



DOOR CLOSER – SPRING ROPE PULLER

Built for dependable performance, the Spirator ensures elevator hatch doors close securely and automatically as the car departs. Its proven design simplifies installation and reinforces passenger safety with consistent, code-compliant operation.

SPECIFICATIONS

- Hub Material: Delrin
- Spool Material: Steel
- Cable Length: 94.50"
- Cable End Type: Eye Terminal
- Cable Coating: Clear Vinyl, \varnothing 5/64"
- Cable Strand Type: 7x7 Stainless Steel, \varnothing 1/16" Cable
- Retraction Force: 6–10 lbs at 23–52" deflection
- Outside Diameter: 5.00"
- Spool Diameter: 4.12"
- Spool Width: \approx 1"



INSTALLATION OVERVIEW

Mounting:

- Attach the spirator and bracket assembly to the hatch door using the included hardware.

Cable Termination:

- Remove the rubber band from the cable end and secure the eye terminal to a fixed location near the door lock. Ensure the cable pulls horizontally.

Pre-Wind Tension:

- Pre-wind the spirator 1–2 wraps to achieve proper tension.

Note: Always install with the hatch door closed. Excessive wraps may reduce the spirator's life cycle.

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