



**VALVE AND FLOW CONTROL SPECIALISTS**  
*SERVICE AND RELIABILITY*

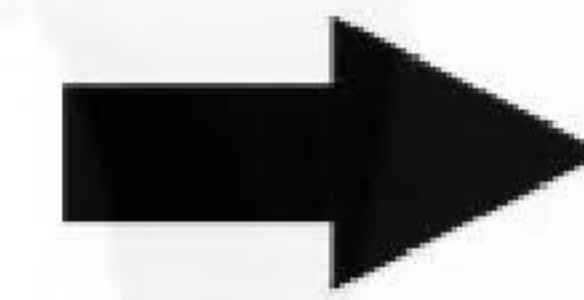
**Bronze Injector  
Steam Sparge Water heating**

**FIGURE NO. VSI-B20**

**End Type:** BSP  
**Material:** BRONZE

Max steam Temp 200 Deg C

These are a robust economical steam sparge - injection hence use steam to raise the temperature of water or other liquids. They work by using a jet of steam to draw in the liquid through the side radial ports, mix it, and distribute the heated liquid throughout the tank or vessel. The circulation induced by the injector ensures thorough mixing and avoids temperature stratification with a minimum of noise. Seven sizes of injector are available to suit a wide range of flowrates. Consideration may be given to multiple units increasing discharges and also uniformity throughout the tank depending on its size



Steam flow direction

## DIMENSIONS & SIZES

SIZE No.	Nominal Steam Pipe mm	Nominal Discharge Pipe mm	Litres of Water/hr raised 16°C at steam pressure of		Kg of Steam/min per heater at Pressure of	
			4.5 kg	36 kg	4.5 kg	36 kg
G	10	15	1022	4136	0.40	1.49
H	15	20	1818	6932	0.68	2.54
J	20	25	2386	8637	0.86	3.17
K	25	32	3068	11251	1.18	4.08
L	32	40	4000	14320	1.40	5.21
M	40	50	4727	17729	1.72	6.44
N	50	65	7273	27730	2.76	10.29

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