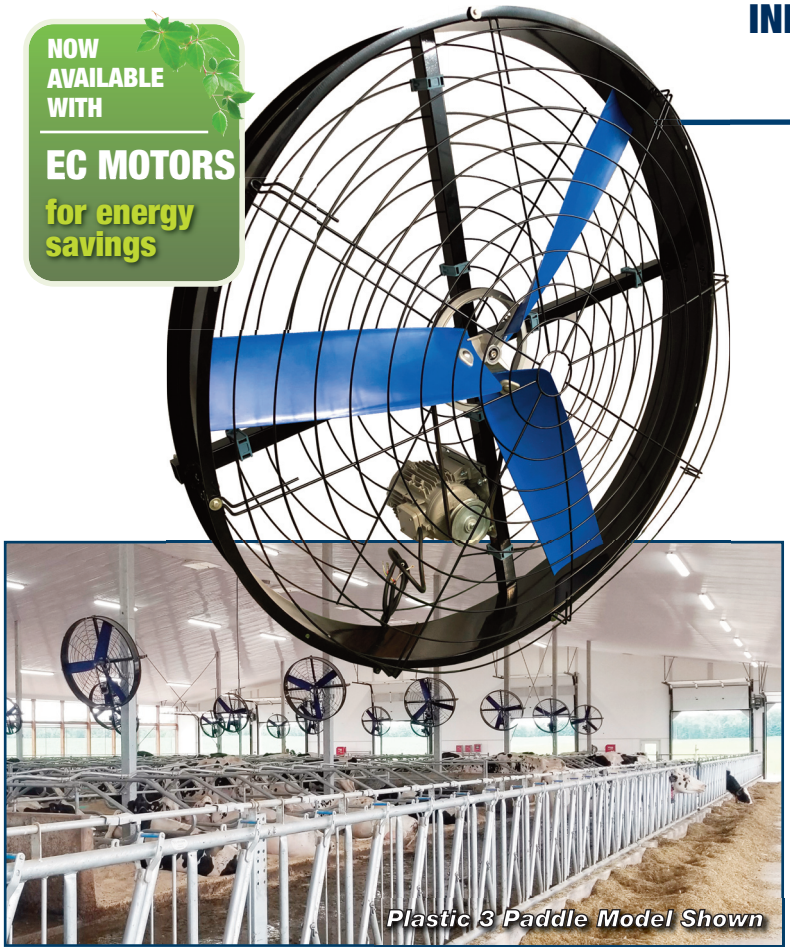
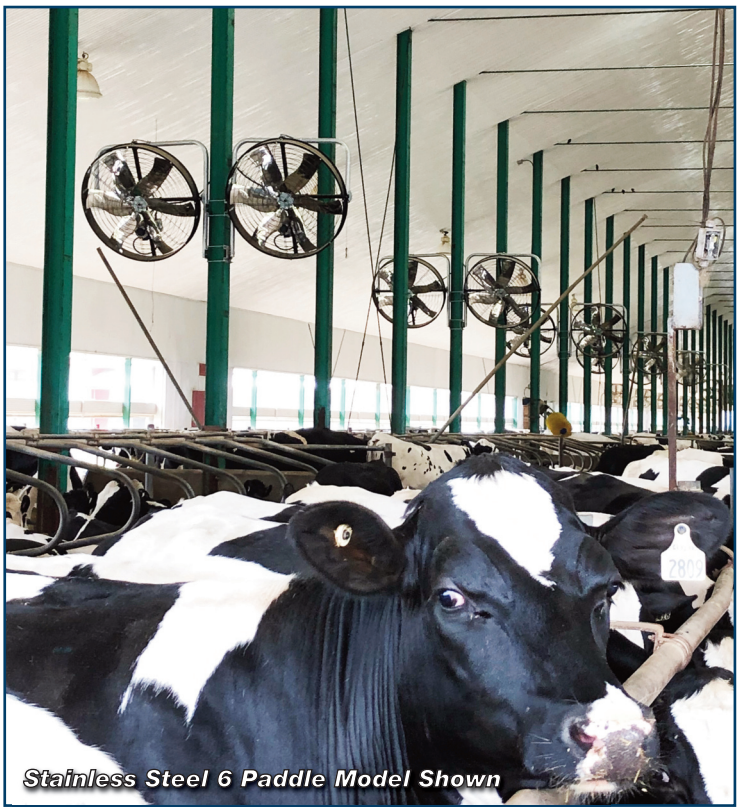
54" PANEL FANS

