

Zionsville Fire Department

General Specifications for 2015 E-One Cyclone 137'

APPARATUS DIMENSIONS AND WEIGHTS

Height (max.): top of ladder	11' 10"
Length (Overall-Bumper to Tip of Ladder)	44' 6"
Width (including mirrors)	9' 11"
GVWR (Gross Vehicle Weight Rating)	78,000 lbs.
GAWR (Gross Axle Weight Rating) Front Axle	24,000 lbs.
GAWR (Gross Axle Weight Rating) Rear Axle	54,000 lbs.

COMPONENT OPERATING RANGES

Apparatus Normal System Voltage Operating Range	12.9 to 14.4 Volts
Engine Oil Pressure Normal Operating Range	10 psi @ idle 30 psi @ 1200 rpm
Engine Coolant Temperature Normal Operating Range	160° F to 212° F 225°F Max.
Engine Fan Clutch Engagement	212°F & during pump engagement
Transmission Fluid Temperature Normal Operating Range	160° F to 200° F
Air Brake System Normal Operating Range	90 psi to 120 psi
Fuel Tank Capacity	60 Gallons
Fast Idle	1200 RPM

WATER TANK CAPACITY

Water Tank Capacity	500 Gallons
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AERIAL DEVICE SPECIFICATIONS

Vertical Height (full extension & elevation)	137 ft.
Horizontal Reach	127.5 ft.
Set-up Jack Width	15' 6"