



**allweatherinc**

# 30 ft Fold-Over Tower 8518 Series

## Overview

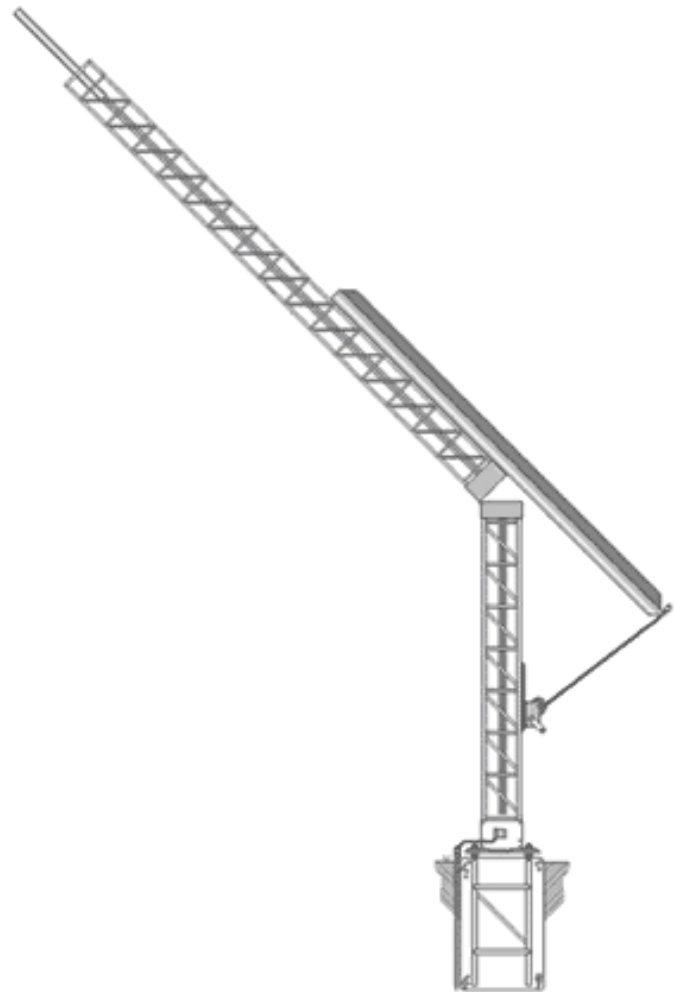
The Model 8518 and 8518-A 30 ft Fold-over towers are lightweight, anodized angle aluminum, free-standing, towers. The Model 8518 is unpainted, while the Model 8518-A is painted with six alternating bands of aviation surface orange and aviation white, in accordance with FAA circular AC 70/7460-1 and international requirements.

## Accuracy by Design

The 8518 Series towers are articulated at the 10 ft level, allowing easy access to the sensors and other equipment mounted at the top by simply lowering the upper section. A hand-operated winch mounted to the bottom section of the tower lowers the upper section, allowing a single person to service the equipment easily without climbing the tower or using a bucket truck. Two legs of the tower are hinged at the 10 ft level, with the third separating from the bottom section as the upper section is lowered. A two-inch pipe bolted to the separating leg serves as a leverage arm, with the bottom end of the arm tied to the winch.

The 8518 Series towers are engineered to withstand 85 mph winds with a safety factor of 1.5. Guying kits are available from All Weather Inc. to increase the load rating. All parts are rugged, satin-finish anodized aluminium, and all hardware is stainless steel, ensuring long life in harsh environments. The Model 8518-A complies with BOCA, UBC, and EIA building codes and is FAA certified for airport AWOS use.

See reverse for specifications.



**TOWERS**

## SPECIFICATIONS

Parameter	Specification
Tower Height	30 ft
Material	Anodized Aluminum
Mast Length	5 ft
Fold-Over Hinge Height	10 ft
Tower Side Width	12.75 in
Section Length	10 ft
Section Weight	29 lb

## DIMENSIONS & WEIGHTS

Parameter	Specification
Tower Package Shipping Weight	202 lb (91.63 kg)

## ORDERING INFORMATION

Part Number	Description
8518	30 ft Fold-over Tower (unpainted)
8518-A	30 ft Fold-over Tower (painted)
8518-001	User's Manual for 8518 Series Towers
DSPK	Obstruction Light Kit - Land Line
DSPKU	Obstruction Light & Antenna Kit (UHF)



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