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Did You Know?

Burnham Boiler's parent company, Burnham Holdings, Inc is traded on the OTC market as BURCA. Based on \$16.95 share price, Burnham's dividend yield is 4.01%.

Useful Formulas

1 Boiler Horsepower (BHP) = 33475 BTU Output

$$\Delta T = \frac{\text{BTU Output}}{(\text{GPM})(60)(8.33)}$$

NEW Products

Fulton Skid Mounted Units

Make your installations easy. Fulton will package and skid mount components to make your life simple. Unit shown has: boiler, air separator, pump, heat exchanger, expansion tank and piping.



Lochinvar Knight Boiler



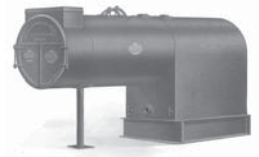
- Modular
- High Efficiency / Condensing
- Modulating with 5:1 Turndown
- Built-In Sequencer Controls up to 8 units
- Seven Models: 80-500 MBH
- PVC Vented



Rules of Thumb

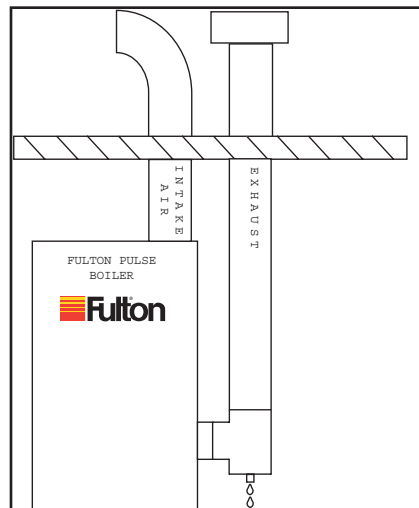


- Old Boiler Capacity: Use 5 SqFt of heating surface per Boiler Horsepower.
- Quick Load Calculation: For a conservative estimate use 50 BTU's per SqFt of building area.



What's Wrong?

(Answers on Page 2)



How's Your Record Keeping?

We have Kewanee boiler records back to the 1920's.

ORTONVILLE, MINNESOTA		
8/15/23	1-5K-15#	
9/22/32	1-307	Replacement
7/13/35	1-1752	High School
11/13/40	1-743J	
11/3/41	1-0742J	Bakery
4/13/46	1-7L73	Schoens Furniture Store
1/25/47	1-3R7	
2/2/48	2-5184	School
7/6/49	1-HM25(100#)	South Shore Co-op Creamery
6/16/50	1-3R5M	American Legion #97
7/6/50	2-582	Municipal Hospital
7/21/51	2-582(15#)	Municipal Hospital
10/9/52	1-3R5M (15#)	Tahar E.U.B. Church
4/11/60	1-3R7F	Methodist Church
11/15/62	1-3R5M	Legion Club
1/15/64	1-H195FO	St. Anthony's Church

More Free Money



Boiler size (BTU/hr input)	Hot water	High pressure steam	Low pressure steam	Rebate
< or = 300,000	85% A.F.U.E.	81.5%	83%	\$300 to \$500/MMBTUH, up to \$750/boiler
300,001 - 999,999	83%	81.5%	83%	\$300 to \$500/MMBTUH, up to \$2,500/boiler
1,000,000 - 9,999,999	83%	81.5%	83%	\$300 to \$500/MMBTUH up to \$5,000/boiler
10,000,000 or greater	Rebated through the Custom Efficiency program. Must be preapproved			

Description of eligibility	Rebate/incentive/or pricing
Modular burner controls 5:1 turndown ratio minimum	25% up to \$2,500
Modular burner controls 10:1 turndown ratio or greater	25% up to \$5,000
Turbulators	25% up to \$400
Blowdown heat recovery	25% up to \$5,000
Steam traps	25% up to \$250 (maximum \$10,000 per site)
Boiler tune-ups	25% up to \$250
O2 trim controls	25% up to \$5,000
Outdoor air reset controls	25% up to \$500
Stack damper	25% up to \$250
New boiler systems	See rebate application form (#0550) for details
Boilers over 10 MMBTUs	Custom Efficiency rebate amount based on energy savings

More information can be found at <http://www.xcelenergy.com>

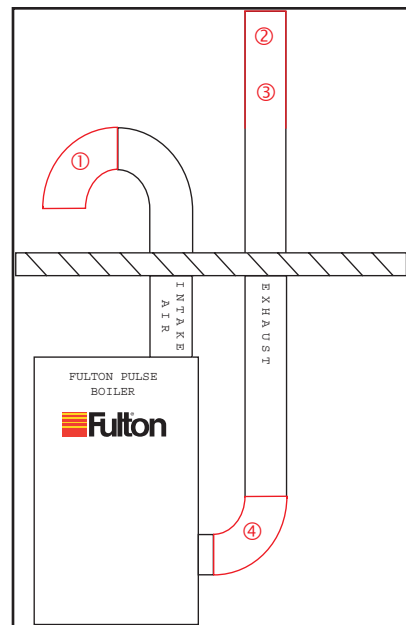
Featured Job

Metro Transit Police Station

Engineer: Howard R. Green - St. Paul, MN
 Mech Contractor: Dakota P&H - Eagan, MN
 Equipment: (2) Fulton Pulse PHW500
 Installed: Dec 06



What's Wrong? Answers



1. Intake pipe should be full 180 gooseneck to prevent wind from blowing in snow, rain etc.
2. No rain cap should be used due to high amounts of water vapor which can freeze on the cap.
3. Exhaust pipe should be at least 4ft above and 4ft horizontally away from intake air.
4. No drain tee is required as unit has built in drain for condensation.



English



Aldrich



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