JO-LO®

EFFECTIVE OCT. 1965

REMO-THERM SYSTEM

The REMO-THERM System is a new concept of heating the shortening in a donut machine. The system consists of a heater and a kettle. The gas-firing tubes have been eliminated and the bottom of the kettle now becomes the source of heat. This is accomplished by having the bottom of the kettle made of solid stainless type 304 steel plate coils through which a Heat Transfer Fluid is pumped at the proper rate (gallons per minute) and the proper temperature to maintain frying.

The Heat Transfer Fluid presents no scale or sludge problems. The fluid is thermally stable, chemically inert, non-corrosive and non-volatile. This Heat Transfer Fluid is heated in a separate heater, which can be located within any reasonable distance from the Donut Machine and circulated continuously through insulated piping to the frying kettle and returned for re-heating to the heater. This is a completely closed system.

The REMO-THERM Frying System uses the very minimum of heat necessary to fry donuts. Experience has shown that a Heat Transfer Fluid temperature of about 500° F. is sufficient in most applications. This means that at no time is the shortening exposed to localized overheating, excessive surface temperature or hot spots.

REMO-THERM makes it possible for the temperature of the frying fat to be controlled with a limited fluctuation. This even control of heat and the unusual control of the temperature of the frying fat results in greater uniformity of color and greater uniformity of cell structure. This uniformity of cell structure results in the finished donut having a greater expansion.

The absence of tubes in the REMO-THERM System makes it possible to easily remove the conveyor and clean out the kettle. This makes for much better sanitation, quicker and more effective cleaning of the kettle.

In addition, by having a heating system that makes it impossible for the fat to ever get over 450° F. which make it impossible for a kettle fire to occur. The REMO-THERM System is approved by Factory Insurance Associates (F.I.A.) which is considered to have the highest fire safety standards.

REMO-THERM is a JOE LOWE COMPANY TRADEMARK

DSW 343524

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