

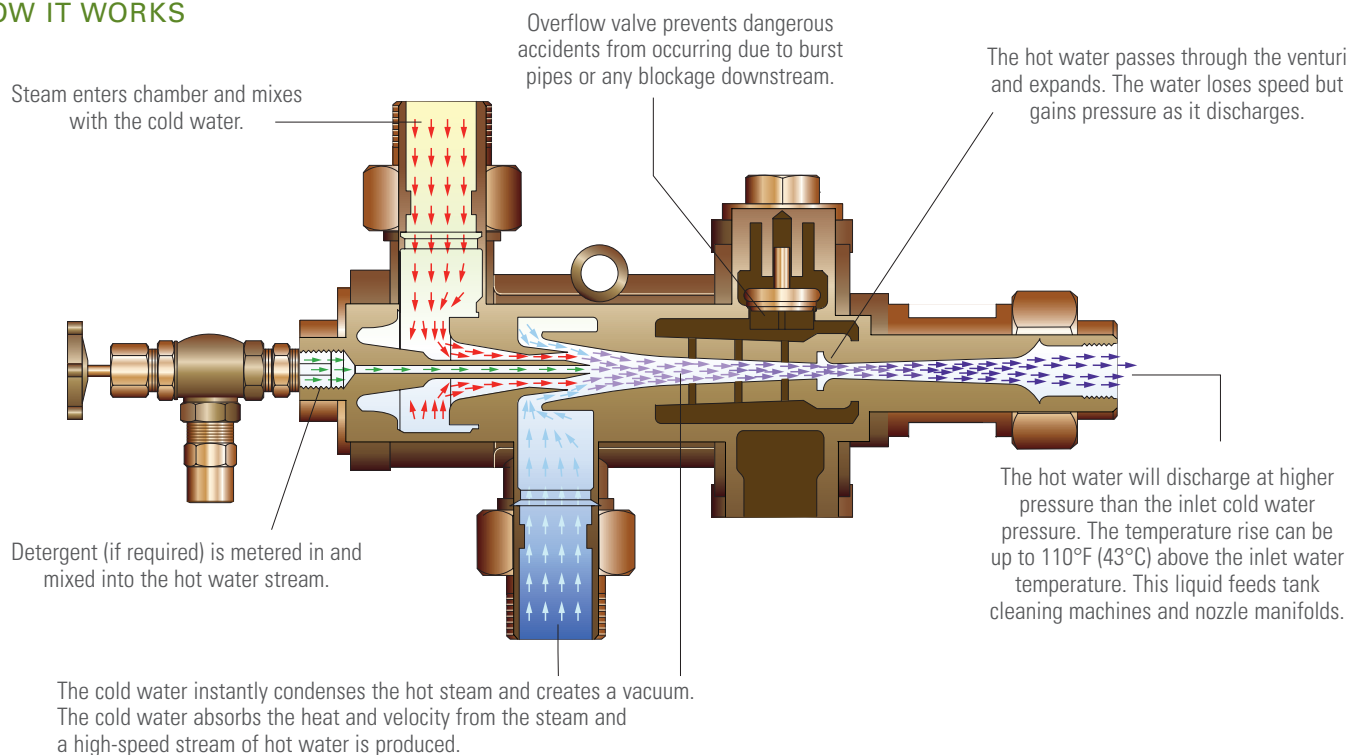
CLOUD-SELLERS B STEAM INJECTOR  
FEATURES AND BENEFITS

- 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

Model No.	L in. (mm)	W in. (mm)	H in. (mm)	Weight lbs. (kg)
TJB	22 Max. (559)	3.48 (88)	9.24 (235)	24 (11)

## 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.



## WASH DOWN GUNJET® FOR USE WITH STEAM INJECTORS

The B Steam Injector combines available steam with low temperature water to create a pressurized hot water washdown. The unit pressurizes and feeds a 114570 Washdown GunJet assembled with a Disk or VeeJet® nozzle to provide a solution to clean stubborn residue from a variety of equipment. In addition, the 114570 Washdown GunJet is ergonomic and lightweight. A trigger on the GunJet allows the operator to shut-off the water flow at the nozzle preventing accidental contact with hot water.

### FEATURES AND BENEFITS

- Hand squeeze control automatically shuts off pressure when released.
- Lance grip insulated from heat
- Choose from multiple spray pattern nozzles
- Shown with 15° body adapter and cap



### WASH DOWN GUNJET ORDER NUMBERS

Part No.	Description
114570-3/4-24-CS	Wash Down GunJet
75-1187	Disk nozzle straight body adapter
75-628	Disk nozzle 15° body adapter
75-354	Disk nozzle retaining nut

### WASH DOWN OPTIONS

 <b>Solid Spray Disk.</b> Solid stream disk spray pattern	 <b>Flat Spray Disk.</b> Flat fan disk with 35° spray pattern	 <b>Solid Spray Nozzle.</b> Round concentrated jet spray pattern for max. range and impact. 3/4" NPT (M)	 <b>Straight Nozzle Adapter and Cap.</b> Use with discs ordered separately	 <b>15° Nozzle Adapter and Cap.</b> Use with discs ordered separately
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### ORDER NUMBERS

Cloud-Sellers B Steam Injector Model	B250	B450	B600	B1000	B1250
Flat Spray Disk	--	--	75-555	75-355	75-556
Solid Spray Disk	75-1519	75-394	75-554	75-357	75-368
Solid Spray Nozzle	--	--	75-957	75-940	75-899



## ACCESSORIES FOR USE WITH WASH DOWN GUNJET®



**Hose Reels** allow for hose to remain connected at all times to the jet feed source and unrestricted solution flow at minimum pressure loss. Available in manual or spring rewind.

**Hoses** 3/4" wire braided hose with spring hose protectors and 3/4" NPT couplings. Flexible, lightweight, able to withstand heat transmitted from hot liquid solutions. Special outer cover extends hose life through superior abrasion and chemical resistance. The hose is static bonded at each end to ground the reinforcement to the coupling. Maximum 1000 psi rating.

Note: Not recommended for steam use

## ORDER NUMBERS

Hose Model	Description
75-1504	3/4" NPT, 25'
75-1096	3/4" NPT, 50'
75-1097	3/4" NPT, 75'
75-1098	3/4" NPT, 100'

Hose Reel Model	Description
75F-1131	Manual Rewind
75F-1146	Spring Rewind

