

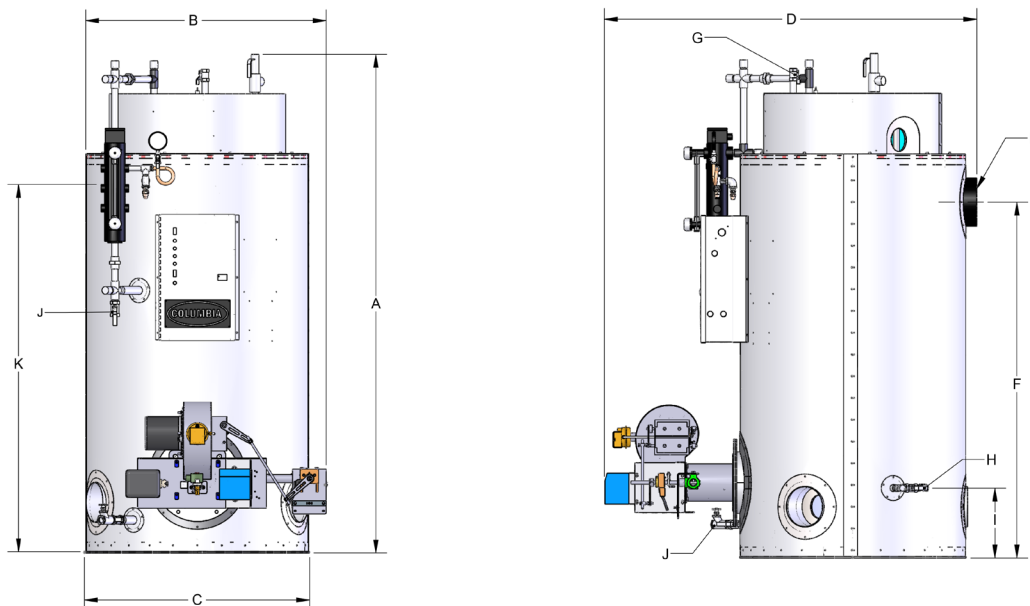
# COLUMBIA

## CT SERIES



### CT FEATURES

- 150 psi Steam Boiler (15 and 250psi also available)
- 10 - 60 BHP
- 399 - 2,520 MBTU/hr
- ASME Section I Heat Exchanger
- Vertical, Tubeless, 3 Pass Design
- Submerged Water Cooled Furnace
- Wet Leg Design
- Extended Heating Surface Fins
- CSD-1 Compliant
- High Dome Design for Quick Draw & Drier Steam
- 3/8" Thick Shell
- 16 Gauge Steel Jacketing
- High Efficiency Low-High-Low and Modulating Burners Available
- Low Emission Burners Available
- Bottom Mounted Burner for Fast & Easy Service



CT-35, CT-50 and CT-60 built with solid steel skid base

MODEL #	CT-10	CT-15	CT-20	CT-25	CT-35*	CT-50*	CT-60*
<b>RATINGS:</b>							
Horsepower	9.5	15	20	25	35	50	60
Gas Input (BTU/hr)	399,000	630,000	840,000	1,050,000	1,470,000	2,100,000	2,520,000
Oil Input (Gals./hr)	2.85	4.50	6.00	7.50	10.50	15.00	18.00
Gross Output (BTU/hr)	328,000	504,000	672,000	840,000	1,176,000	1,680,000	2,016,000
Gross Output Steam (Lbs./hr)	328	517	690	862	1207	1725	2070
Water Capacity (Gal.)	46	70	86.5	110	90	240	414
Steam Release Surface Area (sq in)	262 sq. in	389 sq. in	501 sq. in.	627 sq. in.	817 sq. in	1,402 sq. in.	1887 sq. in.
Hand Hole Qty. and Size	(3) 3 x 3-3/4	(3) 3 x 3-3/4	(4) 3 x 3-3/4	(4) 3 x 3-3/4	(4) 3 x 3-3/4	(4) 3 x 3-3/4	(4) 3 x 3-3/4
<b>BOILER DIMENSIONS:</b>							
A. Boiler Hight (includes piping)	74"	80"	82"	90"	96"	103"	103.75"
B. Boiler Daimeter (left to right, packaged including M & M)	38"	36"	39"	42"	43"	56"	63"
C. Boiler Diameter (left to right, less trim & piping)	30"	34"	37"	40"	43"	56"	63"
D. Burner to Flue Outlet (approx.)	52"	58"	59-1/2"	64"	71"	94"	96"
E. Flue Outlet (diameter)	6"	8"	8"	10"	12"	12"	14"
F. Flue Outlet to Floor centerline)	48-1/4"	56-1/4"	57-1/4"	61-5/8"	69"	76-1/4"	77"
G. Steam Outlet (IPS)	3/4"	1"	1"	1-1/4"	1-1/4"	2"	3"
H. Feedwater Inlet (IPS)	3/4"	1/2"	3/4"	3/4"	3/4"	1"	1"
I. Feedwater Inlet to Floor (centerline)	6-1/4"	9-1/4"	11-1/4"	11-3/4"	13-1/2"	15-1/2"	16"
J. Blowdown Outlet (IPS)	1"	1"	1"	1"	1"	1-1/4"	1-1/4"
K. Normal Water Line to Floor	51"	59"	59-1/2"	67"	71-1/2"	81-1/2"	83-1/2"
Approximate Floor Space (crated)	3' x 5'	3.25' x 5.5'	3.5' x 5.5'	4' x 6'	5' x 8'	6' x 10'	6' x 10'
<b>CRATED DIMENSIONS:</b>							
Left to Right	41"	41-1/2"	44"	44"	51-1/2"	60"	63"
Front to Rear	56"	67"	72"	72"	84"	89"	98"
Height	81"	86"	95"	95"	96"	105"	105"
Approximate Shipping Weight (skidded & crated)	1900 lb.	2500 lb.	3150 lb.	3450 lb.	4650 lb.	6200 lb.	7000 lb.

\* CT-35 Skid Base 45" x 48-1/2" \*CT-50 Skid Base 56" x 66" \*CT-60 Skid Base 63" x 74" (W x L)

CT Boilers built for 15 psi steam have 3" outlet

CT BOILER/BURNER UNITS : Completely assembled, piped, wired & factory tested with steam pressure gauge, water level gauge, gauge cocks with ball checks, gauge glass protector, steam safety valve, steam supply ball valve, boiler and water column blowdown valves, hand hole inspection plate assemblies, feedwater inlet ball valve & check valve, jacket and 3" poured refractory insulation, water column with probe type low water cut-off and pump control, additional probe type low water cut-off with manual reset, steam pressure control, steam hi-limit pressure control with manual reset, feed pump motor contactor, and UL listed burner with safety and operating controls. CSD-I approval is standard on all boilers. PRORATED 5 YEAR WARRANTY



Manufactured in the USA by  
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