

Reduce your carbon foot print and electricity bill at the same time. Become more environmentally friendly! The ECM series allows efficiency rates up to 70%, 4-5 times more efficient than a traditional shaded pole fan motor. Higher efficiency means cooler motor operation, longer bearing expected life and reduced heat delivered to the refrigeration cycle, for a combined energy saving advantage and improved refrigeration quality.

The ECM-IP Series is widely used in industrial and commercial refrigeration for condensing and evaporating units, food and beverage coolers, freezers, supermarket display cases, walk-ins and reach-ins.



Features

Increased life:

Life expectancy of 60,000+ hrs. with our sealed ball bearing option.

Moisture protection:

The ECM series offers IP65 & IP66 moisture protection grade, one of the highest in the industry.

Wide range of CFM:

Choose among three different factory preset RPM options and a wide range of fan blades from 6 to 10 inches diameter and various pitches, to satisfy all CFM needs.

Multiple mounting:

Compatible with ELCO's standard accessories, giving higher flexibility in motor mounting. Installation on a shroud, a grid or a mounting bracket.

Drop in replacement:

The ECM-IP Series motor is a direct drop-in replacement to our shaded pole motor (NU series) for an easy and hassle free "green turn".

Modular Design

Designed to mount ELCO standard (and third party) or integrated design fan blades, for extreme application flexibility and to cover a wide range of performance requirements.

Compact design:

The ECM compact design with its integrated plastic fan blade is ideal for reduced space depth applications.

Stock #	Watt	Volt	RPM	Amp	ELCO OEM #	Type	A dim.	Cord length	Term. / Plug.
EC-HE-0147	12	115	1450	0.18	EDA12153UC0147	A	3.61"	14"	3pin 90°
EC-HE-0170	12	115	1450	0.18	EDA12153UN0170	B	3.62"	14"	3pin 90°
EC-HE-0176	15	115	1600	0.22	EDA15253UC0176	A	4.00"	16"	2pin 90°
EC-HE-0182	10	115	1550	0.19	EDA10153UC0182	A	3.61"	16"	2pin 90°

Cross Reference

Part #	OEM Name	OEM #
EC-HE-0147	Arneg Canada & US	34410013 , 34410009, 24681010
EC-HE-0170	Arneg Canada & US	34410012 (for fan 34415010)
EC-HE-0176	Hill Phoenix	P078449H
EC-HE-0182	Hill Phoenix	P079441C, P066237A

Motors Are Sleeve Bearing Unless Indicated - Rotation Determined Opposite Shaft End (Double Shaft Determined By Lead End)

For more information refer to Rotom 2011 Cooling Motor Catalogue