

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→

0

Enter Specific Volume in cubic feet (ft3) here→

26.8

		Riser Diameter And Count					Header Diameter					
Large Risers	Diameter (sch 40)	2"	3"	2-1/2"	3"	2-1/2"						
	Internal area	3.36	7.39	4.78	7.39	4.78						
	number of Risers	2	1	2	1	2						
Small Risers	Diameter (sch 40)					2"	2"	3"	4"	5"	6"	8"
	Internal area					3.36	3.36	7.39	12.73	19.99	28.89	51.15
	number of Risers					1	1					

Boiler output (lbs/hr)

Steam Velocity in Risers (in ft/sec)

Steam Velocity in Header (in ft/sec)

Make	Model	Fuel	Model #	Boiler output (lbs/hr)	XXX	19.6	XXX	XXX	XXX	19.6	11.4	7.2	5.0	2.8
Slant/Fin	Intrepid	Oil	TR-30-1.10	135	XXX	19.6	XXX	XXX	XXX	19.6	11.4	7.2	5.0	2.8
Slant/Fin	Intrepid	Oil	TR-40H	183	XXX	26.5	XXX	XXX	XXX	26.5	15.4	9.8	6.8	3.8
Slant/Fin	Intrepid	Oil	TR-40-1.60	196	XXX	28.4	XXX	XXX	XXX	28.4	16.5	10.5	7.3	4.1
Slant/Fin	Intrepid	Oil	TR-50H	249	39.7	36.1	27.9	24.8	20.7	36.1	21.0	13.4	9.2	5.2
Slant/Fin	Intrepid	Oil	TR-50-2.10	255	40.7	37.0	28.6	25.4	21.2	37.0	21.5	13.7	9.5	5.3
Slant/Fin	Intrepid	Oil	TR-60-2.60	324	51.7	47.0	36.3	32.3	26.9	47.0	27.3	17.4	12.0	6.8
Slant/Fin	Intrepid	Oil	TR-70-3.10	377	60.1	54.7	42.3	37.6	31.3	54.7	31.7	20.2	14.0	7.9

Peerless	Series SC	Gas	SC(T)-05	341	54.4	49.5	38.2	34.0	28.3	49.5	28.7	18.3	12.7	7.1
Peerless	Series SC	Gas	SC(T)-06	426	68.0	61.8	47.8	42.5	35.3	61.8	35.9	22.8	15.8	8.9
Peerless	Series SC	Gas	SC(T)-07	488	77.8	70.8	54.7	48.7	40.5	70.8	41.1	26.2	18.1	10.2
Peerless	Series SC	Gas	SC(T)-08	549	87.6	79.6	61.6	54.7	45.6	79.6	46.2	29.4	20.4	11.5
Peerless	Series SC	Gas	SC(T)-09	610	97.3	88.5	68.4	60.8	50.6	88.5	51.4	32.7	22.6	12.8
Peerless	Series SC	Gas	SC(T)-10	672	107.2	97.5	75.4	67.0	55.8	97.5	56.6	36.0	24.9	14.1