

## VELT SERIES ELECTRIC FLOOR MOUNTED TILTING 2/3 JACKETED KETTLE



- VELT20** 12 KW, 20 gallon capacity
- VELT30** 15 KW, 30 gallon capacity
- VELT40** 18 KW, 40 gallon capacity
- VELT60** 18 KW, 60 gallon capacity
- VELT80** 18 KW, 80 gallon capacity
- VELT100** 24 KW, 100 gallon capacity

### STANDARD FEATURES

- Electric, self-contained stainless steel, 2/3 jacketed floor mounted tilting steam kettle.
- Fully welded hemispheric bottom kettle with type 304 stainless steel jacket and lining. (316 stainless steel liner for 20, 30 & 40 gallon models.)
- Stainless steel enclosure for self locking tilt mechanism.
- Kettle tilts forward 90° to completely empty.
- Tubular stainless steel legs with flanged feet.
- Faucet bracket.
- Controls enclosed in stainless steel housing include a power switch, thermostat, power "on" light, vacuum/pressure gauge, pressure relief valve and low water signal light.
- Elements are field replaceable.
- Requires 208 or 240 volts, 60 Hz, 3 phase.
- One year limited parts and labor warranty.

### OPTIONS

- Spring assist cover (20 - 40 gallon).
- 2" compression draw-off valve with perforated strainer.
- 3" compression draw-off valve with perforated strainer.
- Correction facility package:
  - a. Security type tamper resistant fasteners with tack welds.
  - b. Controls protected by lockable cover.
  - c. Stainless steel step cover over draw-off valve with chain.
  - d. Type 316 liner (60 - 100 gallon).
- Stainless steel receiving pan support.
- Single phase, 12 or 15 KW.
- 24 KW elements (40, 60 & 80 gallon models only).
- 33 KW (60, 80 & 100 gallon models only).
- 480 volts, 60 Hz, 3 phase.
- Second year extended limited parts and labor warranty.

### ACCESSORIES

- Lift-off cover.
- Contour measuring strip.
- Perforated stainless steel basket assembly (single - 20 gal.) (triple - 20 through 100 gallon).
- Clean-up kit, includes draw-off brush with 36" handle and paddle scraper with 40" handle.
- Stainless steel 48" whip.
- Solid disk.
- 18" double jointed single pantry faucet.
- 18" double jointed double pantry faucet.
- Double pantry washdown hose with 16" add-on faucet with backflow preventer.
- Double pantry washdown hose with backflow preventer.
- Double pantry pot filler with backflow preventer.



### SPECIFICATIONS:

Electric, self-contained, stainless steel, 2/3 jacketed floor mounted tilting steam kettle, Vulcan-Hart Model No. \_\_\_\_\_. Fully welded hemispheric bottom kettle with type 304 stainless steel jacket and lining (316 stainless steel liner, 20, 30 & 40 gallon). Jacket tested to 50 psi (3.4 kg/cm<sup>2</sup>). Stainless steel enclosure for self locking tilt mechanism. Kettle tilts forward 90° to completely empty. Tubular stainless steel legs with flanged feet. Controls enclosed in stainless steel housing include a power switch, thermostat, power "on" light, vacuum/pressure gauge, pressure relief valve and low water signal light. Elements are field replaceable. Requires 208 or 240 volts, 60 Hz, 3 phase.

NSF listed. U L listed. Meets ASME code.

# VULCAN

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### SERVICE CONNECTIONS:

 **Electric Connection:** To be as specified on data plate.

### BRIMFUL CAPACITIES (in 4 oz. servings):

Working capacity 70% to 80% of brimful depending on model.

