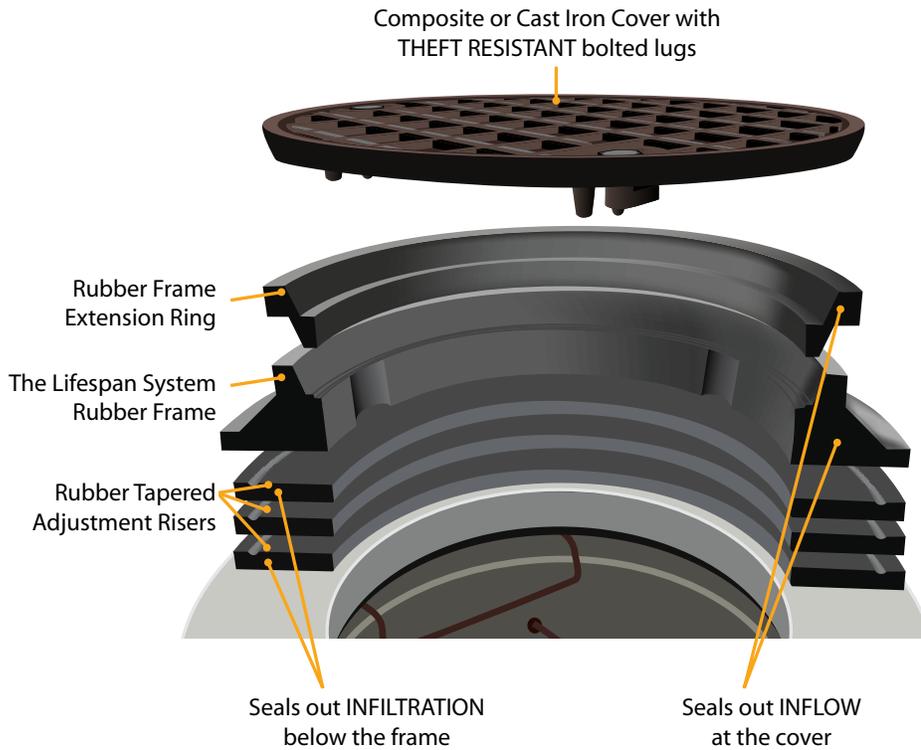
- Reduced costs for maintenance, water treatment, energy and capital expenditures
- Increased capacity and scalability for your system
- Improved safety and reduced labor costs due to a lightweight, ergonomically friendly and easy-to-install system

BE A HERO

Lifespan's frame and risers are made of ultra-high-performance rubber that absorbs impact and minimizes road noise, extending the lifecycle of surrounding pavement to enhance road safety and prevent damage to vehicles. Its sealing capabilities also help prevent the escape of unpleasant odors and sewer surcharges.



HOW IT WORKS



All components are made from impact-dampening, sound-absorbing, corrosion-proof, ultra-high-density virgin rubber material.

Lifespan is available in 24", 27" and 30" clear opening sizes. Each size can utilize tapered adjustment risers, 1/2" on one side and 1-1/2" on the other, to allow for a perfect match of the manhole frame to the road surface. All three sizes also come with the SHURE-LOK design, ensuring the cover will be placed into the frame with the proper orientation for the locking cams to engage in the pockets on the inside of the frame.

Lifespan meets the following standards:

ASTM C923, AASHTOHS-25, ASTM D 2240, ASTM D 412, ASTM D 573, ASTM D 395 B, ASTM D 746 B and ASTM D 1149.



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The warranty on the Lifespan® Frame, Tapered Adjustment Riser and Extension Riser as manufactured by Hamilton Kent, is 10 years. If during the warranty period, the Lifespan Frame, Tapered Adjustment Riser or Extension Riser is proven to be defective, the item will be replaced subject to the terms of Hamilton Kent's Warranty Policy.

ENHANCE

Cost effectiveness

Life expectancy

Capacity

Scalability

REDUCE

Maintenance costs

Water treatment costs

Energy costs

Capital expenditures

Rate payer complaints

ELIMINATE

Inflow

Infiltration

Surcharge

ARE YOUR ACCESS SYSTEMS...

Watertight?

Lightweight?

Non-corrosive?

Quiet?

Easy to install?

Non-conductive?

The most cost-effective inflow solution?

OURS ARE.

UPGRADE YOURS.