INNOVATIVE • LOW COST • LOW MAINTENANCE

IDEAL FOR DAIRY COW COOLING

NOW AVAILABLE WITH
EC MOTORS
for energy savings

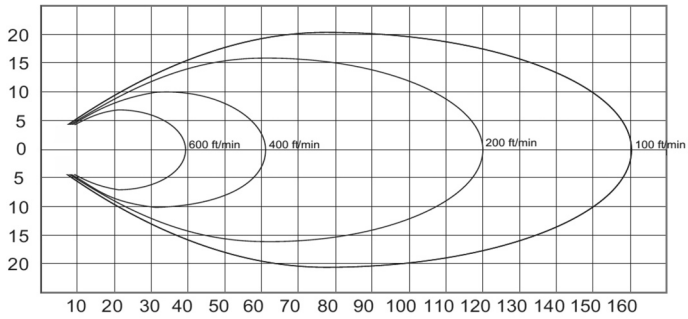




FEATURES

- New larger more rugged design.
- Strong, versatile and adjustable wall/post mount optional.
- Durable black powder coated finish.
- Comes with a ultra quiet and durable poly 3 paddle blade.
- Also available with 6 stainless steel paddles.

P54 1 HP MODEL



PERFORMANCE DATA & SPECIFICATIONS

MODEL	BLADE DIAMETER	BLADE MATERIAL	MOTOR SIZE	VOLTS	BLADE RPM	PHASE	CFM
PF54-A1-2019	54"	Plastic 3 Paddle	1 HP	230	600	1	28,000
PF54H-A1-2019	54"	Plastic 3 Paddle	1.5 HP	230	600	1	36,000
PF54-A1SS-2019	54"	Stainless Steel 6 Paddle	1.5 HP	230	600	1	36,000
PF54-AEC-2022	54"	Plastic 3 Paddle	1 HP	120/208/280	600	1 or 3	28,000

3 Phase options available upon request. Fan should be installed 10' from floor level. Post required to work with Canarm Mount should be 13' tall

CANARM LTD. - Corporate Office
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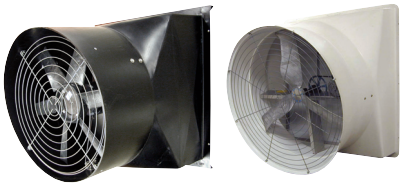
THE FIRST AND ONLY MOTOR OF ITS KIND IN THE AGRICULTURAL INDUSTRY

Our ECsmart Motor is an Electronically Commutated Motor. EC motors are electric motors that have permanent magnets on the rotor and use electronics to control the voltage and current applied to the motor.

Canarm brings you our latest innovation - the ECsmart motor featuring patent pending electronics. The result is an ENERGY EFFICIENT motor that runs COOLER than any other in the industry.

FEATURES

- The First EC motor that can be varied with existing 0-10v signal.
- Provides feedback for ventilation management.
- Can be retrofitted in any existing fan.
- Can be controlled by existing controls.
- Testing has confirmed power savings of 25-75%.
- ECsmart motors run cooler, virtually eliminating winding failures and increasing lifespan on the motor.
- Tested at BESS labs in our PLF and FG series fans.



PLF & FG models now available with EC motors.
See back page for details.

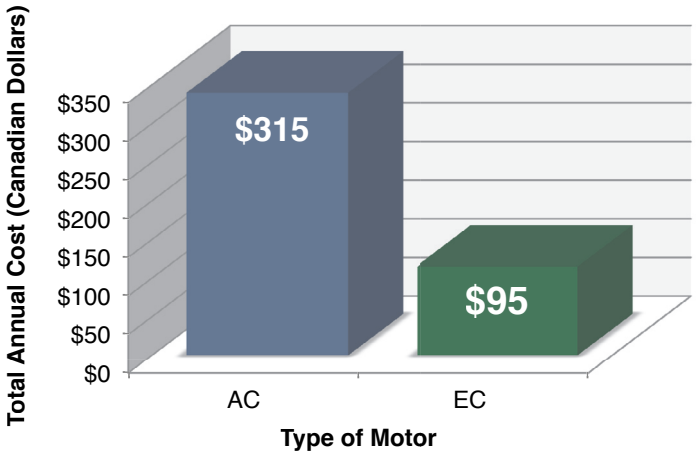
WARRANTY

Comes with a FULL 5 YEAR warranty.

EC VS. REGULAR MOTOR

Cost Savings (running at 60% speed)

Results show cost savings of a typical 24” fan using a regular motor vs a 24” fan using the ECsmart motor over a period of 365 days.



	FULL SPEED	60% SPEED
Typical AC Motor	536 W	324 W
ECsmart Motor	462 W	98 W
Input Cost of kWh	$0.19	$0.19
Input # hours per day	14 hrs/day	14 hrs/day
Total Annual Cost AC Motor	$520.40	$314.57
Total Annual Cost ECsmart Motor	$448.56	$95.15
Annual Savings by switching to ECsmart	**$71.84**	**$219.42**

Costs shown in Canadian dollars

ECsmart™

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