CLEVELAND

TRI-LEG/PEDESTAL, DIRECT STEAM

STATIONARY, 2/3 STEAM JACKETED

25, 40, 60, 80, 100, 125, 150, 200 OR 250 GALLONS (100, 150, 225, 300, 375, 475, 575, 760 OR 950 LITERS

Project _____

Item _____

Quantity _____

FCSI Section 11400 _____

Approved _____

Date _____

Direct Steam Kettles

Models

- KDL-25
- KDL-40
- KDL-60
- KDL-80
- KDL-100
- KDL-125
- KDL-150
- KDL-200
- KDL-250
- KDP-40
- KDP-60
- KDP-80
- KDP-100





Shown with optional Steam Control Kit

Short Form Specifications

Shall be CLEVELAND, Direct Steam Kettle, Tri-leg or Pedestal stationary, Model KD __ - _____ . 2/3 Steam Jacketed, 50 psi Steam Jacket Rating on 80 - 100 gallon, 35 psi on125 gallon and larger. Supports to be Stainless Steel. Includes spring-assisted, Domed Cover and 2″ Tangent Draw-off Valve; heavy re-enforced Rolled Rim. To operate, connect directly to a steam source supplying from 5 to 45 psi steam. 316 Stainless Steel Interior.

Standard Features

- Spring-assisted Cover: domed, hinged, one-piece rotatable (not available on KDL-250)
- Type 316 Stainless Steel Interior
- 2″ diameter Tangent Draw-off Valve with Drain Strainer
- 50 psi Steam Jacket Rating on 25 - 100 gal. models, 35 psi Steam Jacket Rating on 125 - 250 gal. models
- 50 psi chrome plated Safety Valve on 25 - 100 gal. models,35 psi chrome plated Safety Valve on 125 - 250 gal. models
- Condensate Drain Valve with insulated handle
- For Tri-leg Models: Tri-leg supports of 1.63″ O.D., Type 304 Stainless Steel tubular construction, with level adjustable Flanged Feet for Floor Bolting
- For Pedestal Models: Pedestal support of Type 304 Stainless Steel with .75″ thick floor plate, (level adjustable for sloping floors), comes with Stainless Steel Collar for sealing
- Faucet Mounting Bracket
- Steam Control Inlet Valve
- Typical approvals include NSF and ASME

Options & Accessories

- Lift-off Covers (CL)
- Chrome plated Steam Control Kit includes: Steam Traps, Condensate Strainers, Check Valves, nipples and fittings, factory assembled and mounted on kettle (SCK1)
- 100 psi Pressure Option (PO) (for 125 gallons and larger)
- Cooking Baskets and Tri-Basket Supports (BS and TBS)
- Measuring Strips (MS)
- Gallon Markings (KM)
- Kettle Accessory Kit (KAK) includes:
  - Clean-up Brush (CB)
  - 36″ Kettle Paddle (KP)
  - 36″ Kettle Whip (KW)
  - 36″ Kettle Brush (KB)
  - Draw-off Brush (DB)
  - 24 oz. Ladle (KL)
- Pressure Reducing Valve for regulating incoming steam pressure of over 45 psi (PRV-K)
- Hot and cold or cold only Kettle Filler with 60″ Hose (DKF-K or SKF-K)
- Automatic Water Meter (GMF or LMF)
- Drain Strainers (DS-)
- Water Meter Stand (SWM)
- 3" diameter Tangent Draw-Off Valve w/Strainer (TD3)
- 3" diameter Butterfly Valve (BV3)
- Pre-Rinse Spray Head and Hose (PRSK)
- Correctional Packages
- Insulated Outer Jacket (IOJ)

KE004046-49

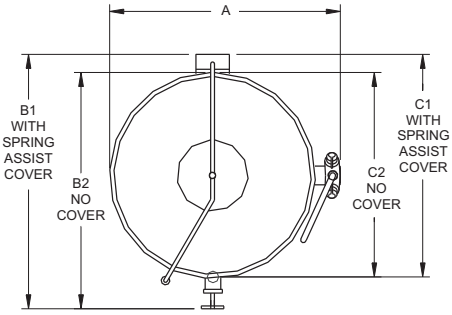
18301 St. Clair Street
Cleveland, OH 44110

