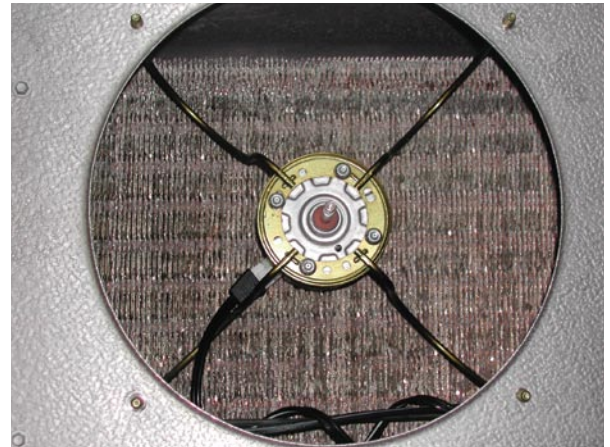


National Resource Management DATA SHEET

NRM ME-100 Evaporator Fan Replacement Motor

The NRM ME-100 Evaporator Fan Replacement Motor uses ebm-Papst patented EC technology to provide continuous airflow with constant speed. The ME-100 motor design has completely integrated electronics and is available in both 115v and 230v single phase configuration. The ME-100 is moisture protected suitable for the commercial refrigeration industry and is designed with ball bearings for smooth and quiet operation. The 5/16-inch carbon steel shaft is coated in zinc phosphate, which inhibits rusting. The installation process is simple due to mounting bracket versatility. The ME-100 contains a built in sealed power cord that is thermally protect against transient water exposure up to 95% humidity.



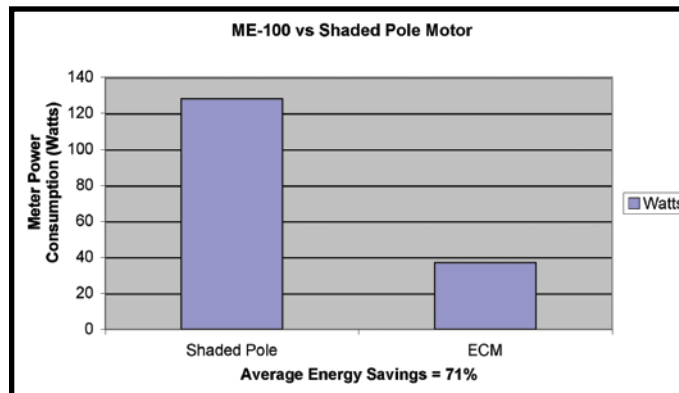
NRM Model Numbers

ME 100-1CWSE1STD

115 Volt, CWSE

ME 100-2CWSE1STD

230 Volt, CWSE



The ME-100's power consumption is significantly lower than comparable PSC and shaded pole motors. Chart 1 shows the metered performance of one ME-100 compared to one shaded pole motor in an evaporator coil of a walk-in cooler. As the graph shows, the ME-100 uses 71% less energy than the shaded pole motor it replaced.

The overall savings from the ME-100 is further amplified since there is less heat from the motor introduced into the refrigerated space. In total, each ME-100 saves over 1,200 kWh per year versus its shaded pole counterpart.

