

THE WORLD'S MOST TRUSTED AND RELIABLE CLOUD SENSOR

A compact and lightweight standalone instrument designed for measuring cloud base height and vertical visibility with exceptional accuracy up to 50,000ft (12km). Based on proven LIDAR technology, this third-generation ceilometer builds on Eliasson's 40+ years of industry experience with over 3,000 units installed worldwide, in aviation, meteorology, offshore and marine applications.



CEILOMETER CONFIGURATION		1	2	3	4	5	6	7	8	9	10
MODEL		CBME									
Measurement Height	7.6km / 25k feet	80B-									
	12km / 40k feet	120-									
Power Configuration	230VAC only		A1								
	12VDC electronics with 230VAC heater and blower		A2								
	115VAC only		B1								
	12VDC electronics with 115VAC heater and blower		B2								
	12VDC electronics and heater. No blower		C1								
Connector Arrangement	Amphenol C016-series for AC power	(available with A1, B1)		A							
	Amphenol C016-series for DC power	(available with A2, B2)		B							
	MIL-C-5015 series	(available with A1, A2, B1, B2)		E							
	Amphenol PT02-series	(available with A1, A2, B1, B2)		G							
	Amphenol C016-series for all 12VDC	(available with C1)		I							
	Amphenol C016-series with LTW Ethernet	(with Ethernet connection)		J							
Sun-Shutter	No				0						
	Yes				S						
Radiation Shield <small>(not recommended with Local Display)</small>	No					0					
	Yes					R					
Housing	Standard						S				
	IP66	(available with A, B, I, J connector arrangements)					6				
Contamination detection	No							0			
	Yes							C			
Tilt kit	No								0		
	Yes								T		
Ethernet connection <small>(needs IP66 housing)</small>	No									0	
	Yes	(available with J connector arrangement)								E	
Paint Colour	White										W
	Custom (Specify)										C

Standard configuration: CBME80B-A2-B-0-0-S-0-0-0-W

STANDARD ACCESSORIES

Stand for CBME80B and CBME120

Local display

Blower for CBME80B and CBME120

SOFTWARE

Cloud Presentation Suite

More information: <https://eliasson.com/cps/>

SPARE PARTS

	Recommended number of operational and spare parts*		
	5 years	10 years	15 years
Power sensor board (standard)	1	1	1
Blower filter	5	10	15
Blower motor	0	1	1
Power unit board (standard)	1	1	1
Master unit CBME120	1	1	1
Master unit CBME80B	1	1	1
Set of fuses	0	1	1
Sender (Laser diode)	0	1	1

WARRANTY TERMS

Standard warranty - 12 months | Extended warranty up to 60 months (total) is available for extra charge

CONTACT INFORMATION

www.eliasson.com
sales@eliasson.com



*Recommendation is based for 1 unit. Please contact us to discuss your network needs