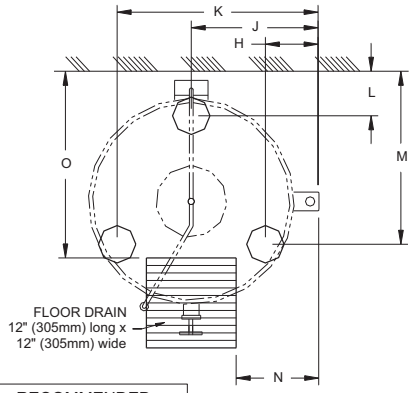
Tel 1.216.481.4900
Fax 1.216.481.3782
Email steam@clevelandrange.com

www.clevelandrange.com

WELBILT

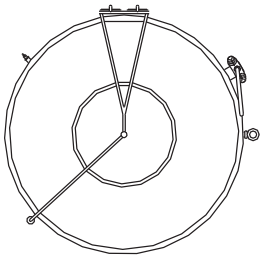
Direct Steam Kettles



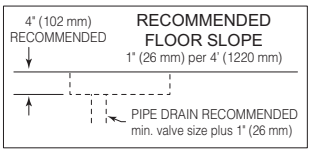


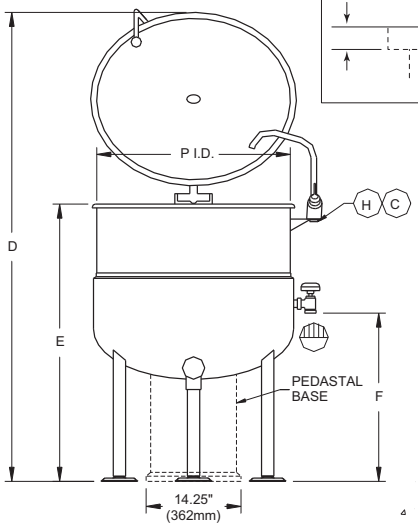
CAPACITIES: (in 8 oz. servings, other sizes may be calculated.)

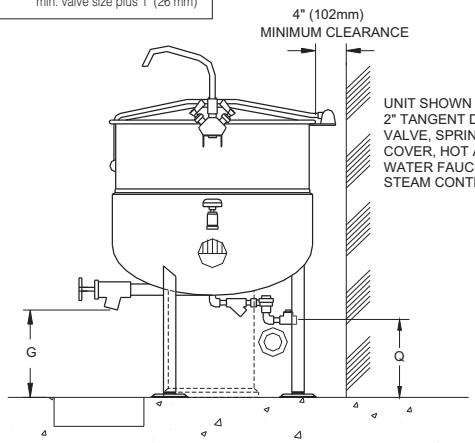
25 Gallon / 100 liters . . .	400 servings
40 Gallon / 150 liters . . .	640 servings
60 Gallon / 225 liters . . .	960 servings
80 Gallon / 300 liters . . .	1280 servings
100 Gallon / 375 liters . . .	1600 servings
125 Gallon / 475 liters . . .	2000 servings
150 Gallon / 575 liters . . .	2400 servings
200 Gallon / 760 liters . . .	3200 servings
250 Gallon / 950 liters . . .	4000 servings



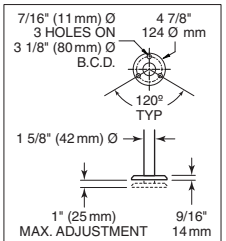
SPRING ASSIST COVER FOR 80 GALLON KETTLES AND UP







UNIT SHOWN WITH 2" TANGENT DRAW-OFF VALVE, SPRING ASSIST COVER, HOT AND COLD WATER FAUCET AND STEAM CONTROL KIT.



