STS Humidifiers

STS; Steam-to-steam

STS humidifiers produce chemical-free steam using the heat of boiler steam for humidification. It accomplishes this by using boiler steam in the heat exchanger to evaporate clean fill water into humidified steam. This inexpensive method (compared to electricity) eliminates the problems caused by softening the boiler water.



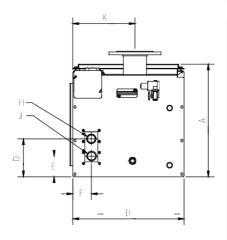
- The capacity of each unit is 4.5-726 kg/h.
- 4 devices can be connected to each other to increase capacity up to 2904 kg/h.
- There is a microprocessor band control and monitor on the device.
- It can be controlled on/off or proportionally.
- Control precision ± is 3% relative humidity.
- It can be connected to all building automation systems and is suitable for all signals.
- Works with all types of water; mains, soft water, reverse osmosis and ionized water.
- The steam produced can be discharged into the channel or area.
- End-of-season automatic washing prevents the risk of bacterial growth.
- The cleaning plate and detachable cover provide ease of control and maintenance.



Capacity Values

		Code			
Model					
	34	69	90	103	
STS-25C	9	32	45	54	40102701
STS-25S	5	11	14	16	40102702
STS-50C	23	68	91	109	40102703
STS-50S	14	25	34	36	40102704
STS-100C	45	136	181	218	40102705
STS-100S	27	50	64	68	40102706
STS-200S	68	132	163	177	40102707
STS-400C	136	263	327	358	40102708
STS-800C	295	578	680	726	40102709

Humidification Dimensions



Model	Α	В	С	D	Е	F	G	Н	J	K	Г	М
STS-25C	495	375	600	168	92			83	3/4"	3/4"	159	64
STS-25S	495	375	600	174	85			83	3/4"	3/4"	159	64
STS-50C	495	375	1007	168	92			83	11/ 4"	3/4"	219	57
STS-50S	495	375	1007	174	85			83	1"	3/4"	219	57
STS-L00C	495	490	1007	168	92			83	11/ 4"	11/ 4"	245	70
STS-I00S	495	489	1007	174	85			83	1"	3/4"	245	70
STS-200S	495	768	1401	174	85			83	11/2"	3/4"	330	95
STS-400C	495	768	1401	168	92			83	11/2"	11/4"	330	95
STS-400SNC	495	768	1401	174	85			83	11/2"	3/4"	330	95
STS-800C	756	768	1401	168	92	363	285	83	11/2"	11/4"	330	95
STS-800SNC	756	768	1401	174	85	363	279	83	11/2"	3/4"	330	95

A: Models with copper heat exchangers

D: Models with stainless heat exchangers

