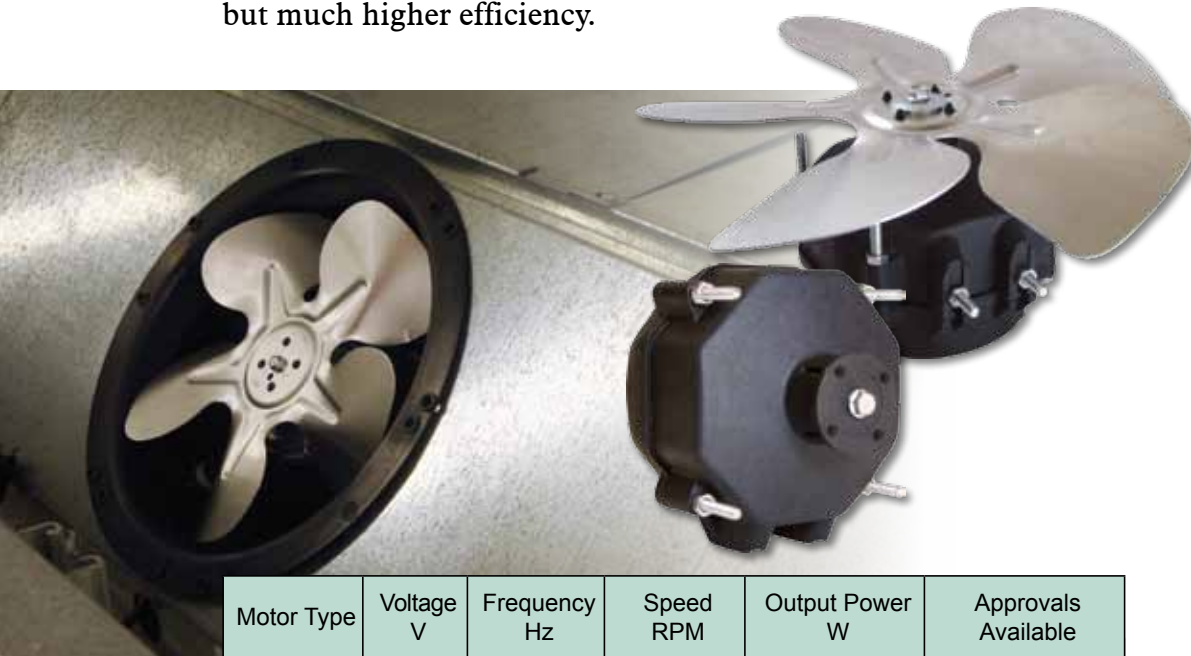


ECR ONE

Low Cost ECM Refrigeration Motor Fans

ENERGY SAVING REPLACEMENT FOR SHADED POLE AND PSC INDUCTION MOTORS

Electronically commutated retrofit solutions for refrigeration applications. ECR ONE motors have standard plastic accessories and the same exterior design as 5W shaded pole motors, but much higher efficiency.



Use
70%
less
energy

Motor Type	Voltage V	Frequency Hz	Speed RPM	Output Power W	Approvals Available
ECR 01A	115	60	1500, 1550, 2300	9,12,16, 23	UL, cUL, ATEX
ECR 01B	230	50-60	1300, 1500, 2300	12,16, 20, 25	CE, VDE, UL, cUL, ATEX, CCC

FEATURES:

- Electronically commutated (ECM)
- Integrated electronic control
- Drop in retrofit solution
- High efficiency
- Moisture resistant
- Timed reverse
- Payback < 1 year
- 2 speed NEW!
- ATEX NEW!
- High Speed NEW!

APPLICATIONS:

- Supermarket refrigerators
- Beverage merchandisers
- Vending machines
- Other condenser and evaporator applications
- Walk-in coolers and freezers

MAIN OFFICE - USA
1407 Barclay Blvd
Buffalo Grove, IL 60089
Toll free: 888 786 4153

WEBSITE: www.wdtl.com

ESTORE: www.wdtlstore.com

Drop in Replacement of Shaded Pole and PSC Motors

- Same size as a 5W shaded pole motor
- Standard speed and direction of rotation
- Standard mounting systems
- Standard plastic and metal accessories range
- Lyall plug

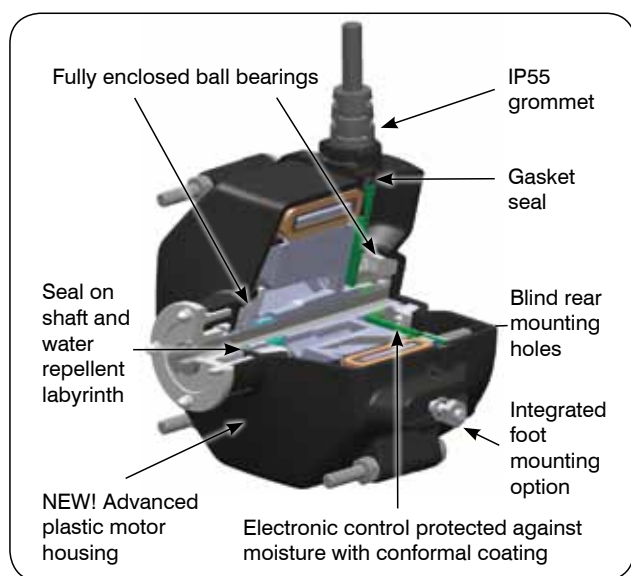
Benefits

Energy Saving

Much higher efficiency than shaded pole and PSC motors. Motor “cool” operation mean less heat in the refrigerator. Energy savings of ~ 70%.

Moisture and Dust Protection

ECR ONE are IP55 motors designed to operate in a high moisture environment. The advanced plastic housing allows us to achieve the highest moisture resistance. Features include:



Electronic Control Safety Features

ECR ONE fully integrated electronic controls are provided with a thermal protector for longer motor life and improved reliability.

2 Speed Additional Savings

ECR 01A and ECR 01B 2 speed motors can be used to reduce power consumption and thermal losses in walk-in coolers, by switching the fan to low speed when the evaporator is not in a cooling cycle. Fan power consumption is proportional to fan speed cubed, so during compressor-off periods a fan running continuously at part speed uses less power than one running intermittently at full speed, and much less power than one running continuously at full speed.

Bearings

Fully enclosed, long life ball bearings. 60,000 hours design life at +68°F.

Mounting Position

ECR ONE are equipped with ball bearings and can be mounted in any position.

ATEX Certified

ECR ONE motors can be used in applications using hydrocarbon refrigerants, which can offer higher efficiency, as well as, a more environmentally sound product.

Operating Temperature

-22°F to +122°F.

Materials

Advanced plastic housing. ECR ONE are built using 30% less copper and 80% less steel for a greener, more affordable electronically commutated (ECM) solution.

Product Dimensions:

