

**TABLE 8**  
**STEAM LINE ORIFICE CHART**

BOILER SIZE	HIGH PRESSURE UNION SIZE IN.	SIZE OF ORIFICE IN INCHES @ SAFETY VALVE PRESSURE SHOWN			
		100 PSI	125 PSI	150 PSI	200PSI
1-1/2	1/2"	5/32	1/8	7/64	3/32
3	1/2"	7/32	11/64	5/32	9/64
5 U-DRUM	1 "	9/32	7/32	13/64	3/16
7	3/4"	21/64	1/4	15/64	7/32
8 U-DRUM	1 "	23/64	9/32	17/64	15/64
9.5 OR 10	1 "	13/32	21/64	19/64	17/64
12 U-DRUM	1-1/4"	7/16	23/64	21/64	9/32
15	1 "	31/64	13/32	23/64	21/64
16 U-DRUM	1-1/4"	1/2	27/64	3/8	11/32
20	1-1/4"	9/16	29/64	27/64	3/8
22 U-DRUM	1-1/2"	19/32	31/64	7/16	13/32
25	1-1/4"	5/8	33/64	29/64	27/64
30	1-1/2"	11/16	9/16	1/2	29/64
40	2 "	13/16	21/32	19/32	17/32
AFTER 4/85 50 SN 31511	(2)2 "	(2) 5/8	(2) 33/64	(2) 15/32	(2) 27/64
BEFORE 5/85 50 SN 31512	(1)2 "	57/64	23/32	21/32	19/32
70	(2)2 "	(2) 47/64	(2) 19/32	(2) 35/64	(2) 1/2
90	(2)2 "	(2) 53/64	(2) 11/16	(2) 39/64	(2) 19/32
115	(2)2 "	(2) 15/16	(2) 49/64	(2) 11/16	(2) 41/64
150	(4)2 "	(4) 49/64	(4) 41/64	(4) 9/16	(4) 33/64

PRESSURE SHOWN IS SAFETY VALVE SETTING.