



## MODEL ELT80-110MHLED

(Fan/Dimmable LED Light with Motion and Humidity Sensor 80/110 CFM)



### Full Speed 6" duct:

80 CFM/0.5 Sones @ 0.1" SP, 7 Watts  
59 CFM/0.9 Sones @ 0.25" SP, 9 Watts

### Full Speed 4" duct:

70 CFM/0.7 Sones @ 0.1" SP, 7.5 Watts  
52 CFM/1.2 Sones @ 0.25" SP, 9 Watts

### Full Speed 6" duct:

110 CFM/0.7 Sones @ 0.1" SP, 10.3 Watts  
89 CFM/1.0 Sones @ 0.25" SP, 13 Watts

### Full Speed 4" duct:

100 CFM/1.0 Sones @ 0.1" SP, 11.5 Watts  
82 CFM/1.5 Sones @ 0.25" SP, 13 Watts



## Description

Low noise ceiling mount ventilating fan rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient. It is HVI, UL, and cUL certified to comply with ASHRAE 62.2 local and whole building continuous and intermittent operation. Meets CA Title 24 requirements.

## DC Motor/Blower

- Power rating of 120 volts/60Hz
- Motor equipped with thermal cutoff fuse
- Removable with permanently lubricated plug-in motor
- Full speed adjustable, 80 or 110 CFM
- When motion is detected, fan runs at full speed. When user leaves, fan remains running at full speed until delay time (10 minutes) has passed, then fan runs humidity control mode
- For humidity control mode, when humidity is above the user adjustable set-point, fan runs at full speed. When humidity is below the set-point, the fan runs continuously at a pre-set lower level (0, 50 or 80 CFM)
- Adjustable humidity set points between ~50% to ~80% RH
- Built-in soft start function to increase bearings' life
- Automatically powers OFF if impeller is locked abnormally

## Housing

- Galvanized steel body
- Detachable 6" diameter metal duct adapter
- Includes 6" to 4" duct reducer
- Built-in backdraft damper
- Easy installation with expandable extension bracket and foldable mounting bracket

## Grille

- Attractive design using ABS material
- Attaches directly to housing with torsion springs

## Light

- 13-Watt LED Light output 850 Lumens, 3000K, 90CRI
- Dimmable Lighting (dimmbable switch not included)

## LED Indicator

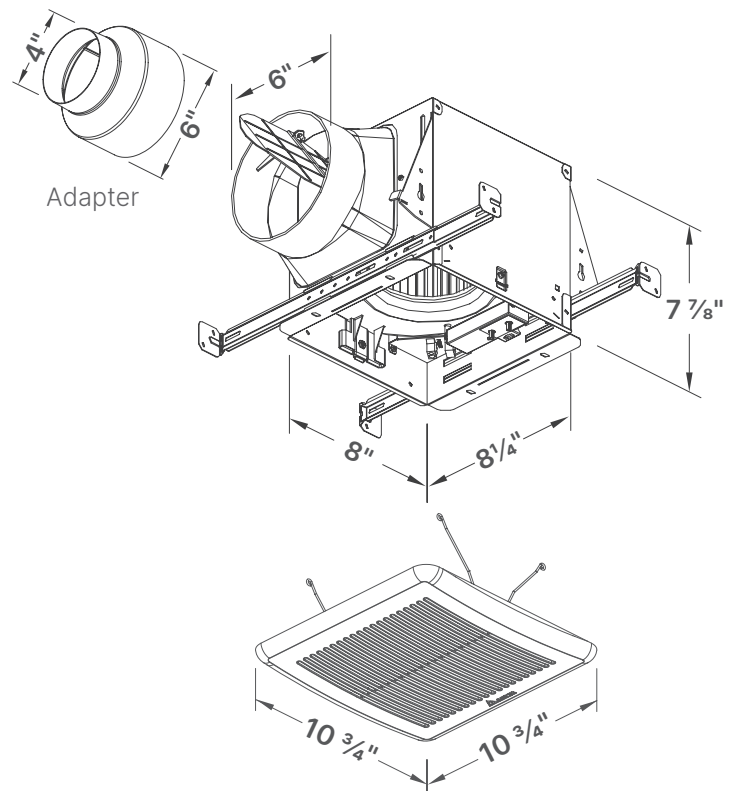
- The blue and amber LED indicator lights indicate the humidity sensor and full-speed modes are active