- 80 quarts/20 gallons/76 liters/640 servings
- 100 quarts/30 gallons/95 liters/800 servings
- 120 quarts/40 gallons/152 liters/1,280 servings
- 160 quarts/60 gallons/227 liters/1,920 servings
- 240 quarts/80 gallons/303 liters/2,560 servings
- 400 quarts/100 gallons/379 liters/3,200 servings

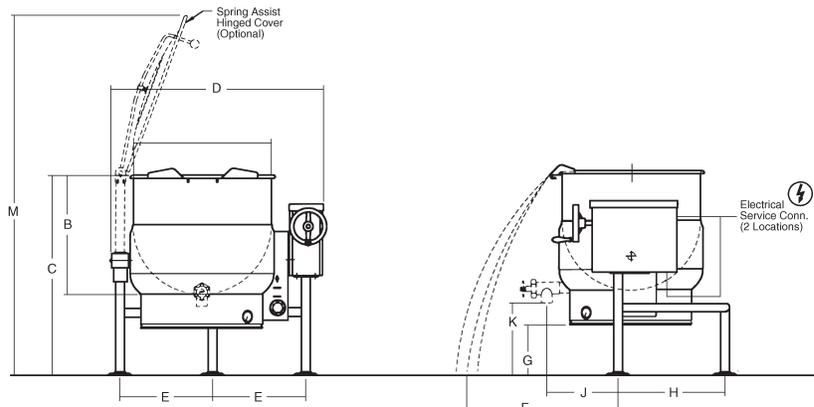
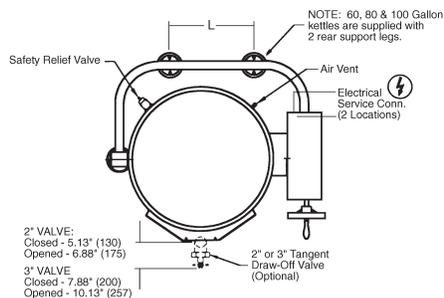
### NOTE:

- Dimensions which locate the above connections have a tolerance of + or -3" (+ or -75 mm).
- Installation of backflow preventers, vacuum breakers and other specific code requirements is the responsibility of the owner and installer. It is the responsibility of the owner and installer to comply with local codes.
- Plastic drains are not recommended due to inherent limited temperatures of the plastic. Boiler purge temperatures may exceed 180°F. The installer may be required to provide means to reduce boiler purge water temperature to be that of the condensate temperature of 140°F or less.
- This appliance is manufactured for commercial installation only and is not intended for home use.

### ELECTRICAL CHARACTERISTICS

MODEL	KW	PHASE	AMPS PER LINE					
			208V	220V	240V	380V	415V	480V
VELT20	12	1	57.7	54.5	50.0	—	—	—
	12	3	33.3	31.5	28.9	18.2	16.7	14.4
VELT30	15	1	72.1	68.2	62.5	—	—	—
	15	3	41.6	39.4	36.1	22.8	20.9	18
VELT40, 60, 80	18	3	50	47.2	43.3	27.3	25	21.7
VELT100	24	3	66.6	63.0	57.7	36.5	33.4	28.9

MODEL	CAP.	A	B	C	D	E	F	G	H	J(2")	J(3")	K(2")	K(3")	L	M
VELT20	20 gallons	21	18	38	36	15	18	14	19.5	14.75	15.5	18	17.5	-	63.5
	76 liters	533	457	965	914	381	457	356	495	375	394	457	445	-	1613
VELT30	30 gallons	24	2	38	39	16.5	19	12.375	22	16.75	17.25	16	15.5	-	66.5
	114 liters	610	508	965	990	419	483	314	559	425	438	406	394	-	1689
VELT40	40 gallons	26	22.5	38	41	17.5	23	10	22.5	17.5	18.5	13.5	13	-	68.5
	152 liters	660	572	965	1041	445	584	254	572	445	470	343	330	-	1740
VELT60	60 gallons	29.5	26	42	44.5	19.125	24	11	25	19.5	20.75	14	13.5	11	76
	227 liters	749	660	1067	1130	4886	610	280	635	495	527	356	343	279	1930
VELT80	80 gallons	33	28	45	48	20.875	27	12.625	25.5	20.25	21.25	15	14.5	24	82.5
	303 liters	838	711	1143	1219	530	686	321	648	514	540	381	368	610	2096
VELT100	100 gallons	35.25	29.75	48.75	49.5	22.25	32	14.5	24.5	20.25	21.25	18.75	18.25	28	88.5
	379 liters	895	755	1238	1257	565	813	368	622	514	540	476	464	711	2248



**NOTE:** In line with its policy to continually improve its products, Vulcan-Hart Company reserves the right to change materials and specifications without notice.

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