

STEAM GENERATOR APPLICATION CHART

Project _____
 Item _____
 Quantity _____
 FCSI Section 11400 _____
 Approved _____
 Date _____

Steam Generator Data	①			②		③	
	KETTLES ONLY	CONVECTION STEAMERS		PRESSURE STEAMERS		ConvectionPro® XVI or SteamPro® XVI	
	Maximum Total Capacity	Including Kettles(s)	Without Kettle	Including Kettle(s)	Without Kettle	Including Kettle(s)	Without Kettle
Gas							
Input 200,000 BTU/hr. Output per hr. 3.6 Bo.hp 125 lbs. Steam/hr.	70 Gal. *	2 Compt. +40 Gal. *	4 Compt.	2 Compt. +55 Gal. *	4 Compt.	N/A	N/A
Input 250,000 BTU/hr. Output per hr. 4.4 Bo.hp 150 lbs. Steam/hr.	85 Gal. *	2 Compt. +50 Gal. *	5 Compt.	2 Compt. +70 Gal. *	5 Compt.	N/A	N/A
Input 300,000 BTU/hr. Output per hr. 5.2 Bo.hp 180 lbs. Steam/hr.	100 Gal. *	2 Compt. +70 Gal. **	6 Compt.	2 Compt. +85 Gal. *	6 Compt.	2 Compt. No kettles	2 Compt.
Electric							
Input per hr. 24 KW Output per hr. 2.0 Bo.hp 70 lbs. Steam/hr.	40 Gal. *	N/A	N/A	2 Compt. +20 Gal. *	2 Compt.	N/A	N/A
Input per hr. 36 KW Output per hr. 3.5 Bo.hp 120 lbs. Steam/hr.	70 Gal. *	2 Compt. +35 Gal. *	4 Compt.	2 Compt. +50 Gal. *	4 Compt.	N/A	N/A
Input per hr. 48 KW Output per hr. 4.3 Bo.hp 150 lbs. Steam/hr.	85 Gal. *	2 Compt. +50 Gal. *	5 Compt.	2 Compt. +70 Gal. *	5 Compt.	2 Compt. No kettles	2 Compt.
Steam Coil							
30 psi supply	Connect kettles directly to building steam	Connect kettles directly to building steam	None	Connect kettles directly to building steam	2 Compt.	Connect kettles directly to building steam	N/A
35 psi supply			2 Compt.		N/A		
40 psi supply			2 Compt.		2 Compt.		
45 psi supply			2 Compt.		3 Compt.		
50 psi supply			2 Compt.		3 Compt.		
SteamCraft Power 10 Input 240,000 BTU 180 lbs. Steam/hr.	100 Gal. *	2 Compt. +70 Gal.	6 Compt.	N/A	N/A	N/A	N/A

*In these units, all equipment should not be turned on simultaneously. Operation must be sequential. As an example, with a multiple kettle combination or a steam kettle combination, if more than one piece of equipment must be used at the same time, heat one kettle first. Then, when the steam pressure returns, another kettle or steamer compartment may be started, and so on.

** Not applicable for kettles when using 36 CGM16300.

- ① KETTLE(S), CALCULATED FOR MEDIUM SPEED COOKING.
- ② PRESSURE STEAMERS, CALCULATED WITH STEAM FLOW RATE REQUIRED DURING COOKING.
- ③ SteamPro® XVI, CALCULATED WITH STEAM FLOW RATE REQUIRED IN CONVECTION MODE.