

ELECTRIC TRI-LEG KETTLE

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SPECIFICATIONS:

Shall be a CROWN Model _____, self-generating, electric, tri-leg 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. Kettle will be mounted on 3 stainless steel tubular legs fitted with a 4-hole adjustable foot for securing unit to the floor.

Construction shall be all welded #4 finish stainless steel, type 304. The liner on models 20 through 40 gallon shall be standard 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. Convenience features shall include a 2" (50 mm) draw-off valve, 20 through 40 gallon models are supplied with a hinged counterbalanced stainless steel domed cover. The 60 through 100 gallon models are supplied with a spring assist hinged stainless steel domed cover. The kettle shall be ASME Code stamped, National Board Registered, c-CSA-us and NSF certified.

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	kW	Capacity	
EL-20	12	20 Gallon	76 Litre
EL-30	15	30 Gallon	114 Litre
EL-40	18	40 Gallon	151 Litre
EL-60	18	60 Gallon	227 Litre
EL-80	18	80 Gallon	303 Litre
EL-100	24	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. (12 to 18 kW only)
- ☐ 208 VAC, 3 phase, 50/60 Hz.
- ☐ 220 VAC, 1 phase, 50/60 Hz. (12 to 18 kW only)
- ☐ 220 VAC, 3 phase, 50/60 Hz.
- ☐ 240 VAC, 1 phase, 50/60 Hz. (12 to 18 kW only)
- ☐ 240 VAC, 3 phase, 50/60 Hz.
- ☐ 380/220 VAC, 3 phase, 50/60 Hz. 4 wire
- ☐ 415/240 VAC, 3 phase, 50/60 Hz. 4 wire

OPTIONAL ITEMS AT EXTRA COST:

- ☐ Type 316 stainless steel liner for high acid cooking on 60 to 100 gallon models.
- ☐ 3" (76 mm) draw-off valve (TVS-3).
- ☐ 2" (50 mm) dairy valve (DDO-2S).
- ☐ 3" (76 mm) dairy valve (DDO-3S).
- ☐ 24 kW on 40, 60, 80 gallon.
- ☐ 33 kW on 60, 80, 100 gallon
- ☐ 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.
- ☐ Spring assist hinged stainless steel cover, 20 to 40 gallon (SA-).
- ☐ Two piece hinged stainless steel cover (2PHC-).
- ☐ Etched gallon markings (GM-).
- ☐ Etched litre markings (LM-).
- ☐ Correctional package.

ACCESSORIES:

- ☐ Single pantry faucet with swing spout (SF-12).
- ☐ Double pantry faucet with swing spout (DF-12).
- ☐ One piece lift off cover (C-).
- ☐ Triple basket assembly (TBA-).
- ☐ Perforated strainer for draw-off (TPS-).
- ☐ Solid disc for draw-off (TSS-).
- ☐ Strainer hook (SH-).
- ☐ Graduated measuring strip (CMS-).
- ☐ Draw-off valve hose kit (DVHK-2).
- ☐ Calibrated thermostat dial "F".
- ☐ Calibrated thermostat dial "C".

