WHR Series

WASTE HEAT BOILERS

Model Description Key

The Johnston boiler is a steam or hot water waste heat firetube boiler, 15# to 350# design pressure, 1, 2 or 3 pass, of welded steel construction. The package consists of a pressure vessel, base frame, miscellaneous boiler trim and burner/control systems for combination waste heat/fired applications.

Your Johnston waste heat boiler will be assigned a model number made up of the following:

WHR	X	93X12	-	1	X	150	S
1	2	3	-	4	5	6	7

1. **WHR, WHX** = Firetube (Standard Tubes), Firetube (XID Tubes)

2. **Type of Burner** =
J = Johnston "J" burner

A	=	Johnston "A" burner
I	=	Industrial Combustion burner
JO	=	Ohio Special with "J" style burner
AO	=	Ohio Special with "A" style burner
X	=	No burner
P	=	Power Flame burner
G	=	Gordon Piatt burner
W	=	Webster burner
S	=	Johnston "S" burner
Z	=	Alzeta

3. **Size** = Shell inside diameter x shell length (inches)

4. **Number of passes** = 1, 2 or 3

5. **Fuels** =

H	=	Heavy oil
M	=	Medium oil
L	=	Light oil
G	=	Natural gas
P	=	Propane or Propane-Air Mix
X	=	Special or no burner supplied at factory

6. **Design Pressure** = 15 to 350

7. **Type of Boiler** =

S	=	Steam
W	=	Hot Water
WG	=	Water Glycol