

## Equipment Description

The Groen TDB/7 is a table top, tilting, steam jacketed kettle with a thermostatically controlled, self-contained, electrically-heated steam supply and appropriate controls, mounted on a sturdy base. The Model TDB/7 is available in 20 or 40 - quart capacity.

The body of the TDB/7 Kettle is constructed of stainless steel, welded into one solid piece. The kettle is furnished with a reinforced rim and a butterfly shaped pouring lip. It has a steam jacket rated for working pressures up to 50 PSI. Kettle finish is 180 emery grit on the inside and bright semi-deluxe on the outside. A tilt handle allows the operator to manually tilt the kettle body in a controlled manner. Pouring height accepts pans up to 4 inches high on a table top.

A built-in steam generator, sized for the kettle capacity and heated by electricity, delivers steam into the jacket. "Airless" operation of the steam jacket permits uniform, efficient heating at temperatures as low as 150°F and as high as 295°F. In addition to the adjustable thermostat for operating control, the unit has a tilt cut-off switch, low water cut-off, safety valve, and high-limit pressure switch as safety features. A heating indicator light, pressure gauge, and sight glass are provided for monitoring kettle operation.

A single electrical connection is required for installation. The unit may be ordered for use with 208/240 or 480 volt power. All kettles are wired for three-phase operation. For single-phase conversion, see the wiring diagrams in this manual.

<b>KETTLE CHARACTERISTICS</b>				
	TDB/7-20+		TDB/7-40	
Kettle Capacity	20 qts.	18.8 liters	40 qts.	37.6 liters
Jacket Capacity	4 qts.	3.7 liters	5 qts.	4.7 liters
Diameter	14"	36 cm	16-1/2"	42 cm
Depth	11"	28 cm	14-1/4"	36 cm
K.W. at 208 V	6.3		10.8	
K.W. at 240 V	8.4		14.4	
K.W. at 480 V	6.3		12.0	
Base Width	24"	60 cm	24"	60 cm
Base Depth	16"	41 cm	16"	41 cm