

ELECTRIC TILTING KETTLE

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SPECIFICATIONS:

Shall be a Nella Model _____, self-generating, electric tilting kettle. A double wall kettle interior shall form a steam jacket around the lower 2/3 of the kettle. The jacket enclosure shall contain distilled water which is factory sealed. The bottom of the kettle shall be of hemispherical design for superior heat circulation.

The console shall be drip proof, stainless steel clad and shall be supported on all welded 1-58" (41 mm) diameter stainless steel pipe frame and the legs fitted with 4 hole adjustable feet for securing to the floor.

The kettle shall pivot on trunnion connected to the tilt mechanism and the out-bore bearing connected to the frame and shall permit the kettle to tilt forward a full 90° for complete emptying. The tilt mechanism shall be self locking for positive stop action.

Construction shall be all welded #4 finish stainless steel, type 304. The kettle interior on models 20 through 40 gallon shall be standard stainless steel type 316 for high acid content cooking. The controls shall be integrally mounted and shall include a power switch, thermostat, pilot light, low water light, vacuum/pressure gauge, safety relief valve, and low water shut off.

The kettle shall be standard with removable elements. The kettle shall operate in a temperature range of 165°F to 285°F (74°C to 140°C) at a maximum pressure of 50 psi (345 kPa).

Model	Capacity	
ELT-20	20 gallon	76 litre
ELT-30	30 gallon	114 litre
ELT-40	40 gallon	151 litre
ELT-60	60 gallon	227 litre
ELT-80	80 gallon	303 litre
ELT-100	100 gallon	379 litre

OPERATION SHALL BE BY:

Electrically, self-generating closed steam system operating at 50 psi (345 kPa) equipped for operation on:

- ☐ 208 VAC, 1 phase, 50/60 Hz. (20 and 30 gallon only)
- ☐ 208 VAC, 3 phase, 50/60 Hz.
- ☐ 220 VAC, 1 phase, 50/60 Hz. (20 and 30 gallon only)
- ☐ 220 VAC, 3 phase, 50/60 Hz.
- ☐ 240 VAC, 1 phase, 50/60 Hz. (20 and 30 gallon only)
- ☐ 240 VAC, 3 phase, 50/60 Hz.
- ☐ 380/220 VAC, 3 phase, 4 wire, 50/60 Hz.
- ☐ 415/240 VAC, 3 phase, 4 wire, 50/60 Hz.

OPTIONAL ITEMS AT EXTRA COST:

- ☐ 380 VAC, 3 phase, 50/60 Hz.
- ☐ 415 VAC, 3 phase, 50/60 Hz.
- ☐ 480 VAC, 3 phase, 50/60 Hz.
- ☐ 600 VAC, 3 phase, 50/60 Hz.
- ☐ 24 kW on 40, 60, 80 gallon
- ☐ 33 kW on 60, 80, 100 gallon
- ☐ Type 316 stainless steel liner for high acid cooking for 60 to 100 gallon models.
- ☐ 2" (50 mm) draw-off valve (TVT-2).
- ☐ 3" (76 mm) draw-off valve (TVT-3).
- ☐ 2" (50 mm) dairy valve (DDO-2T).
- ☐ 3" (76 mm) dairy valve (DDO-3T).
- ☐ Spring assist hinged stainless steel cover (CH-)
- ☐ Etched gallon markings (GM-)
- ☐ Etched litre markings (LM-).
- ☐ Correctional package

ACCESSORIES:

- ☐ One piece lift off stainless steel cover (C-).
- ☐ Triple basket assembly (TBA-).
- ☐ Perforated strainer for draw off (TPS-).
- ☐ Solid disc for draw off (TSS-).
- ☐ Graduated measuring strip (CMS-).
- ☐ Strainer hook (SH-)
- ☐ Single pantry faucet with swing spout (SF-18).
- ☐ Double pantry faucet with swing spout (DF-18).
- ☐ Pan support (PC-1).
- ☐ Pour lip strainer (TKS-).
- ☐ Draw-off valve hose kit (DVHK-2).
- ☐ Calibrated thermostat dial, "F"
- ☐ Calibrated thermostat dial, "C"



SERVICE CONNECTIONS

⚡ – ELECTRICAL CONNECTION TO BE AS SPECIFIED ON DATA PLATE

💧 – COLD WATER: 3/8" O.D. tubing to faucet (OPTIONAL)

🔥 – HOT WATER: 3/8" O.D. tubing to faucet (OPTIONAL)

ELECTRICAL CHARACTERISTICS

Available kW			AMPS PER LINE								
MODEL	STD.	OPT.	kW	PHASE	208V	220V	240V	380V	415V	480V	600V
ELT-20	12	N/A	12	1	57.7	54.5	50.0	N/A	N/A	N/A	N/A
ELT-30	15	N/A		3	33.3	31.5	28.9	18.2	16.7	14.4	11.6
ELT-40	18	24	15	1	72.1	68.2	62.5	N/A	N/A	N/A	N/A
ELT-60	18	24, 33		3	41.6	39.4	36.1	22.8	20.9	18.0	14.5
ELT-80	18	24, 33	18	3	50.0	47.2	43.3	27.3	25.0	21.7	21.7
ELT-100	24	33	24	3	66.6	63.0	57.7	36.5	33.4	28.9	23.1
			33	3	91.6	86.6	79.4	50.1	45.9	39.7	31.8

DIMENSIONS

MODEL	CAPACITY	UNITS	A	B	C	D	E	F	G	H	J(2")	J(3")	K(2")	K(3")	L	M
ELT-20	20 U.S. gal. 76 litres	inches mm	21 533	18 457	38 965	36 914	15 381	18 457	14 356	19.25 489	14.75 375	15.5 394	18 457	17.5 445	N/A	63.5 1613
ELT-30	30 U.S. gal. 114 litres	inches mm	24 610	20 508	38 965	39 990	16.5 419	19 483	12.375 314	19.25 489	16.75 425	17.25 438	16 406	15.5 394	N/A	66.5 1689
ELT-40	40 U.S. gal. 152 litres	inches mm	26 660	22.5 572	38 965	41 1041	17.5 445	23 584	10 254	20.25 514	17.5 445	18.5 470	13.5 343	13 330	N/A	68.5 1740
ELT-60	60 U.S. gal. 227 litres	inches mm	29.5 746	26 660	42 1067	44.5 1130	19.125 486	24 610	11 280	22.25 565	19.5 495	20.75 527	14 356	13.5 343	10.5 267	76 1930
ELT-80	80 U.S. gal. 303 litres	inches mm	33 838	28 711	45 1143	48 1219	20.875 530	27 686	12.625 321	23.75 603	20.25 514	21.25 540	15 381	14.5 368	12 305	82.5 2096
ELT-100	100 U.S. gal. 379 litres	inches mm	35.5 902	29.75 755	48.75 1238	49.5 1257	22.25 565	32 813	14.5 368	25.25 641	20.25 514	21.25 540	18.75 476	18.25 464	14 356	88.5 2248