## Warranty

- 3-Year limited warranty

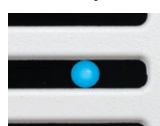
## TYPICAL SPECIFICATION

The ventilation fan ELT80-110MHLED features a Brushless DC Motor engineered to run continuously for a minimum of 70,000 hours. With a standard 6" duct, it boasts an airflow rating of 110 CFM and a sound rating of 0.7 Sones at 0.1" static pressure, certified by the Home Ventilating Institute (HVI). The fan operates with a power consumption of 10.3 Watts and achieves an efficiency rating of 10.6 CFM/Watt at 0.1" static pressure. Additionally, it includes motor lock protection and self-compensating motor speed to maintain intended airflow when encountering static pressure. The ELT80-110MHLED is UL and cUL listed for use in tub/shower enclosures when connected to GFCI-protected branch circuit wiring.



## LED Indicator

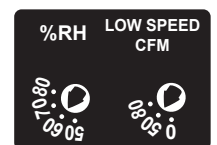
Humidity Sensor



Full Speed



## Built-in Control

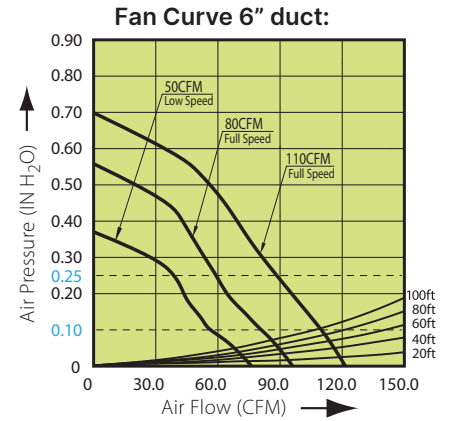




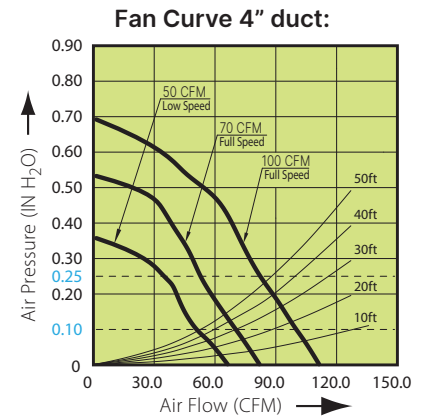
**MODEL ELT80-110MHLED**

(Fan/Dimmable LED Light with Motion and Humidity Sensor 80/110 CFM)

<b>BreezElite ELT80-110MHLED</b>		6" Duct Standard							
Fan Speed	Continuous Low Speed				Full Speed				
Static Pressure (Inches w.g.)	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	
Air Flow (CFM)	50	35	80	59	80	59	110	89	
Sones	0.3	0.8	0.5	0.9	0.5	0.9	0.7	1.0	
Power (Watts)	5	6	7	9	7	9	10.3	13	
Energy Efficiency (CFM/Watts)	10	5.8	11.4	6.5	11.4	6.5	10.6	6.8	
Current (Amps)	0.28 Max.								
Power Rating (V/Hz)	120 / 60								
Light (Watts/Lumens)	13 / 850								



<b>BreezElite ELT80-110MHLED</b>		4" Duct Standard							
Fan Speed	Continuous Low Speed				Full Speed				
Static Pressure (Inches w.g.)	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	
Air Flow (CFM)	50	34	70	52	70	52	100	82	
Sones	0.5	1.0	0.7	1.2	0.7	1.2	1.0	1.5	
Power (Watts)	5	6	7.5	9	7.5	9	11.5	13	
Energy Efficiency (CFM/Watts)	10	5.6	9.3	5.7	9.3	5.7	8.7	6.3	
Current (Amps)	0.28 Max.								
Power Rating (V/Hz)	120 / 60								
Light (Watts/Lumens)	13 / 850								



Models	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date: