

AVI35

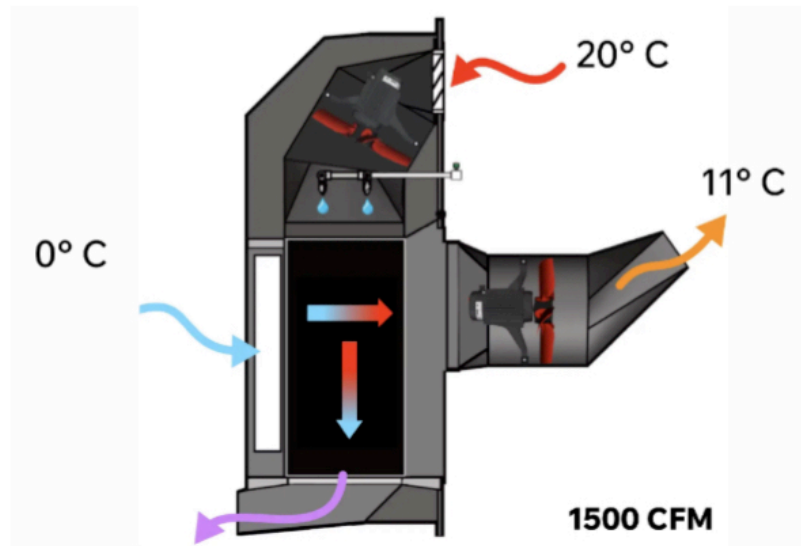


**CUT HEATING COST WITH
AVI35 HEAT EXCHANGER**

AVI ↔ AIR



The AVI35EC is a 1500 CFM cross flow plate exchanger that proposes an efficient and affordable solution to improve barn winter ventilation



Improve your bird performance with Avi-Air.

- ✓ Stainless steel washing system
- ✓ 0-10v or MODBUS communication
- ✓ IE5 efficient ECI ventilators
- ✓ Efficient and durable double heat exchange cores

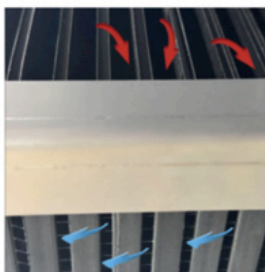


www.avi-air.ca

HOW DOES IT WORK ?

Two variable ECI ventilators forces two air flows to travel through independent pathways inside the exchange core.

The core consists of hundreds of small tubes that make up the air pathways. The warm moist air pathway is vertical and the cool fresh air pathway is horizontal. The key is that both tube pathway share a common wall.



As warm air flows along the exterior side of the tube, it heats up the latter tube wall. As fresh air flows along the interior side of the tube, it captures the heat stored in the wall. There you have heat exchange across the common wall

MODEL AVI35EC

Exhaust fan: 3200 RPM, 208 - 240V / 60Hz / I max 2.65 - 2.95 amps / 360 watt

Intake fan: 3200 RPM, 208 - 240V / 60Hz / I max 2.65 - 2.95 amps / 360 watt

Valve: 24 Volt DC / 0.77 amps / 18 watt

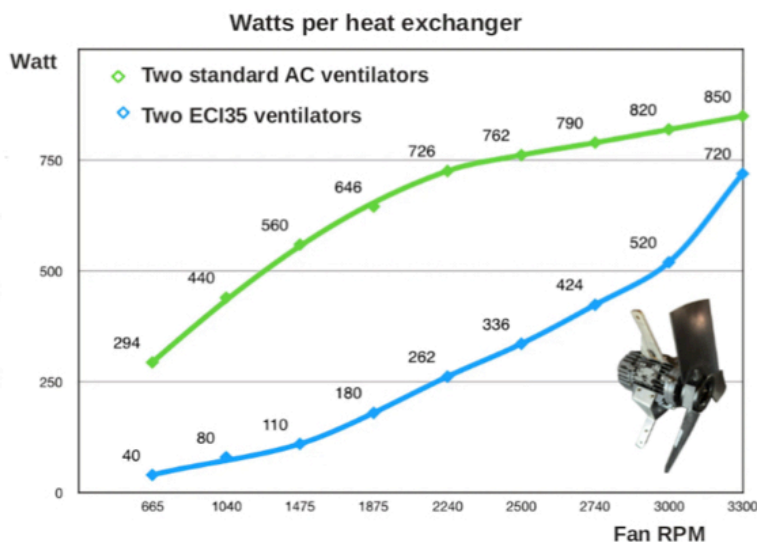
Air cross flow : min 400 CFM / max 1500 CFM

Fan Speed 25 %		Fan Speed 50 %		Fan Speed 100%	
Inside temp°	24°C	Inside temp°	24°C	Inside temp°	24°C
Outside temp°	-12°C	Outside temp°	-12°C	Outside temp°	-12°C
Exchange temp	15,7°C	Exchange temp	13,5°C	Exchange temp	8,1°C
Efficiency 77 %		Efficiency 71 %		Efficiency 55 %	



New MODBUS ECI35 ventilators

- Lower minimum speed tolerance
- Very low power consumption at low speeds
- Defrost fan reverse rotation simplified
- Real time RPM / CFM feedback
- Real time power feedback



"Lower energy consumption is only half of the benefits. Better air quality, dryer litter, basically healthier and consistent environment is a real plus." Jean Ranger St-Isidore , ON





Improve animal health and performance

Avi-Air is a leading Canadian manufacturer of air to air heat exchangers designed for farm buildings. Our most important objectives are to reduce our client's total energy cost, increase profitability and improve animal performance with heat exchanger ventilation.

Contact us today !

AVI ↔ AIR

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Your local dealer

