

SPECIFICATIONS

Parameter	Specification
Measurement Range	12,500 ft
Resolution	12.5 ft
Accuracy	±20 ft
Cloud Layers	Up to 4, base and depth
Measurement Cycle	Configurable to 30, 60, or 120 second sampling per reporting interval; can be set to 180 seconds when no clouds detected
Operating Temp.	-40°C to +60°C
Storage Temp.	-50°C to +70°C
Relative Humidity	0–100%, condensing
Laser	
LIDAR	InGaAs, pulsed diode
Wavelength	905 ± 10 nm
Pulse Width	50 ns
Collector Type	Si avalanche photodiode, variable gain, temp compensated
Optics	Side-by-side optical channels
Laser Safety	FDA Class I, 21 CFR1040
Power Requirements	
Power Supply	115 V AC, 47–64 Hz, 100 W
Mechanical	
Enclosure	NEMA 4X stainless steel
Mounting	Single-leg pedestal; 2.5" pipe, unistrut mounted

ORDERING INFORMATION

Part Number	Description
8339-FAA	110 VAC Ceilometer
83391-00	115 VAC Heater/Blower
83395-00	Battery Back-up Kit
M491762-00	Service Port Cable
M028181-00	Desiccant
M491763-01	Service/Programming Cable
M488318-00	Galvanized Pipe Kit

DIMENSIONS & WEIGHTS

Dimensions (Ceilometer)	9" x 16" x 19" (230 x 410 x 480 mm)
Dimensions (Ceilometer & heater/blower)	16" x 20" x 27" (410 x 510 x 690 mm)
Ceilometer Weight	43 lb (19.5 kg)
Heater/Blower Weight	18 lb (8 kg)
Shipping Dimensions	26" x 24" x 15" (660 x 610 x 381 mm)
Shipping Weight	60 lb. (27.22 kg)



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