



**T1F60G**  
*Formerly REC-FR18G*

Fallstop® retractable/retrieval lifeline combines fall protection and a retrieval winch. It is specially used in confined space rescue and retrieval systems.

The retracting capability of the unit provides comfort, flexibility and freedom of movement to workers performing their job at various heights. As the worker moves toward or away from the device, the spring tensioned cable will retract back into the unit or will draw out of it. The device automatically takes up the slack in the wire rope keeping it out of the way while minimizing free fall distance should a fall occur.

In the event of a slip or a fall, the sudden jerk in the wire rope will cause a centrifugal locking mechanism to activate to arrest the fall within less than 24 in. (60 cm).

The device can be converted from a retracting unit to a recovery device in a few seconds simply by installing the handle into position. The bi-directional feature of the unit allows the injured worker to be lowered or raised. This feature also makes it possible to slightly lower a worker to free him from obstructions before raising.

The retractable lifeline is available with lengths of galvanized steel or stainless steel wire rope of 60 ft. (18 m) and 75 ft. (23 m). The standard unit is supplied with a double-locking swivel snap at the end of the wire rope and has a convenient carrying handle. The unit is equipped with a visual fall indicator presents at the hook to allow inspection before each use.

**Applicable standards:**

- CSA Z259.2
- ANSI Z359.1
- OSHA 1910.66 (appendix C)

**Applications:**

Confined space entry as:

- |                     |           |
|---------------------|-----------|
| - storage tanks     | - silos   |
| - vats              | - boilers |
| - sewers            | - tunnels |
| - ship compartments | - vaults  |
| - pipelines         |           |

**⚠ WARNING** Always select an anchorage point that is rigid and capable of supporting a minimum load of 3,000 lbs. (13 kN).

**⚠ WARNING** Always work directly under anchorage point as a pendulum fall could result in serious injury or death.

Unit specifications:	T1F60_	T1F75_
Wire rope length	60 ft. (18 m)	75 ft. (23 m)
Wire rope material	3/16 in. (4.7 mm) dia. galvanized steel (G) 3/16 in. (4.8 mm) dia. stainless steel (S)	
Wire rope breaking strength	3,300 lbs. (15 kN)	
Wire rope tension	11 lbs. (50 N)	
Rope speed to activate locking	4.9 ft./sec. (1.5 m/sec.)	
Unit weight	21 lbs. (9.7 kg)	23 lbs. (10.6 kg)
Length (A)	18 1/8 in. (460 mm)	
Width (B)	10 in. (256 mm)	
Depth (C)	7 in. (178 mm)	
Minimum headroom (D)	25 in. (635)	
Handle height (E)	1 1/4 in. (32 mm)	
Handle width (F)	2 1/2 in. (64 mm)	
Recovery handle length (G)	12 1/4 in. (311 mm)	
Maximum working load	310 lbs. (140 kg), one person	
Maximum arresting force	1,800 lbs. (8 kN)	
Maximum fall arrest distance	24 in. (60 cm)	
Force to apply on handle to lift 220 lbs. (100 kg)	18 lbs. ± 2 lbs. (80 N ± 10 N)	
Recovery speed (inches (mm) / turn)	3 3/4 to 4 5/16 in. (95 to 110 mm)	3 3/4 to 4 1/2 in. (95 to 115 mm)

