

Cleveland

TRI-LEG, DIRECT STEAM

STATIONARY, 2/3 STEAM JACKETED

25, 40, 60, 80, 100, 125, 150, 200, 250, 250 Gallons

(100, 150, 225, 300, 375, 475, 575, 760, 950 Liters)

Project _____
Item _____
Quantity _____
FCSI Section 11400 _____
Approved _____
Date _____

Direct Steam Kettles

Models

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



- Tri-leg supports of 1.63" O.D., Type 304 Stainless Steel tubular construction, with level adjustable Flanged Feet for Floor Bolting
- 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)
- 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)
- SPADDLE - 38" stainless steel spatula & paddle tool
- 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)
- Rimbar
- Correctional Package
- Heat Shield
- ACME thread & Sani-Clamp Option

Short Form Specifications

Shall be CLEVELAND, Direct Steam Kettle, Tri-leg, Model KDL - _____. 2/3 Steam Jacketed, 50/100 psi Steam Jacket Rating on < 100 gallon, 35 - 100 psi on > 125 gallon. 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
- Type 316 Stainless Steel Interior
- 2" diameter Tangent Draw-off Valve with Drain Strainer
- 50/100 psi Steam Jacket Rating on 25 - 100 gal. models, 35-100 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

KE004046-49

760 Beta Drive, Unit D
Mayfield Village, Ohio 44143

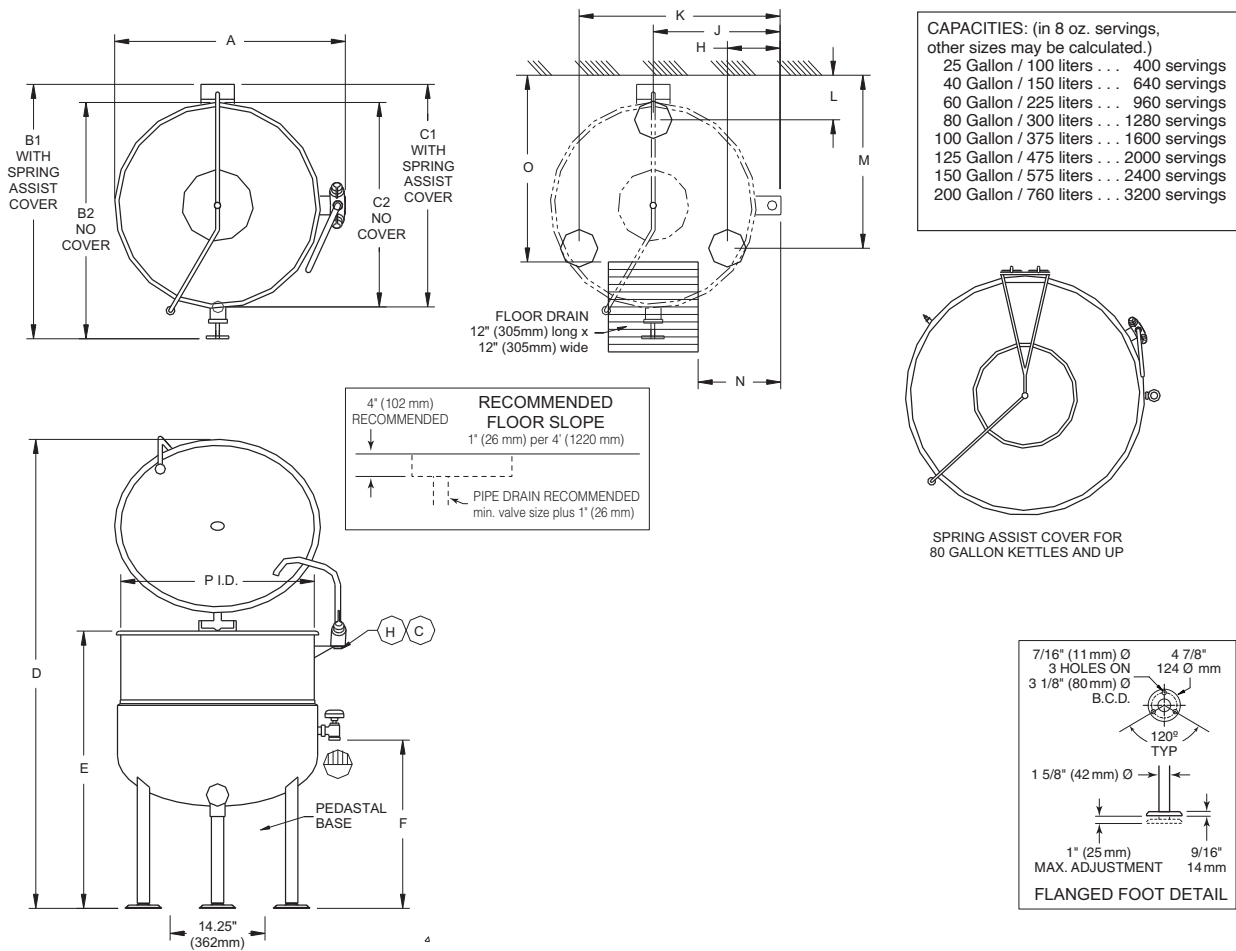
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Direct Steam Kettles



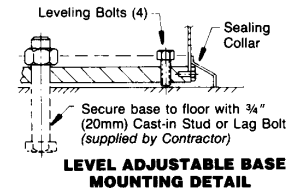
DIMENSIONS

GALS/ LITERS		A	B1	B2	C1	C2	D	E	F	G	H	J	K	L	M	N	O	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	48 7	45 5	44 1	39 1	104	54	32 3/4	10 1/4	8 1/8	28 1	48 3	7 1/1	36 7/8	22 1/4	37 1	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	WATER	CLEARANCE
Steam Supply: • Furnish 3/4" IPS minimum line. • Operating Pressure 5 to 45 psi.	1/2" NPT Condensate Return with Strainer and Trap.	1/2" NPT Hot Water Inlet 1/2" NPT Cold Water Inlet When ordered with optional faucet.	RIGHT = 0" LEFT = 0" REAR = 4.00"



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 code 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)

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