FLANGED FOOT DETAIL

DIMENSIONS

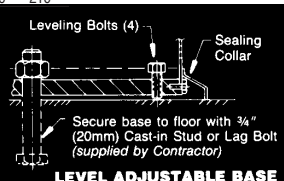
GALS./ LITERS		A	B1	B2	C1	C2	D	E	F	G	H	J	K	L	M	N	0	P I.D.	Q
25	IN	26 1/2	32	29 3/16	26 7/8	24 1/8	59	37	22 1/8	14 1/2	7	14 3/4	22 1/2	6 3/8	19 13/16	8 3/4	22 3/16	21	12 1/2
100	mm	674	813	742	683	613	1499	940	639	369	178	375	572	162	504	223	564	534	318
40	IN	31 1/8	35 7/8	33 1/16	31 3/16	28 7/16	62 1/8	36 7/8	22 1/2	12 1/2	7 11/32	17 1/4	27 5/32	6 13/32	23 9/16	11 1/4	26/7/16	26	10 1/2
150	mm	791	912	408	793	723	1578	937	572	318	187	362	690	163	599	286	672	661	267
60	IN	34 5/8	38 7/8	36 1/8	34 1/8	31 3/8	69 3/4	39	21 7/8	11 1/8	7 5/8	19	30 1/8	6 3/8	26 1/4	13	29 3/8	29 1/2	9 1/8
225	mm	879	988	918	867	797	1772	991	556	283	194	483	766	162	667	331	747	750	232
80	IN	38 1/8	41 1/4	38 1/2	36 1/2	33 3/4	74 7/8	40 7/8	23	11	7 3/4	20 3/4	33 3/4	6 3/8	28 3/4	14 3/4	31 3/4	33	9
300	IN	969	1048	978	928	858	1902	1039	585	280	197	528	858	162	731	375	807	839	229
100	IN	40 5/8	43 1/8	40 3/8	38 3/8	35 5/8	79 3/8	43	23 7/8	11 1/8	8	22	36	6 3/8	30 3/4	16	33 5/8	35 1/2	9 1/8
375	mm	1032	1096	1023	975	905	2017	1093	607	283	204	559	915	162	782	407	855	902	232
125	IN	45 1/8	46 5/8	43 1/2	41 7/8	38 3/4	83 1/4	43	24 7/8	10 7/8	8 1/4	24 1/4	40 1/4	6 3/8	34	18 1/4	36 3/4	40	8 7/8
475	mm	1147	1185	1105	1064	985	2115	1092	632	277	210	616	1023	162	864	464	934	1016	225
150	IN	45 1/8	46 5/8	43 1/2	41 7/8	38 3/4	88 3/8	47 7/8	24 7/8	10 7/8	8 1/4	24 1/4	40 1/4	6 3/8	34	18 1/4	36 3/4	40	8 7/8
575	mm	1147	1185	1105	1064	985	2245	1217	632	277	210	616	1023	162	864	464	934	1016	225
200	IN	50 1/8	46 5/8	43 3/8	41 7/8	38 3/4	94	49 1/4	29 3/8	10 5/8	7 7/8	26 3/4	45 5/8	7 1/4	34 3/8	20 3/4	36 3/4	45	8 5/8
760	mm	1274	1185	1102	1064	985	2388	1251	747	270	201	680	1159	185	874	528	934	1143	219
250	IN	53 1/8	48 7/8	45 5/8	44 1/8	39 1/4	104 1/4	54	32 3/4	10 1/4	8 1/8	28 1/4	48 3/8	7 1/4	36 7/8	22 1/4	37 1/4	48	8 1/4
950	mm	1350	1242	1159	1121	997	2648	1372	82	261	207	718	1229	185	937	566	947	1220	210

Shipping Weights & Dimensions

Model -

KDL-25	Weight - 170 lbs Width - 38" Depth - 38" Height - 54"
KDL-40	Weight - 241 lbs Width - 44" Depth - 44" Height - 54"
KDL-60	Weight - 269 lbs Width - 48" Depth - 48" Height - 54"

DIRECT STEAM	DRAINAGE D	WATER H C	CLEARANCE
Steam Supply: • Furnish ¾" IPS minimum line. • Operating Pressure 5 to 45 psi.	½" NPT Condensate Return with Strainer and Trap.	H ½" NPT Hot Water Inlet C ½" NPT Cold Water Inlet When ordered with optional faucet.	RIGHT = 0" LEFT = 0" REAR = 4.00"



LEVEL ADJUSTABLE BASE MOUNTING DETAIL

NOTES:

Cleveland Range reserves right of design improvement or modification, as warranted.
Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.
Installation of backflow preventers, vacuum breakers and other specific coder requirements is the responsibility of the owner and installer.
Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L., A.G.A., NSF, ASME/N.Bd., CSA, CGA, ETL and others.

(NOT TO SCALE)