



(SIMILAR BOILER PICTURED)

B-952

2011 CBLE-200-246-250



GENERAL DESIGN

STANDARDS & CERTIFICATIONS



ASME Section I



National Board
Registered



NFPA-85 Build
Standard



Hartford Steam
Boiler Inspected

MANUFACTURER (OEM)	Cleaver-Brooks
YEAR	2011
SERIAL NO.	T2659-1-1
NATIONAL BOARD NO.	17470
CRN NO.	M4489.5
MODEL	CBLE-200-246-250
ASME CODE SECTION	Section I
TYPE	Scotch
DESIGN	Four-Pass Dry Back Firetube
MOUNTING	Saddles & Skid-Mounted
INTERNAL	Plain Furnace & Straight Tubes



CAPACITIES & INPUTS

OUTPUT SERVICE	LPS & HPS
OUTPUT CAPACITY	8,625 LB/HR
HORSEPOWER	246 BHP
DESIGN PRESSURE (MAWP)	250 PSIG
OPERATING RANGE	15 - 235 PSIG
HEATING SURFACE	1,000 FT ²
MAX. FUEL INPUT	NG: 9,900,000 BTU/HR #2: 71.7 GAL/HR
STANDARD FUELS ¹	Natural Gas & #2 Fuel Oil
ADDITIONAL FUELS ²	#6 Fuel Oil
INPUT GAS PRESSURE	MAX: 1.5 PSIG MIN: 1.0 PSIG
TURNDOWN RATIOS	NG: 10:1 #2: 8:1
EMISSION RATING (NOX)	NG: 60 PPM #2: 90 PPM

¹ Standard Fuels: Boiler comes ready to burn these fuels including fuel train, safety devices, integral wiring and delivery systems.

² Additional Fuels: Boiler is capable of running on these fuels but requires modifications to the burner, fuel delivery systems and wiring, at additional cost.



(SIMILAR BOILER PICTURED)



BURNER AND ELECTRICAL

BURNER MANUFACTURER (OEM)	Cleaver-Brooks
MODEL	Integral - LE
TYPE	Full Modulation
FLUE GAS RECIRCULATION (FGR)	Yes, 18%
ELECTRIC	460V/3PH/60Hz
ATOMIZATION	Air
CONTROL TYPE	Single-Point Positioning
BOILER CONTROL SYSTEM	-
BURNER MANAGAMENT SYSTEM	Honeywell RM-7800L
FLAME SAFEGUARD	IR Scanner
BLOW MOTOR	20 HP
BURNER INSTALLED	Yes
PILOT TYPE	Propane (LPG), NG, Spark
INSTRUMENT AIR	Oil Atomization
AIR COMPRESSOR	3 HP (Included)

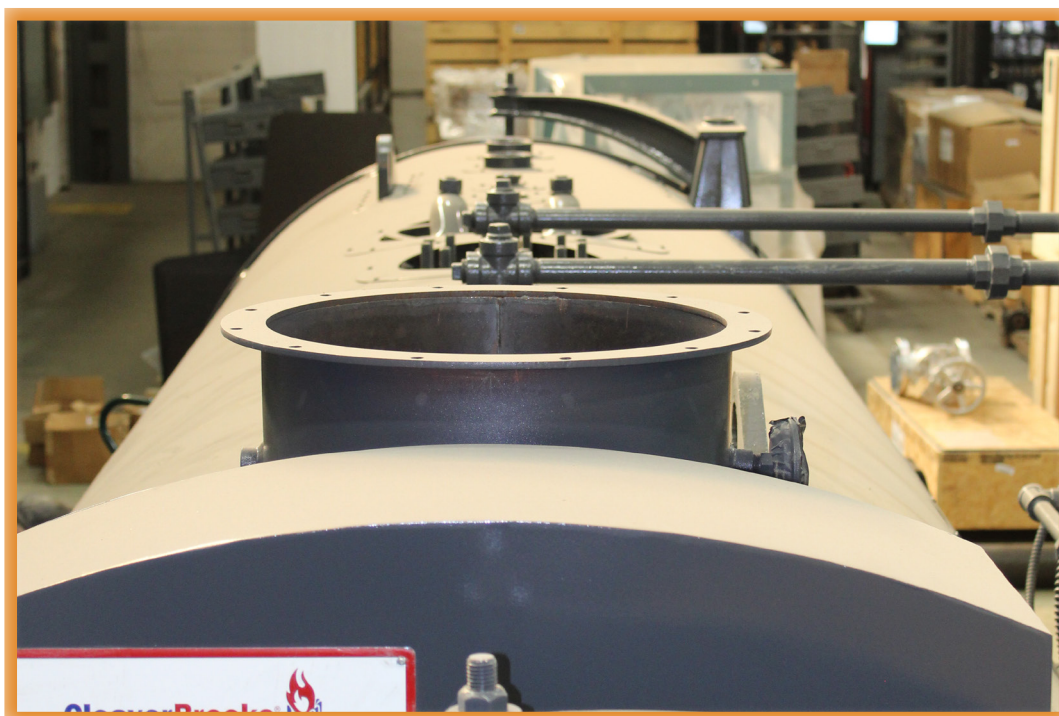


(SIMILAR BOILER PICTURED)



DIMENSIONS AND WEIGHTS

OVERALL LENGTH	19' 0-1/2"
OVERALL HEIGHT	7' 2"
OVERALL WIDTH	7' 6-1/2"
SHIPPING WEIGHT	18,500 LBS
OPERATING WEIGHT	27,125 LBS
BOILER OUTLET	6" ø 300# STUDDERY FLG.
EXHAUST OUTLET	16" ø OD



(SIMILAR BOILER PICTURED)

800.37.STEAM

POWERHOUSE.COM

HQ

240 CREEK RD. DELANCO, NJ 08075 USA

+1 (856) 764-3333

SOUTHEAST OPERATIONS

1710 PACOLET CT., GASTONIA, NC 28052 USA

+1 (704) 864-7707

POWERHOUSE DOES NOT MAKE ANY REPRESENTATIONS, WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED WITH THIS BOILER SPECIFICATION SHEET. THE CONTAINED INFORMATION IS PROPRIETARY TO POWERHOUSE AND NO OWNERSHIP RIGHTS ARE HEREBY TRANSFERRED. NO PART OF THE SHEET SHALL BE USED, REPRODUCED, TRANSLATED, CONVERTED, ADAPTED, STORED IN A RETRIEVAL SYSTEM, COMMUNICATED OR TRANSMITTED BY ANY MEANS, FOR ANY COMMERCIAL PURPOSE, INCLUDING WITHOUT LIMITATION, SALE, RESALE, LICENSE, RENTAL OR LEASE, WITHOUT THE PRIOR EXPRESS WRITTEN CONSENT OF POWERHOUSE. NEITHER POWERHOUSE NOR ANY OF ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS SHALL BE LIABLE BASED ON CONTRACT, WARRANTY, STRICT LIABILITY OR NEGLIGENCE, PATENT INFRINGEMENT, TORT OR IN ANY OTHER MANNER WHATSOEVER TO ANY PERSON FOR ANY LOSS, DAMAGE, INJURY, LIABILITY, COST OR EXPENSE OF ANY NATURE, INCLUDING WITHOUT LIMITATION INCIDENTAL, SPECIAL, INDIRECT, DIRECT, LIQUIDATED, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE SPECIFICATION SHEET.

PLEASE CONTACT POWERHOUSE AT 856-764-3333 OR 1-800-37-STEAM FOR ENGINEERED DRAWINGS AND COMPLETE O&M MANUALS.

