

# EnduraMax™ Direct-Drive 57-Inch Fan



Let's grow together®

Chore-Time's 57-inch (145-cm) EnduraMax™ Direct-Drive Fan features a variable-speed, direct-drive motor for minimal maintenance and maximum efficiency.

## Low Maintenance

- EnduraMax™ Fans with direct-drive motor eliminate many common maintenance needs.
- No belts and pulleys to replace.
- No bearings to grease.
- Durable design of the EnduraMax™ Fan itself offers low maintenance and long-lasting performance.

## Energy Efficient

- Direct-drive design offers a superior level of efficiency for energy-minded growers.
- Even greater savings can be achieved due to variable speed functionality.



*With no belts, pulleys or bearings, the direct-drive motor eliminates many common maintenance needs.*



Count on Chore-Time for experience, reliability, performance and confidence.



*Chore-Time's 57-inch EnduraMax™ Direct-Drive Fan with HYFLO® Shutters features a variable speed motor to help maximize energy efficiency.*

## Variable Speed

- Variable frequency drive allows fan to operate at different speeds.
- Fan speed is controlled automatically by the CATALYST® Controller in combination with a variable frequency drive.
- Exponential energy savings can be achieved by slowing fan speed whenever air flow requirements allow.

## Fan Performance

- Efficiently produces one of the highest air flow ratings in the industry.
- Provides very consistent air flow as the wind speed varies.
- All EnduraMax™ Fan components were designed by Chore-Time to maximize overall fan efficiency.

## Proven EnduraMax™ Fan Design

- Direct-drive fans use Chore-Time's industry-leading ENDURA® Fan design.
- Features HYFLO® Shutters, which do not suffer the typical 12-15% loss of efficiency and air speed typical of dirty louver-style shutters, so air speed is maintained to the end of the flock, when you need it most.
- Durable long glass fiber composite shroud and HYFLO® Shutter Doors contain 35% fiberglass for strength.
- Extensive durability testing under both extreme high and extreme low temperatures.
- Black HDPE (high-density polyethylene) cone aids in light control.

# EnduraMax™ Direct-Drive Fan Specifications

## Composite Shroud & Shutter Doors / HDPE Cone

Direct-drive EnduraMax™ Fans efficiently produce one of the highest air flow ratings in the industry. Use a CATALYST® Controller, in combination with a variable frequency drive to achieve even greater energy savings by slowing the fan whenever air flow requirements allow.



*HYFLO® Shutters improve fan performance by minimizing obstructions during operation.*

*NOTE: Inside grill has been removed for photography only.*

STANDARD MOUNT		U.S. MEASURE				METRIC				Air Flow Ratio	BESS Lab Test No.	Power
Fan Kit Part No.	Speed Setting RPM / Hz	Static Pressure .10"		Static Pressure .15"		Static Pressure 25 Pa		Static Pressure 37 Pa				
		CFM	CFM/Watt	CFM	CFM/Watt	CMH	CMH/Watt	CMH	CMH/Watt			
57611-11* Tested at 60 Hz	630 / 84.0	35700	17.3	34200	15.7	60700	29.4	58200	26.7	0.88	24694	230V 1 Ph
	575 / 76.7	32700	20.0	30600	17.6	55500	33.9	52000	30.0	0.84		
	500 / 66.7	27500	23.9	25100	20.3	46800	40.7	42700	34.5	0.76		
	450 / 60.0	23900	27.0	20900	21.6	40700	45.9	35500	36.7	0.63		
	400 / 53.3	18800	26.9	13700	19.0	32000	45.7	23200	32.2	0.42		
	350 / 46.7	13700	27.0	8400	15.1	23400	45.9	14200	25.7	NA		

\*Note: fan sub-assembly 57611-1P and VFD 58142-1



**Let's grow together®**  
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