

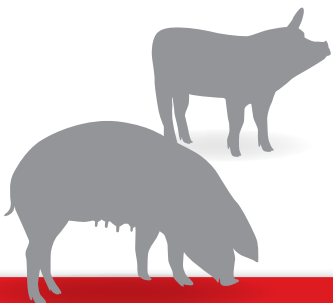
**CHORE-TIME**<sup>®</sup>



## **ENDURA<sup>®</sup> DIRECT-DRIVE 57-INCH (1448-MM) FAN**

**VARIABLE-SPEED, DIRECT-DRIVE MOTOR  
FOR MINIMAL MAINTENANCE AND  
MAXIMUM EFFICIENCY**

- › Low maintenance
- › Energy efficient
- › Variable speed
- › Fan performance



Chore-Time's 57-inch (1448-mm) ENDURA® Direct-Drive Fan features a variable-speed, direct-drive PMSM fan motor for minimal maintenance and maximum efficiency.

# ENDURA® DIRECT-DRIVE 57-INCH (1448-MM) FAN

## Low Maintenance

- › ENDURA® Fans with new direct-drive permanent magnet synchronous motor (PMSM) eliminate many common maintenance needs.
- › No belts and pulleys to replace.
- › No bearings to grease.
- › Durable design of the ENDURA® Fan itself offers 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.

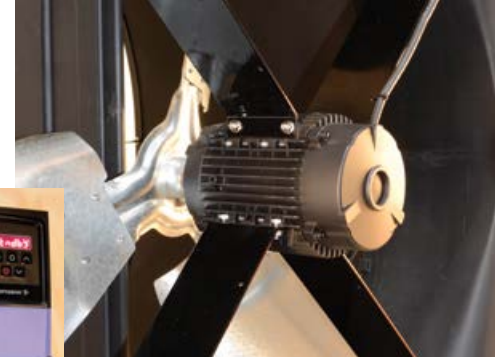
## Variable Speed

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

Variable frequency drive

## Fan Performance

- › Efficiently produces one of the highest airflow ratings in the industry.
- › Provides very consistent airflow as the



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

wind speed varies.

- › All ENDURA® Fan components were designed by Chore-Time to maximize overall fan efficiency.

## ENDURA® Direct-Drive Fan Specifications Composite Shroud & Shutter Doors/HDPE Cone

Direct-drive ENDURA® Fans with Chore-Time's HYFLO® Shutters efficiently produce one of the highest airflow ratings in the industry. Use a PigCentral® Controller, in combination with a variable frequency drive (shown above), to achieve even greater energy savings by slowing the fan whenever airflow requirements allow.

STANDARD MOUNT		U.S. MEASURE				METRIC				Air Flow Ratio	Bess Lab Test No.	230V Power
Part No.	Hz	Static Pressure .10"		Static Pressure .15"		Static Pressure 25 Pa		Static Pressure 37.5 Pa				
		CFM	CFM/Watt	CFM	CFM/Watt	CMH	CMH/Watt	CMH	CMH/Watt			
56555-1	41.8	32,000	19.7	30,500	17.6	54,300	33.6	51,900	30.0	0.86	20084	60 Hz 1 Ph
	38.1	28,900	22.5	27,100	19.7	49,000	38.3	46,100	33.5			
	33.0	24,400	27.5	22,100	23.0	41,400	46.8	37,600	39.1			
	28.1	18,200	29.8	14,800	22.5	31,000	50.6	25,200	38.3			
	23.2	11,900	31.8	6,600	15.9	20,300	54.0	11,300	27.0			
56555-2	42.0	32,100	20.0	30,400	17.7	54,500	34.0	51,600	30.1	0.86	20085	60 Hz 3 Ph
	38.2	28,800	22.8	27,100	19.9	48,900	38.8	46,100	33.7			
	33.2	24,400	27.6	21,900	22.7	41,400	46.9	37,200	38.6			
	28.2	18,300	29.9	14,700	22.4	31,100	50.8	25,000	38.1			
	23.2	11,400	30.5	6,500	15.5	19,400	51.8	11,000	26.4			
56555-2	42.0	31,800	19.8	30,500	17.9	54,100	33.7	51,700	30.4	0.86	20086	50 Hz 3 Ph
	38.2	28,700	22.6	27,000	19.9	48,900	38.4	45,900	33.9			
	33.2	24,200	27.1	21,900	22.6	41,100	46.0	37,200	38.5			
	28.2	18,300	30.0	14,600	22.3	31,000	51.0	24,800	37.9			
	23.2	11,500	31.0	6,400	15.7	19,600	52.7	10,900	26.6			

