# ELECTRIC PEDESTAL KETTLE

| MODEL | CAPACITY | |
|---|---|---|
| KEPS-20 | 20 Gallon | 76 Liter |
| KEPS-30 | 30 Gallon | 114 Liter |
| KEPS-40 | 40 Gallon | 151 Liter |
| KEPS-60 | 60 Gallon | 227 Liter |
| KEPS-80 | 80 Gallon | 303 Liter |
| KEPS-100 | 100 Gallon | 379 Liter |

## OPERATION SHALL BE BY:

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

❑ 208 VAC, 1 Phase, 50/60 Hz. (20 and 30 gallon only)
❑ 208 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.

## OPTIONAL ITEMS AT EXTRA COST:

❑ Type 316 stainless steel liner (60, 80 and 100 gallon models)
❑ 3" *(76 mm)* draw-off valve (TVT-3)
❑ 2" *(50 mm)* dairy valve (DDO-2T)
❑ 3" *(76 mm)* dairy valve (DDO-3T)
❑ 24 kw on 40, 60, 80 gallon
❑ 33 kw on 60, 80, 100 gallon
❑ 220 VAC, 1 Phase, 50/60 Hz (20 and 30 gallon only)
❑ 220 VAC, 3 Phase, 50/60 Hz.
❑ 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.
❑ 380/220 VAC, 3 Phase, 50/60 Hz. 4 wire
❑ 415/240 VAC, 3 Phase, 50/60 Hz. 4 wire
❑ Spring assist hinged cover for 20, 30 or 40 gallon models (CH-)
❑ Two piece hinged stainless steel cover (2PHC-)
❑ Etched gallon markings (GM-)
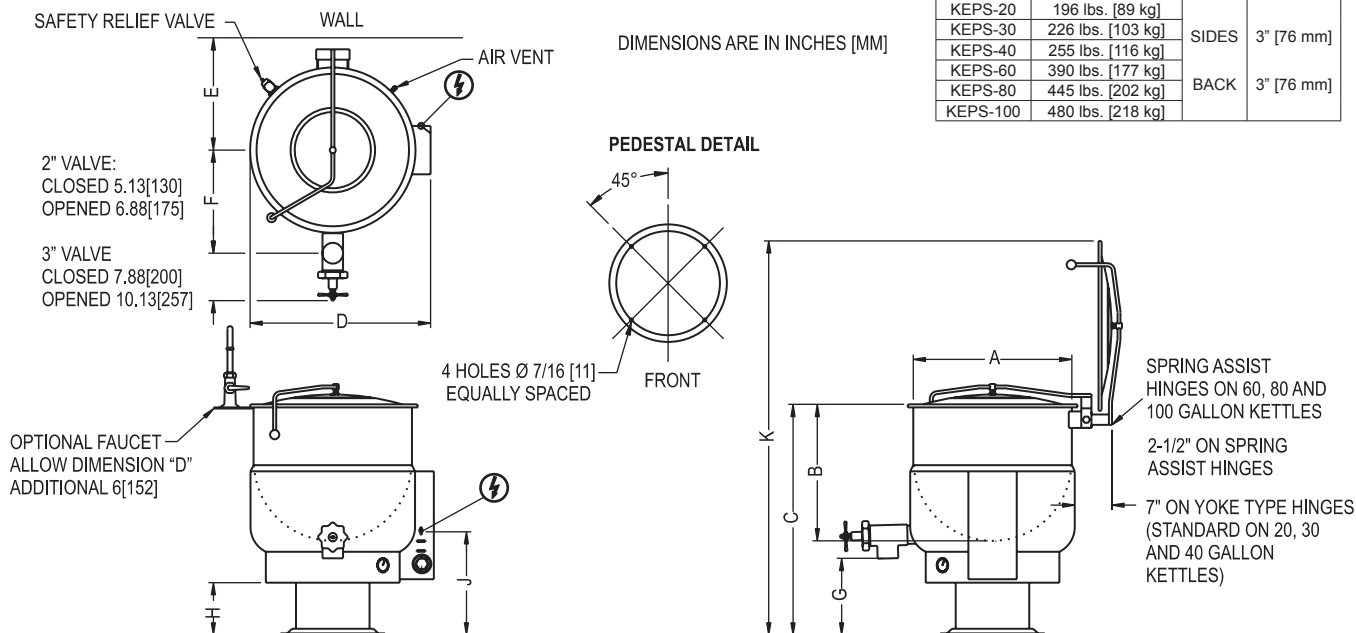❑ Etched litre markings(LM-)
❑ Correctional package

## ACCESSORIES:

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

SPECIFICATIONS:

Shall be a Southbend Model_____, self-generating, electric, pedestal kettle, ASME Code stamped, National Board Registered, c-CSA-us and NSF certified. 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.

