Retracta Ladder®

Retractable elevator pit ladder engineered to fit tight clearances where traditional, stationary pit ladders do not fit.

- 3" wall to outside of ladder when retracted for exceptionally tight car to hoistway clearance.
- 7" rung-to-wall when extended for full OSHA and ASME A17.1-1996 - 2013 compliance.
- Replaces notch or pocket in the pit & hoistway wall as required for MRL elevators.
- Electrical Protective Device per A17.1-2007/13, 2.26.2.38 field wired in series with elevator stop switch prevents elevator operation when ladder is extended, positive break N.C. contact, NEMA 4X (IP67) standard.
- Traction Tread™ rungs, slip-resistant & self-cleaning for ideal multi-direction grip and exceptional strength.
- Gas spring reduces force required to extend or retract ladder to less than 10 lbf (< 50 lbf code).
- Pull pin with secure grip T-handle to extend & retract ladder and mechanically secure it in both positions.
- OSHA Safety Yellow powder coat painted for optimal visual safety and rust protection.
- Reversible installation with provisions to mount micro switch & pull pin assembly on either side.
- 3' (#RL36) thru 13' (#RL156) pit depths and 16", 12" & 9" wide rungs are standard.
- Modular design for ease of handling and reduced shipping cost.
- Compliant with California Circular Letter E-10-02 for modernization & new construction.
- Retracta Ladder® is a Registered Trademark and has been awarded US Patent #8944211.
- Made with pride in the USA.

Smart Elevator Tech, LLC
phone: (415) 819-5744
e-mail: rich@smartelevatortech.com
web: www.smartelevatortech.com
NOTE: MODEL RL48 FOR A 48" DEEP PIT SHOWN, OTHER MODELS & PIT DEPTH SIMILAR

- Holes for Reversing Pull Pin Locking Assembly for Left Hand Installation
- ANSI Z535.2/4 & ISO 3864-2 Compliant Warning Sign
- Vertical Riser Bars
- Ladder Upper Section
- Splice Tab Welded to Ladder Lower Section
- Splice Bolt, Place Washer & Nut to Outside of Ladder
- Integral Wall Bracket & Micro-Switch Mount Bracket for L.H. Mounting Option
- Vertical Riser Bars
- Ladder Lower Section
- Channel Rungs, Typ.
- Wall Bracket, Typ.
- Wall Fastener, Typ.
- Pivot Arm, Typ.
- Trim Riser Bar Base for Non-Standard Pit Depths, As NEC.
- Vertical Riser Bars Must Rest on Pit Floor When Ladder is Deployed

For Models #RL72 (6' Pit) and Higher, Locate Middle Sections Here, Typ.

- Electrical Device (Micro-Switch) Shipped Under Rung, Install After Ladder is Mounted to Wall, R.H. Installation Shown
- Hinge Pivot Arm & Switch Actuator
- Field Conduit & Wiring to Elevator Safety Circuit

- Ball Pin / Cup Connection, Top
- Gas Strut, Shipped Under Rung, Install with Plunger Down After Ladder is Mounted to Wall
- Block-Up Retracted (Raised) Ladder for Mounting All Lower Brackets

- Mount One (1) Top Bracket into Hoistway Wall After All Other Brackets Are Mounted, Center Pull Pin in Receiving Hole to Center Bracket Before Mounting

Front Side

© 02/11/2015 Smart Elevator Tech, LLC