

Evaporator/Condenser

The Unitronix Double Duty is an electronically commutated motor that brings outstanding energy savings to the refrigeration market in the form of a direct drop-in replacement for practically all unit bearing motors. No additional labor or sheet metal work is required to replace an existing shaded pole unit bearing motor with a Unitronix Double Duty.

Heat in a refrigerated space has always been a necessary evil in the food marketing industry. Lights, motors and defrost heating elements are the culprits. But, heat shortens food storage life and adds to the load placed on the refrigeration system. The new Unitronix Double Duty dramatically reduces (by as much as 75%) the waste heat generated by refrigerated case evaporator motors.

Features:

- Special wide temperature range lubrication system
- High capacity oil reservoir spiral grooved shaft for efficient distribution of oil to the bearing surface
- Mounting hardware included
- Water shield included
- Tapped & Drilled Mounting Holes:

Universal Evaporator Mount

- Standard 3-Hole
- Custom 4-Hole Hussmann Style

Universal Condenser Mount

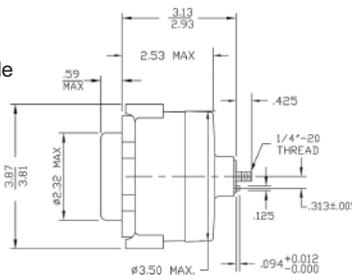
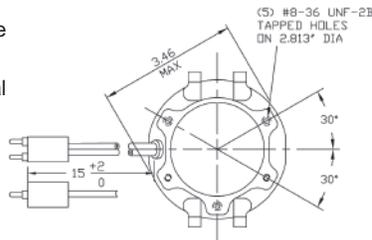
- Double Boss

Specifications:

- 1550 RPM standard
- Cast iron
- Unit bearing
- EMF P-2-1A lyall power plug
- 15" Leads
- UL file no. E128044



The universal 5 rear mounting hole configuration and the double boss with 4 drilled and tapped mounting holes on each boss mean no additional labor or sheet metal work!



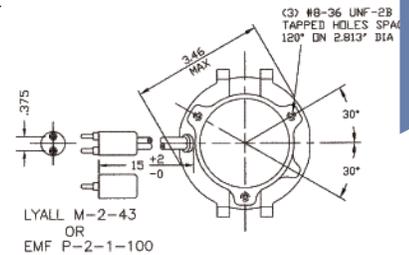
ECM 51 Frame Commercial Refrigeration Motors



EM&S manufactures an ECM unit bearing construction motor that can serve as a drop-in replacement for the obsolete GE 55/44 frame ECM 1650 or 1850 rpm motor. This motor is available in a 9 watt and a 16 watt version. This promises substantial energy savings and potentially fast pay-back on the cost of conversion.

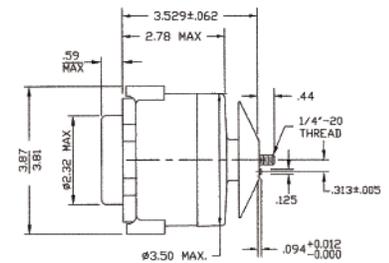
Features:

- Ultra high efficiency
- Improved reliability
- Enhanced airflow performance
- Energy savings of 66 percent over a wide speed range
- Low operating temperature
- Lyall plug or EMF plug
- Accessories included with each motor; (1) speed nut, (1) resilient fan silencer, (3) 8-36 mounting screws, (1) rainshield
- Replaces GE ECM 55/44 frame motors



Specifications:

- Totally enclosed air over
- Unit bearing
- 1/4" - 20 Threaded shaft
- 60/50 Hertz



ECM installation's average annual energy savings versus shaded pole motors

05443	\$ 35
05444	\$ 55

@ 8¢ KWH and 1.75 multiplier on energy saving

MARS NO.	WATTS	RPM	ROT OSE	VOLTS	AMPS	LEAD LENGTH
05443	9	1650	CW	115	0.32	12"
05444	16	1850	CW	115	0.40	12"

MARS NO.	APPLICATIONS	OUTPUT WATTS	VOLTS	NOMINAL AMPS	ROT SE	RPM	MARS PACK
00621	Evaporator/Condenser	6-12	115	0.25	CW	1550	1
00621BULK	Evaporator/Condenser	6-12	115	0.25	CW	1550	6
00622	Evap/Cond, 90° Lyall Plug	6-12	115	0.25	CW	1550	1
00624	Evaporator/Condenser	14-16	115	0.50	CW	1550	1
00625	Evap/Cond, 90° Lyall Plug	14-16	115	0.50	CW	1550	1