



Price Guide

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|---|-----------------|
| 1. Select a boiler price: | Table 1 |
| 2. Select desired trim option codes: | Table 2 |
| 3. Select a burner mounting option: | Table 3 |
| 4. Add appropriate burner trim options: | Table 4 |
| 5. Add burner and controls: | By-Others |
| 6. Add items from steps 1 -5: | Total Net Price |

TABLE 1
Boiler Price

Model	Hot Water Unit		Steam Boiler	
	30 PSIG	125 PSIG	15 PSIG	150 PSIG
PFBX100-3	\$34,216	\$35,671	\$34,395	\$36,398
PFBX125-3	\$37,338	\$38,927	\$37,537	\$39,722
PFBX150-3	\$40,598	\$42,326	\$40,816	\$43,188
PFBX200-3	\$52,613	\$54,853	\$52,892	\$55,972
PFBX250-3	\$57,072	\$59,501	\$57,376	\$60,716
PFBX300-3	\$66,987	\$69,838	\$67,345	\$71,263
PFBX350-3	\$70,888	\$73,905	\$71,265	\$75,412
PFBX400-3	\$81,378	\$84,841	\$81,811	\$86,573
PFBX500-3	\$89,090	\$92,882	\$89,565	\$94,776
PFBX600-3	\$102,478	\$106,840	\$103,023	\$109,018
PFBX750-3	\$119,052	\$124,118	\$119,687	\$126,708

ALL PRICES SHOWN ARE NET PRICES
Do not discount prices shown

Prices are for boiler only with standard trim
BURNER AND CONTROLS ARE NOT INCLUDED AND MUST BE ADDED SEPARATELY
Options not shown are not available
No specials are allowed

Steam Boilers

TABLE 2
Trim

On/Off Feedwater Valve Train	
(1) Stop Valve	
(2) (1) Check Valve	
Option: FW1	100 HP price add: \$454
Option: FW2	125 - 350 HP price add: \$644
Option: FW3	400 - 750 HP price add: \$797
Electric Proportioning Feedwater Valve Train	
(1) Stop Valve	Choose only one option in this section
(1) Check Valve	
(1) By-pass piping set with isolation valves	
(1) Electric proportioning feedwater valve - JBC Valve	
(1) McDonnell Mill #194-7B water column/valve controller	
Option: FW6	200 - 350 HP price add: \$6,419
Option: FW7	400 - 500 HP price add: \$7,348
Option: FW8	600 - 750 HP price add: \$7,639
<i>Note: Electric modulating level controls are only for use with 150 psig steam boilers 200 HP and larger.</i>	

Continuous Blowoff Valve Train	
(1) Stop valve	
(2) (1) Metering valve - Manual	
Option: CB1	100 thru 250 HP price add: \$789
Option: CB2	300 thru 600 HP price add: \$909
Option: CB3	750 HP price add: \$1,218

Bottom Blowdown Valve Train	
(1) Slow opening valve - Everlasting	
(2) Quick opening valves - Everlasting	
Option: BB1	100 thru 150 HP price add: \$4,956
Option: BB2	200 thru 750 HP price add: \$5,519

Hot Water Units

Manual Vent Valve Train	
(1) Stop Valve	
Option: MV1	100 - 750 HP price add: \$713
Auxiliary Low Water Cutoff	
(1) McDonnell Miller #150M	
Option: AL1	100 - 750 HP price add: \$1,211

Bottom Drain Valve Train	
(1) Slow opening valve - Everlasting	
Option: BD1	100 thru 150 HP price add: \$1,760
Option: BD2	200 thru 750 HP price add: \$2,030

TABLE 3
Burner Mounting

Burner Mounting Options										
Note: Price does not include burner refractory cone and adapter										
Boiler HP	Burner Mounting Only			Burner Mounting With Level 1 Firetest			Burner Mounting With Level 2 Firetest			FGR
	Gas	#2 Oil	Combination Gas #2 Oil	Gas	#2 Oil	Combination Gas #2 Oil	Gas	#2 Oil	Combination Gas #2 Oil	
100	\$935	\$935	\$1,351	\$1,683	\$1,683	\$2,098	\$5,426	\$5,426	\$5,841	Consult Factory
125 - 250	\$935	\$935	\$1,351	\$1,683	\$1,683	\$2,098	\$5,426	\$5,426	\$5,841	
300	\$935	\$935	\$1,351	\$1,683	\$1,683	\$2,098	\$5,426	\$5,426	\$5,841	
350 - 600	\$1,351	\$1,351	\$1,871	\$2,098	\$2,098	\$2,618	\$5,841	\$5,841	\$6,361	
750	\$1,871	\$1,871	\$2,495	\$2,618	\$2,618	\$3,242	\$6,361	\$6,361	\$6,985	

BURNER MOUNTING pricing includes

Burner Mounting Only - Natural Gas or #2 Oil:

- Customer supplied burner and refractory cone** will be factory mounted
- Fuel train components** will be piped and mounted on skid
- Oil pump, compressor and or strainer** will be shipped loose with boiler
- Wiring** between boiler trim and burner controls will be run in NEMA 1 greenfield conduit

Mounting with Level 1 Firetest - Natural Gas and or #2 Oil:

- Customer supplied burner and refractory cone** will be factory mounted
- Fuel train components** will be piped and mounted on skid
- Oil pump, compressor and or strainer** will be shipped loose with boiler
- Wiring** between boiler trim and burner controls will be run in NEMA 1 greenfield conduit
- Factory firetest** on light off and low fire only, burner will not be run at full load and combustion curves will not be set

Mounting with Level 2 Firetest - Natural Gas and or #2 Oil:

- Customer supplied burner and refractory cone** will be factory mounted
- Fuel train components** will be piped and mounted on skid
- Oil pump and or compressor and or strainer** will be shipped loose with boiler
- Wiring** between boiler trim and burner controls will be run in NEMA 1 greenfield conduit
- Factory firetest** on light off thru high fire, burner will be adjusted tuned. A firetest report will be included

Note: When Level 2 factory firetest is selected JBC may require factory assistance with burner and controls. If this is required costs for these services will be at customers expense based on actual time and materials.

