



THCSV CLEAN STEAM GENERATOR SIZING CHART				
PLANT STEAM PRESSURE (PSIG)	CLEAN STEAM OUTLET PRESSURE (PSIG)	CLEAN STEAM OUTLET CAPACITY LB/HR	MODEL #	SHELL SIZE
15	5	110	THCSV-500	8 INCH
25	5 - 30	330		8 INCH
50	5 - 30	440		8 INCH
75	5 - 30	500		8 INCH
100	5 - 40	550		8 INCH
125	5 - 40	770		8 INCH
15	5	390	THCSV-1000	10 INCH
25	5 - 15	610		10 INCH
50	5 - 15	830		10 INCH
75	15 - 40	1,080		10 INCH
100	15 - 60	1,380		10 INCH
125	15 - 60	1,460		10 INCH
15	5	420	THCSV-2500	12 INCH
25	10 - 15	725		12 INCH
50	10 - 15	1,320		12 INCH
75	15 - 40	1,730		12 INCH
100	15 - 60	2,150		12 INCH
125	15 - 60	2,550		12 INCH
15	5	660	THCSV-4000	16 INCH
25	10 - 15	970		16 INCH
50	10 - 15	1,820		16 INCH
75	15 - 40	2,150		16 INCH
100	15 - 60	2,810		16 INCH
125	15 - 60	3,520		16 INCH
15	5	1,820	THCSV-8000	20 INCH
25	10 - 15	1,980		20 INCH
50	10 - 15	3,410		20 INCH
75	15 - 40	4,020		20 INCH
100	15 - 60	5,500		20 INCH
125	15 - 60	7,150		20 INCH
15	5	3,190	THCSV-10000	24 INCH
25	10 - 15	3,520		24 INCH
50	10 - 15	4,400		24 INCH
75	15 - 40	5,390		24 INCH
100	15 - 60	7,920		24 INCH
125	15 - 60	11,220		24 INCH

Selection Tips

1. The capacities shown above are based on 60F feedwater inlet temperatures, 316L 18 gauge tubes.
2. Always select a generator that is capable of producing 15% more steam outlet than actual.
3. Always use a preheater anytime your outlet clean steam pressure is higher than 15 psig to insure 95% dryness fraction.
4. Consult the factory for sizing outside of the above parameters
5. Consult the factory for sizing using copper or cupronickel tubes.
6. The above capacities shown are at a 95% dryness fraction and above.