

# LifeJacket® Hydraulic Elevator Safety

## Comprehensive Protection from the Damage of Hydraulic Failure

### She's Upset She's **STUCK** You're Thankful She's **STOPPED**

Hydraulic elevators can malfunction, lose pressure and fall. The results can be catastrophic – personal injury, loss of life, equipment damage and legal liability.

**Protect the riding public, your company and the building owners and managers you service** with the LifeJacket hydraulic safety system from Adams.

The LifeJacket encircles the elevator plunger. If it senses loss of pressure or uncontrolled downward car movement, it immediately closes, bringing the elevator and passengers to a safe, controlled stop.

The LifeJacket is easily installed on hydraulic elevators of any age. **There's no reason to go another day without protection.**



# ADAMS

*More Parts Delivered Faster*

# LifeJacket® Hydraulic Elevator Safety

## Comprehensive Protection from the Damage of Hydraulic Failure

### Spread the Word About LifeJacket

Every year hydraulic elevators fail and fall. **Most building owners and managers are unaware of the dangers of hydraulic elevator failure and their resulting exposure to liability.** LifeJacket protects against the catastrophic damage caused by a hydraulic elevator failure. As a plunger gripper, it meets the latest safety code requirements.\*

### Routine Maintenance Isn't Enough

Even the most skilled maintenance contractor can't detect potential hydraulic failure during a service call. Even when tests indicate the elevator is working to required performance levels, hidden dangers such as a corroded cylinder far below ground, failing pipes or valves may subsequently trigger a loss of pressure resulting in a fall.

### 100% Safety – How it Works

The LifeJacket installs above the cylinder head, encircling the elevator plunger. If a loss of pressure or uncontrolled downward car movement is detected, its jaws close, bringing the elevator and its passengers to a safe, controlled stop – with no damage to the plunger.

### LifeJacket Protects Against:

- **Cylinder failure.** In-ground cylinders are susceptible to underground electrolysis that may cause dangerous levels of deterioration.
- **Break in hydraulic line or failed valves.** Field feedback indicates that 60% of all LifeJacket activations are actually caused by failures other than the cylinder, such as broken pipes or failed valves.

**Installs easily on virtually any hydraulic elevator – old or new**

**Easy to test and reset – no damage to plunger**

***The most comprehensive protection from potential damage and liability***

***Don't go another day without protection. Call Adams today 1-800-929-9247 or visit [www.adamselevator.com](http://www.adamselevator.com)***



**LifeJacket jaws in open position – normal operation.**



**Jaws grip plunger when activated to safely stop elevator.**

\*ASME A17.1a 2002 Addenda (sec. 3.17.3) states: "In the event of fluid loss or overspeed, the use of a plunger gripper is permitted as an acceptable means to bring an elevator to a safe, controlled stop."



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