TABLE 4
Burner Control & Trim

Burner, control, and trim options (Not included in burner mounting pricing)	
Add for control panel mounting (If supplied loose from burner)	\$1,064
Add for flanged gas trains - (Maximum 4" flanged)	\$1,064
Add for rigid and sealtight conduit (In lieu of standard greenfield conduit)	\$780
Add for linkagless system set-up	\$413
Add for remote combustion air fan mounting (Shipped loose from boiler)	\$488
Add for sequencing draft controls mounted and wired	\$841
Add for VFD mounting and wiring (VFD Shipps loose)	\$374
Add for O₂ trim mounting	\$854
Note: Factory mounted PLC based control systems are not allowed with 309 Series	

Notes:

1. Control panels, and accessories will only be mounted if they are able to fit within standard skid dimensions
2. Freight, offloading, rigging, and taxes are not included in price
3. Reference **Bulletin 309-1T** for weights, dimensions, technical data, and detailed descriptions of standard trim
4. Do not supply fully assembled gas trains. Gas train components must be shipped loose for factory assembly by JBC
5. Final burner set-up will be required post installation at job site. Factory firetest does not guarantee actual jobsite performance
6. Burners must be equipped with spare terminals for low fire hold switch



When Ordering

- ◆ Provide Complete pricing breakdown
- ◆ Complete and return order entry documents below
- ◆ Provide burner details to include delivery schedule, model number, and combustion control series and type

Equipment Sales Order Administration Information		Boiler Data Sheet	
Date		Quantity	
Job Name (End User)		Series	309
Job Location (City & State)		Model Number	See sample model number below
Order Approved For <input type="checkbox"/> Manufacturing <input type="checkbox"/> Submittals <input type="checkbox"/> Other (specify)		Horsepower	
Shipping Date Required		Number Of Passes	3
Customer Witnessed Test <input type="checkbox"/> Hydro <input type="checkbox"/> Firetest		Fuels	<input type="checkbox"/> Natural Gas <input type="checkbox"/> #2 Oil <input type="checkbox"/> Natural Gas & #2 Oil
Invoice To (Purchaser)		Design Pressure	<input type="checkbox"/> 30# Water <input type="checkbox"/> 125# Water <input type="checkbox"/> 15# Steam <input type="checkbox"/> 150# Steam
Address		Operating Pressure	
City		Safety/Relief Valve Set Pressure	
State		Primary Voltage	<input type="checkbox"/> 208-3-60 <input type="checkbox"/> 460-3-60 <input type="checkbox"/> Other (specify)
Zip Code		Natural Gas Pressure Available	
Purchase Order Number		Altitude (Feet above sea level)	
Purchase Order Total		Insurance Requirements	<input type="checkbox"/> NFPA <input type="checkbox"/> GE Gap IRI <input type="checkbox"/> FM <input type="checkbox"/> CSD-1 <input type="checkbox"/> Other (specify)
Freight Amount Included		Water Boiler Data	Supply Temperature ____ Return Temperature ____ Delta T ____
Service Amount Included		Paint Requirements	309 Series Paint and Markings
Tax Exempt Sale <input type="checkbox"/> Yes <input type="checkbox"/> No		Option Code(s)	<input type="checkbox"/> Option Code ____ <input type="checkbox"/> Option Code ____ <input type="checkbox"/> Option Code ____
If Yes - Tax Exempt Number		Burner Mounting Options Specify One Only	<input type="checkbox"/> Burner mounting only <input type="checkbox"/> Burner mounting with level 1 firetest <input type="checkbox"/> Burner mounting with level 2 firetest
Payment Terms		Burner Control & Trim Options	<input type="checkbox"/> Control panel mounting <input type="checkbox"/> Flanged gas train (maximum 4" flanged) <input type="checkbox"/> Rigid & Sealite conduit <input type="checkbox"/> Linkageless system <input type="checkbox"/> Remote combustion air fan assembly <input type="checkbox"/> Sequencing draft controls <input type="checkbox"/> VFD mounting <input type="checkbox"/> O ₂ Trim mounting
Submittal Requirements <input type="checkbox"/> Electronic - Emailed <input type="checkbox"/> Hard Copy (Qty.)		Other Special Requirements (Clearly Specify)	
Manual Requirements <input type="checkbox"/> Electronic - CD <input type="checkbox"/> Hard Copy (Qty.)			
Warranty <input type="checkbox"/> Standard 1 Year/18 months <input type="checkbox"/> Special - Describe			
Start-Up By			
Send Start-Up Controls To			
Special Start-up Requirements			
Shipping Terms <input type="checkbox"/> FOB Factory <input type="checkbox"/> Other (specify)			
Carrier <input type="checkbox"/> JBC To Arrange <input type="checkbox"/> Other (specify)			
Ship To			
Street Address			
City			
County			
State			
Zip Code			
Notification Requirements <input type="checkbox"/> Call when ready <input type="checkbox"/> Other (specify)			
Tag/Marking Requirements			
Additional Information			

Sample Model Number

Model Number

Model: **PFB X 100 - 3 LG 150 S**

309 Series Burner Type Boiler HP Number of Passes Fuels Design Pressure S = Steam W = Water

Options and Codes as selected:

FW1 = On/Off Feedwater valve train
BB1 = Bottom blowdown valve train
 Control Panel mounting
 Linkageless system set-up



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