

Mfr's minimum recommendations

Below minimum recommendation

Exceeds diameter of supply tapping

XXX not enough supply tapplings for this number of risers

Enter pressure (psig)

to calculate at here →

Enter Specific Volume in

cubic feet (ft³) here →

					Riser Diameter And Count						Header Diameter					
					2"	2-1/2"	2"	3"	2-1/2"	3"	2"	2-1/2"	3"	4"	5"	6"
Diameter (sch 40)					3.36	4.78	3.36	7.39	4.78	7.39	3.36	4.78	7.39	12.73	19.99	28.89
Internal area																
number of Risers					1	1	2	1	2	2						
					Steam Velocity in Risers (in ft/sec)						Steam Velocity in Header (in ft/sec)					
Make	Model	Fuel	Model #	Boiler output (lbs/hr)												
Weil-McLain	GOLD SERIES	Oil	SGO-3	119	38.0	26.7	XXX	17.3	XXX	XXX	38.0	26.7	17.3	10.0	6.4	4.4
Weil-McLain	GOLD SERIES	Oil	SGO-4	150	47.9	33.6	XXX	21.8	XXX	XXX	47.9	33.6	21.8	12.6	8.0	5.6
Weil-McLain	GOLD SERIES	Oil	SGO-5	181	57.7	40.6	XXX	26.3	XXX	XXX	57.7	40.6	26.3	15.2	9.7	6.7
Weil-McLain	GOLD SERIES	Oil	SGO-6*	219	69.9	49.1	34.9	31.8	24.6	15.9	69.9	49.1	31.8	18.4	11.7	8.1
Weil-McLain	GOLD SERIES	Oil	SGO-6**	219	69.9	49.1	34.9	31.8	24.6	15.9	69.9	49.1	31.8	18.4	11.7	8.1
Weil-McLain	GOLD SERIES	Oil	SGO-7*	250	79.8	56.1	39.9	36.3	28.0	18.1	79.8	56.1	36.3	21.1	13.4	9.3
Weil-McLain	GOLD SERIES	Oil	SGO-7**	250	79.8	56.1	39.9	36.3	28.0	18.1	79.8	56.1	36.3	21.1	13.4	9.3
Weil-McLain	GOLD SERIES	Oil	SGO-8*	277	88.4	62.1	44.2	40.2	31.1	20.1	88.4	62.1	40.2	23.3	14.9	10.3
Weil-McLain	GOLD SERIES	Oil	SGO-8**	277	88.4	62.1	44.2	40.2	31.1	20.1	88.4	62.1	40.2	23.3	14.9	10.3
Weil-McLain	GOLD SERIES	Oil	SGO-9*	307	97.9	68.9	49.0	44.5	34.4	22.3	97.9	68.9	44.5	25.9	16.5	11.4
Weil-McLain	GOLD SERIES	Oil	SGO-9**	307	97.9	68.9	49.0	44.5	34.4	22.3	97.9	68.9	44.5	25.9	16.5	11.4

One pipe parallel and two-pipe systems*

One-pipe counterflow systems**

Williamson	OSB	Oil	OSB-3	119	38.0	26.7	XXX	17.3	XXX	XXX	38.0	26.7	17.3	10.0	6.4	4.4
Williamson	OSB	Oil	OSB-4	150	47.9	33.6	XXX	21.8	XXX	XXX	47.9	33.6	21.8	12.6	8.0	5.6
Williamson	OSB	Oil	OSB-5	181	57.7	40.6	XXX	26.3	XXX	XXX	57.7	40.6	26.3	15.2	9.7	6.7
Williamson	OSB	Oil	OSB-6	219	69.9	49.1	34.9	31.8	24.6	15.9	69.9	49.1	31.8	18.4	11.7	8.1
Union Steam	OSB	Oil	OSB-3-100	121	38.6	27.1	XXX	17.6	XXX	XXX	38.6	27.1	17.6	10.2	6.5	4.5
Union Steam	OSB	Oil	OSB-4-110	134	42.8	30.1	XXX	19.4	XXX	XXX	42.8	30.1	19.4	11.3	7.2	5.0
Union Steam	OSB	Oil	OSB-4-125	151	48.2	33.9	XXX	21.9	XXX	XXX	48.2	33.9	21.9	12.7	8.1	5.6
Union Steam	OSB	Oil	OSB-5-135	165	52.6	37.0	XXX	23.9	XXX	XXX	52.6	37.0	23.9	13.9	8.8	6.1
Union Steam	OSB	Oil	OSB-5-150	182	58.1	40.8	XXX	26.4	XXX	XXX	58.1	40.8	26.4	15.3	9.8	6.8
Union Steam	OSB	Oil	OSB-6-175	213	68.0	47.8	34.0	30.9	23.9	15.4	68.0	47.8	30.9	17.9	11.4	7.9
Union Steam	OSB	Oil	OSB-6-200	242	77.2	54.3	38.6	35.1	27.1	17.6	77.2	54.3	35.1	20.4	13.0	9.0