



Johnston Boiler Company  
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**Model Key Description**  
**3 Pass - Water Back Design**

The 309 Series package consists of the pressure vessel, base assembly, and boiler trim  
 Burner and controls are provided by others

Sample Model number:

Model Number	PFB	W	100	-	3	G	150	S	-	Option Codes		
Position Description	1	2	3	-	4	5	6	7	-	BB1	CB1	FW1
										8	9	10

1. **Model** = **PFB** = **Packaged Firetube Boiler**
  2. **Type of Burner** =
    - A = Alzeta burner
    - I = Industrial Combustion burner
    - L = Limpsfield burner
    - P = Power Flame burner
    - R = Riello burner
    - S = ST Johnson burner
    - W = **Webster burner**
    - X = No burner
  3. **Boiler Horsepower** = **100** = **100 HP** (100 – 750 HP available)
  4. **Number of passes** = **3** = **3 pass**
  5. **Fuels** =
    - L = Light oil
    - G = **Natural gas**
    - LG = Light oil and Natural gas
  6. **Design Pressure** =
    - 15 = 15 psi design pressure (Steam)
    - 150 = 150 psi design pressure (Steam)**
    - 30 = 30 psi design pressure (Water)
    - 125 = 125 psi design pressure (Water)
  7. **Type of Boiler** =
    - S = **Steam**
    - W = Hot Water
- Options
8. **BB1** = **Bottom Blowdown**
  9. **CB1** = **Continuous Blowoff**
  10. **FW1** = **Feed Water Valve Train**