

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 (ft<sup>3</sup>) here→

26.8

					Riser Diameter And Count						Header Diameter						
					2"	2-1/2"	2"	3"	2-1/2"	3"	2"	2-1/2"	3"	4"	5"	6"	
					Internal area	3.36	4.78	3.36	7.39	4.78	7.39	3.36	4.78	7.39	12.73	19.99	28.89
					number of Risers	1	1	2	1	2	2						
					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)													
Slant/Fin	Galaxy	Gas	GXHA-100EDPZ	84	26.8	18.8	XXX	12.2	XXX	XXX	26.8	18.8	12.2	7.1	4.5	3.1	
Slant/Fin	Galaxy	Gas	GXHA-120EDPZ	102	32.5	22.9	XXX	14.8	XXX	XXX	32.5	22.9	14.8	8.6	5.5	3.8	
Slant/Fin	Galaxy	Gas	GXHA-160EDPZ	136	43.4	30.5	XXX	19.7	XXX	XXX	43.4	30.5	19.7	11.5	7.3	5.0	
Slant/Fin	Galaxy	Gas	GXHA-200EDPZ	172	54.9	38.6	XXX	25.0	XXX	XXX	54.9	38.6	25.0	14.5	9.2	6.4	
Slant/Fin	Galaxy	Gas	GXH-230EDPZ	198	63.2	44.4	XXX	28.7	XXX	XXX	63.2	44.4	28.7	16.7	10.6	7.3	
Slant/Fin	Galaxy	Gas	GXH-250EDPZ	217	69.2	48.7	XXX	31.5	XXX	XXX	69.2	48.7	31.5	18.3	11.6	8.1	
Slant/Fin	Galaxy	Gas	GXH-275EDPZ	235	75.0	52.7	XXX	34.1	XXX	XXX	75.0	52.7	34.1	19.8	12.6	8.7	
Slant/Fin	Galaxy	Gas	GXH-300HEDPZ	249	79.4	55.8	XXX	36.1	XXX	XXX	79.4	55.8	36.1	21.0	13.4	9.2	