

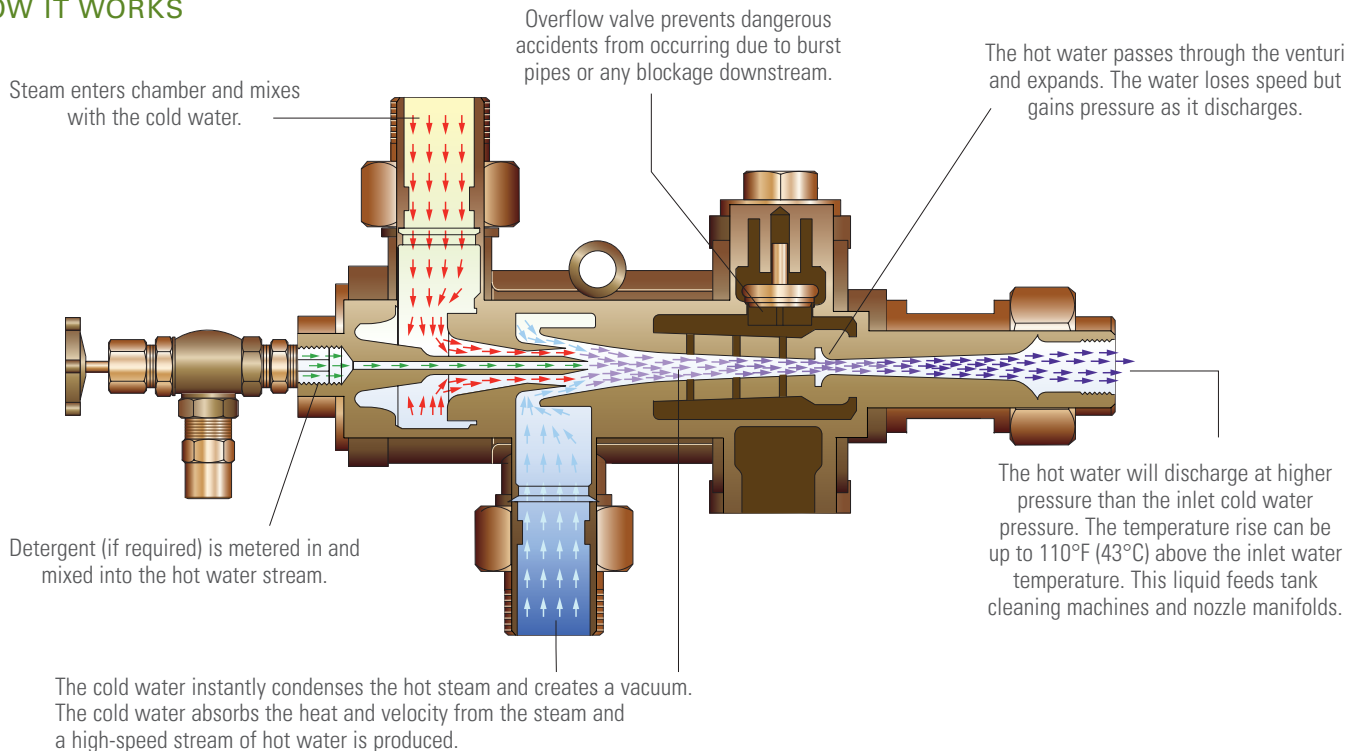
CLOUD-SELLERS B STEAM INJECTOR FEATURES AND BENEFITS

- The Cloud-Sellers B steam injectors are designed for external cleaning of plant equipment. Ideal as feed devices for our hand-held wash down guns and nozzle manifolds
- Non-intrusive: suitable for use with cold, low-pressure water and existing plant steam
- Produces a high-pressure, high-temperature liquid discharge stream
- Increased pressure provides higher impact for cleaning tough residues
- Higher temperature speeds cleaning by quickly breaking down soil
- Eliminates the need for expensive pumps and heat exchangers
- Built-in overflow valve ensures safe operation
- Provides chemical injection via a liquid control valve that siphons chemicals or detergents to maximize cleaning efficiency



