

Mealstream 402M 208v 60Hz FCC Approval

Operational Description

The Mealstream 402M (402M2086DK1GMUS, FCC ID: PCV402M2086DK1GM) is a combination microwave oven intended for commercial use. The oven is used to either reheat or prime cook food. The oven has two heat sources available; a 2.5kW dual resistive heating element located at the rear of the oven cavity, and two magnetrons which launch /produce microwave energy from the top of the cavity.

Energy is evenly distributed in the cavity via a convection fan whereas microwave energy is circulated by a rotating stirrer antenna located in a sealed roof section of the oven.

A micro-controller facilitates control of the oven and allows for specific microwave powers, cavity temperatures or pre-programmed combinations to be enabled via the user interface keypad .

Microwave Power

0%, 25%, 50%, 75%, 100%

Cavity Temperature

Typically, 540°F working temperature

Since both energy sources can be used in combination, this results in an oven which has the speed of a microwave and yet yields a traditional cooking result.

Microwave leakage is prevented by utilising a welded cavity and a door with a intrusive 1/4 wave trap system. The door is monitored by a primary and secondary interlock system.