

# LifeJacket™ saves lives when hydraulic pressure fails



## Proactive safety solution stands guard 24 hours a day

- Detects sudden loss of hydraulic pressure
- Locks around piston as soon as car starts to fall
- Brings car to quick, safe stop
- Locking arms do not damage piston
- Car travel can be restarted only by authorized personnel

### Hydraulic elevators can lose system pressure and fall

- **Broken pipes or failed valves:**  
Responsible for 60% of **LifeJacket** activations
- **Cylinder failure:**  
The result of underground electrolysis at work actively deteriorating in-ground cylinders; this can be occurring even when tests indicate that the elevator is working to required performance levels.
- **Packing bind:**  
When faulty or aging packing fails to seal the plunger.

### Spontaneous loss of pressure can result in serious consequences

1. The elevator falls, even under a normal load
2. People are injured, frequently severely
3. The loss in damaged equipment can be staggering
4. You are exposed to costly personal injury claims



*LifeJacket's arms remain open during normal elevator operation (a). When the unit senses uncontrolled downward movement, the arms close immediately (b)—bringing the elevator and its passengers to a soft and safe stop*