Cloud-Sellers B steam injector for liquid discharge capacities up to 34 gpm (129 lpm)

HOW IT WORKS



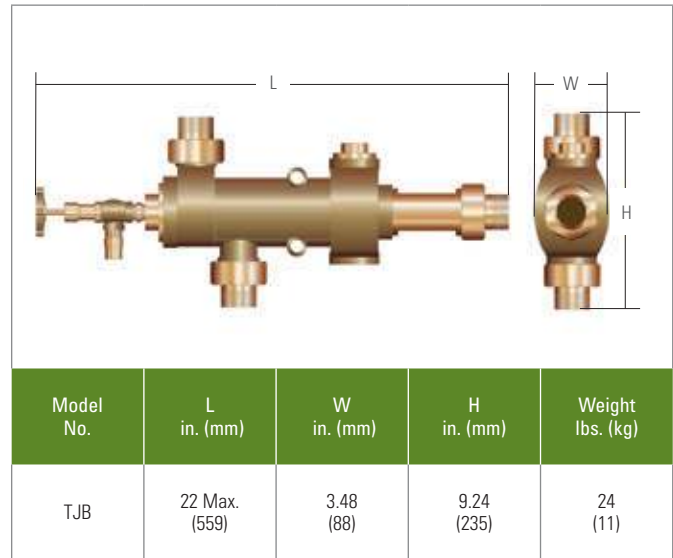
IDEAL FOR CLEANING:

- Personal care tanks
- Food vats
- Refineries
- PTFE, latex, acrylic, polymer, paint and other chemical reactors

SPECIFICATIONS

Model	Cloud-Sellers B Steam Injector
Inlet steam pressure range:	50 to 150 psi (3.4 to 10.3 bar)
Steam capacity range:	160 to 2000 lbs/hr (73 to 907 kgs/hr)
Max. liquid discharge operating pressure:	120 to 340 psi (8.3 to 23.4 bar)
Liquid discharge flow rate:	4 to 34 gpm (15 to 128.7 lpm)
Max. liquid discharge temperature:	180°F (82°C)
Materials:	Brass with 303SS detergent tube with EPDM O-ring
Inlet connection:	Steam: 1-1/4" NPT or BSPT (M); Water: 1-1/4" NPT or BSPT (M); Detergent: 1/2" NPT or BSPT (M)
Outlet connection:	Discharge: 3/4" NPT or BSPT (F); Overflow: 1" NPT (F) or BSPT (M)

DIMENSIONS AND WEIGHTS



PERFORMANCE DATA

Model	Cloud Part No.	Injector No.	Steam Capacity lbs/hr (kg/hr)	Inlet Steam Pressure psi (bar)				
				50 (3.4)	75 (5.2)	100 (6.9)	125 (8.6)	150 (10.3)
				Maximum Liquid Discharge Pressure psi (bar)				
				120 (8.3)	170 (11.7)	220 (15.2)	280 (19.3)	340 (23.4)
Liquid Discharge Capacity gpm (l/min)								
TJB-4	75-11-M	B250	160 to 400 (73 to 181)	4 (15.1)	4.5 (17.0)	5.5 (21)	6 (23)	6.5 (25)
TJB-7	75-11-F	B450	280 to 700 (127 to 318)	7 (26)	8 (30)	9 (34)	10.5 (40)	12 (45)
TJB-9	75-11-H	B600	360 to 900 (163 to 408)	9 (34)	12 (45)	13 (49)	15 (57)	16.5 (62)
TJB-15	75-11-C	B1000	700 to 1500 (318 to 680)	15 (57)	20 (76)	24 (91)	27 (102)	29 (110)
TJB-20	75-11-W	B1250	800 to 2000 (363 to 907)	20 (76)	25 (95)	29 (110)	32 (121)	34 (129)

ORDERING INFORMATION

CLOUD-SELLERS B STEAM INJECTOR

Model	—	Conn.*	—	ND**
EXAMPLE				
TJB-15	—		—	ND

*Add B for BSPT connections. If NPT connection, leave blank.

**Add ND for no detergent flow control valve.