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SERVICE CONNECTIONS

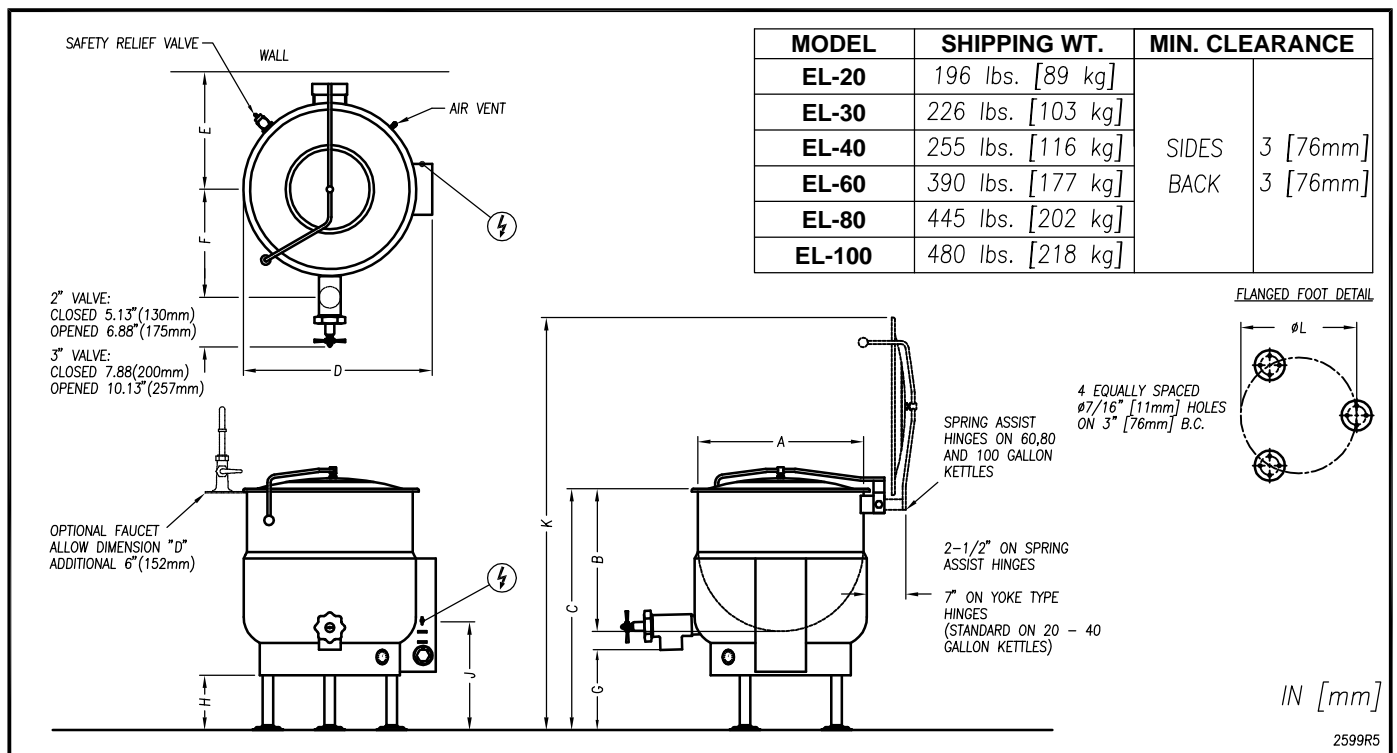
⚡ – ELECTRICAL CONNECTION TO BE AS SPECIFIED ON DATA PLATE

ELECTRICAL CHARACTERISTICS

Available kW			AMPS PER LINE								
MODEL	STD.	OPT.	kW	PHASE	208V	220V	240V	380V	415V	480V	600V
EL-20	12	N/A	12	1	57.7	54.5	50.0	N/A	N/A	N/A	N/A
EL-30	15	N/A		3	33.3	31.5	28.9	18.2	16.7	14.4	11.6
EL-40	18	24	15	1	72.1	68.2	62.5	N/A	N/A	N/A	N/A
EL-60	18	24, 33		3	41.6	39.4	36.1	22.8	20.9	18.0	14.5
EL-80	18	24, 33	18	1	86.5	81.8	75.0	N/A	N/A	N/A	N/A
EL-100	24	33		3	50.0	47.2	43.3	27.3	25.0	21.7	21.7
			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(2")	F(3")	G(2")	G(3")	H	J	K	L
EL-20	20 U.S. gal. 76 litres	inches mm	21 533	18 457	38 965	23.75 629	18.5 470	14.75 375	15.5 394	18 457	17.5 445	14 356	21 533	60.5 1537	16.75 425
EL-30	30 U.S. gal. 114 litres	inches mm	24 610	20 508	38 965	27.75 705	20 508	16 406	16.5 419	15.75 400	15.25 387	12.5 318	19 483	63.5 1613	18.312 465
EL-40	40 U.S. gal. 152 litres	inches mm	26 660	22.5 572	38 965	29.75 756	21 533	17 432	18 457	13.5 343	13 330	9 229	17 432	65 1651	19.938 506
EL-60	60 U.S. gal. 227 litres	inches mm	29.5 749	26 660	42 1067	33.75 857	19 483	18 457	19.25 489	14 356	13.5 343	11 280	17.25 438	75 1905	23.125 587
EL-80	80 U.S. gal. 303 litres	inches mm	33 838	28 711	45 1143	36.75 933	20.5 521	19.5 495	20.5 521	15 381	14.5 368	12.75 324	18 458	81 2058	26.25 667
EL-100	100 U.S. gal. 379 litres	inches mm	35.5 902	30 762	48 1219	40 1016	22 559	21.5 546	22.5 572	15 381	14.5 368	13 330	20.5 521	87 2210	29.438 748



