



Mechanical Strut

The 8190 and 8210 hinged hatch series features an optional lift assist. The lift assist is a mechanical spring strut, which reduces the effort required to open the cover. For example, a 550 pound cover can be lifted using less than 50 pounds of force at the handle. Unlike a traditional spring assist, the strut takes up less space in the clear opening. The rugged design is clean, maintenance free and is fully contained, avoiding exposure of the high stress spring.

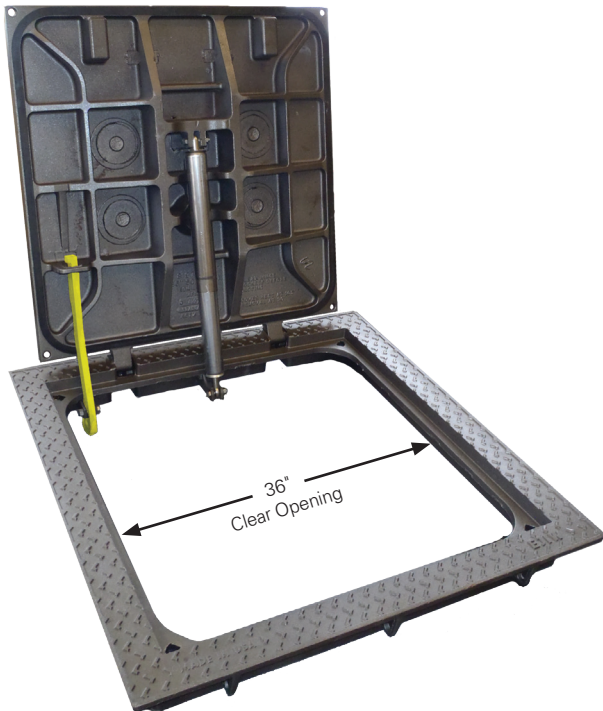
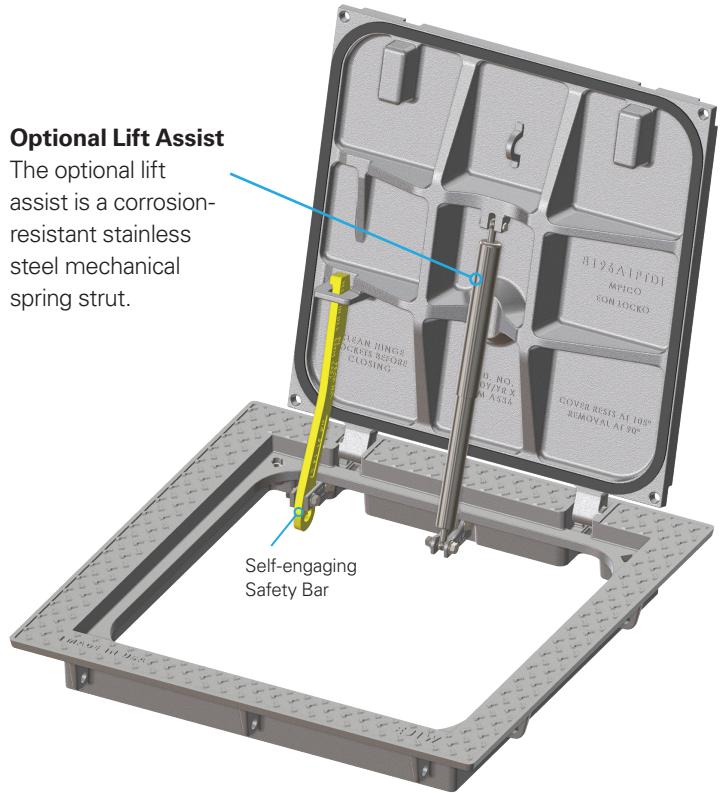
The mechanical struts are made of corrosion-resistant stainless steel, and have no internal gases or seals. The struts have an effective operating temperature range of -30° F to 400° F and their durability has been tested at over 150,000 cycles.

Contact your Sales Representative for complete test results.



Optional Lift Assist

The optional lift assist is a corrosion-resistant stainless steel mechanical spring strut.



Rugged Construction

- Permanently enclosed body for clean, maintenance free operation – no exposed springs
- Durable end bearings
- Hard chrome over stainless tube to prevent galling

Ergonomics

Lifting force to open the unit is less than 50 pounds using a typical industry removal tool (hook, pry bar, pick-axe). This is in accordance with National Institute for Occupational Safety and Health Administration (NIOSH) standard for reduced physical stress due to lifting.

Available on the following units

Clear Opening	Heavy Duty	Extra Heavy Duty
24 x 24	8215	8195
30 x 30	8216	8196
30 x 63	8216 - Double	8196 - Double
36 x 36	8217	8197
36 x 74	8217 - Double	8197 - Double
48 x 48	8218	8198
48 x 48	8218 - Double	

Note: All dimensions are in inches.