Pedestal base shall have four 7/16 of an inch holes evenly spaced for securing unit to floor.

Construction shall be all welded #4 finish stainless steel, type 304. The interior liner on 20, 30 and 40 gallon models 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) sanitary drawoff valvehinged counterbalanced, stainless steel domed cover for 20, 30 and 40 gallon models and spring assist hinged stainless steel domed cover for 60, 80 and 100 gallon models.

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).

## Models: ☐ KEPS-20  ☐ KEPS-30  ☐ KEPS-40  ☐ KEPS-60  ☐ KEPS-80  ☐ KEPS-100

SAFETY RELIEF VALVE    WALL

AIR VENT

DIMENSIONS ARE IN INCHES [MM]

| MODEL | SHIPPING WEIGHT | MINIMUM CLEARANCE | |
|---|---|---|---|
| KEPS-20 | 196 lbs. [89 kg] | SIDES | 3" [76 mm] |
| KEPS-30 | 226 lbs. [103 kg] | | |
| KEPS-40 | 255 lbs. [116 kg] | | |
| KEPS-60 | 390 lbs. [177 kg] | BACK | 3" [76 mm] |
| KEPS-80 | 445 lbs. [202 kg] | | |
| KEPS-100 | 480 lbs. [218 kg] | | |

2" VALVE:
CLOSED 5.13[130]
OPENED 6.88[175]

3" VALVE
CLOSED 7.88[200]
OPENED 10.13[257]

PEDESTAL DETAIL

45°

OPTIONAL FAUCET
ALLOW DIMENSION "D"
ADDITIONAL 6[152]

4 HOLES Ø 7/16 [11]
EQUALLY SPACED

FRONT

SPRING ASSIST
HINGES ON 60, 80 AND
100 GALLON KETTLES

2-1/2" ON SPRING
ASSIST HINGES

7" ON YOKE TYPE HINGES
(STANDARD ON 20, 30
AND 40 GALLON
KETTLES)

## SERVICE CONNECTIONS

⚡ – ELECTRICAL CONNECTION : to be specified on data plate

## DIMENSIONS

| MODEL | CAPACITY | UNITS | A | B | C | D | E | F(2") | F(3") | G(2") | G(3") | H | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KEPS-20 | 20 gallons (76 liters) | in (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) |
| KEPS-30 | 30 gallons (114 liters) | in (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) |
| KEPS-40 | 40 gallons (152 liters) | in (mm) | 26" (660) | 22.5" (572) | 38" (965) | 29.75" (756) | 21" (533) | 17" (457) | 18" (457) | 13.5" (343) | 13" (330) | 9" (229) | 17" (432) | 65" (1651) |
| KEPS-60 | 60 gallons (227 liters) | in (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) |
| KEPS-80 | 80 gallons (303 liters) | in (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) |
| KEPS-100 | 100 gallons (379 liters) | in (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) | 10.5" (521) | 87" (2210) |

## ELECTRICAL CHARACTERISTICS

| AVAILABLE kW | | |
|---|---|---|
| MODEL | STANDARD | OPTIONAL |
| KEPS-20 | 12 | N/A |
| KEPS-30 | 15 | N/A |
| KEPS-40 | 18 | 24 |
| KEPS-60 | 18 | 24 or 33 |
| KEPS-80 | 18 | 24 or 33 |
| KEPS-100 | 24 | 33 |

| | | AMPS PER LINE | | | | | | |
|---|---|---|---|---|---|---|---|---|
| kW | PHASE | 208V | 220V | 240V | 380V | 415V | 480V | 600V |
| 12 | 1 | 57.7 | 54.5 | 50.0 | N/A | N/A | N/A | N/A |
| | 3 | 33.3 | 31.5 | 28.9 | 18.2 | 16.7 | 14.4 | 11.6 |
| 15 | 1 | 72.1 | 68.2 | 62.5 | N/A | N/A | N/A | N/A |
| | 3 | 41.6 | 39.4 | 36.1 | 22.8 | 20.9 | 18.0 | 14.5 |
| 18 | 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 |

## INTENDED FOR COMMERCIAL USE ONLY.
## NOT FOR HOUSEHOLD USE.

**SOUTHBEND**