BRANCHEMENT DES SERVICES

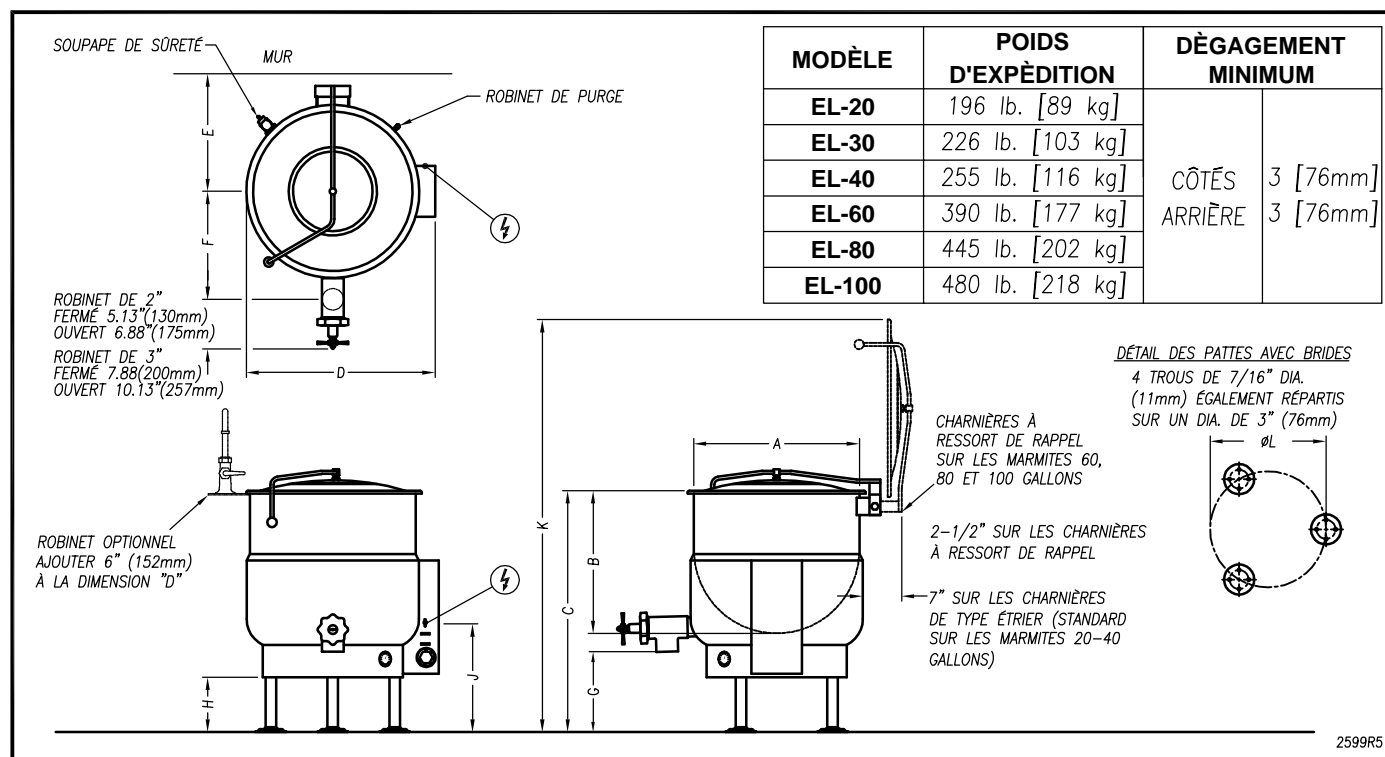
⚡ – LA CONNEXION ÉLECTRIQUE SERA EFFECTUÉE TEL QUE SPÉCIFIÉ SUR LA PLAQUE SIGNALÉTIQUE.

CARACTÉRISTIQUES ÉLECTRIQUES

kW disponibles			TABLEAU DES AMPÉRAGES								
MODÈLE	STD.	OPT.	kW	PHASE	208V	220V	240V	380V	415V	480V	600V
EL-20	12	N/A	12	1	57.7	54.5	50.0	N/A	N/A	N/A	N/A
EL-30	15	N/A		3	33.3	31.5	28.9	18.2	16.7	14.4	11.6
EL-40	18	24	15	1	72.1	68.2	62.5	N/A	N/A	N/A	N/A
EL-60	18	24, 33		3	41.6	39.4	36.1	22.8	20.9	18.0	14.5
EL-80	18	24, 33	18	1	86.5	81.8	75.0	N/A	N/A	N/A	N/A
EL-100	24	33		3	50.0	47.2	43.3	27.3	25.0	21.7	21.7
			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

MODÈLE	CAPACITÉ	UNITÉS	A	B	C	D	E	F(2")	F(3")	G(2")	G(3")	H	J	K	L
EL-20	20 gal. US 76 litres	pouces mm	21 533	18 457	38 965	23.75 629	18.5 470	14.75 375	15.5 394	18 457	17.5 445	14 356	21 533	60.5 1537	16.75 425
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EL-80	80 gal. US 303 litres	pouces mm	33 838	28 711	45 1143	36.75 933	20.5 521	19.5 495	20.5 521	15 381	14.5 368	12.75 324	18 458	81 2058	26.25 667
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