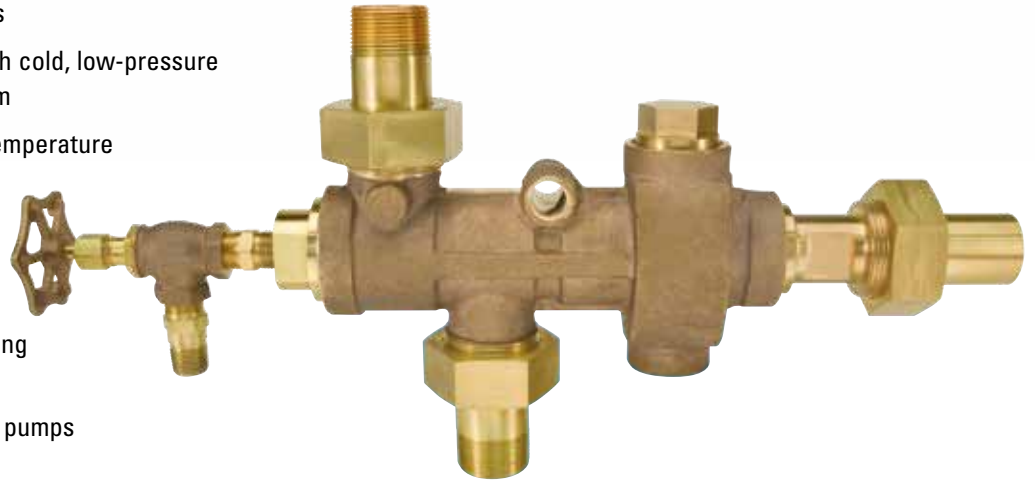


TankJet® B Injector

Efficient Transformation of Steam and Cold Water into High-Pressure, High-Temperature Liquid Feeds

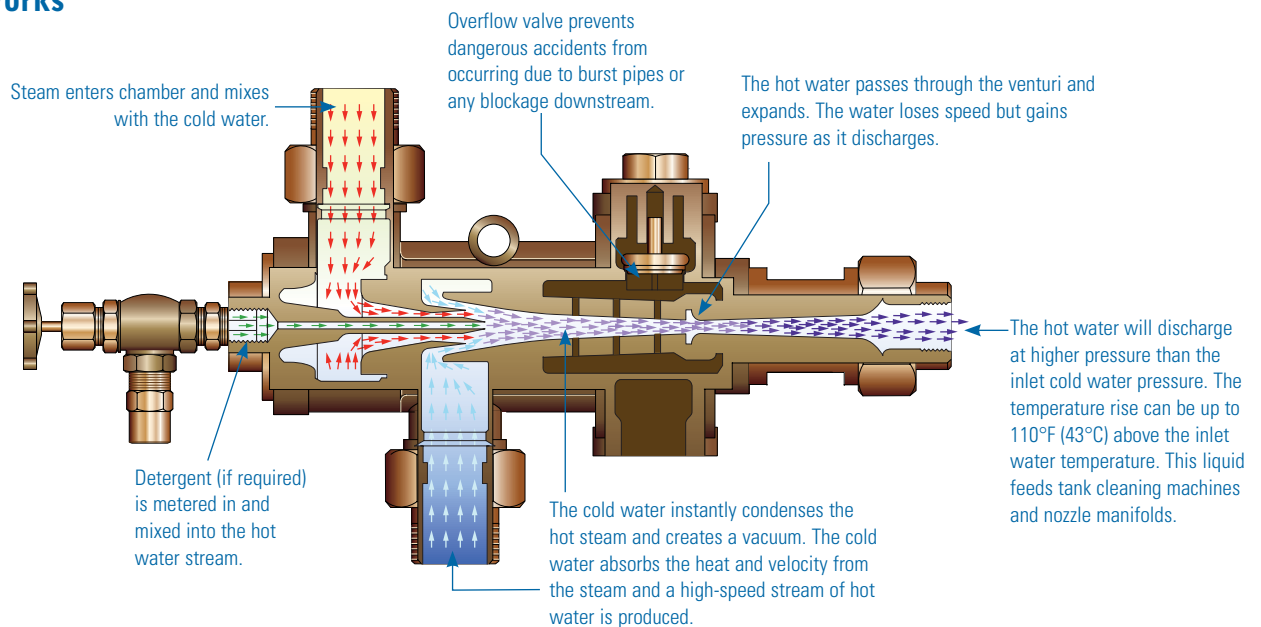
Features and Benefits

- Ideal feed device for tank cleaning machines and custom-designed nozzle manifolds
- Non-intrusive: suitable for use with cold, low-pressure city 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



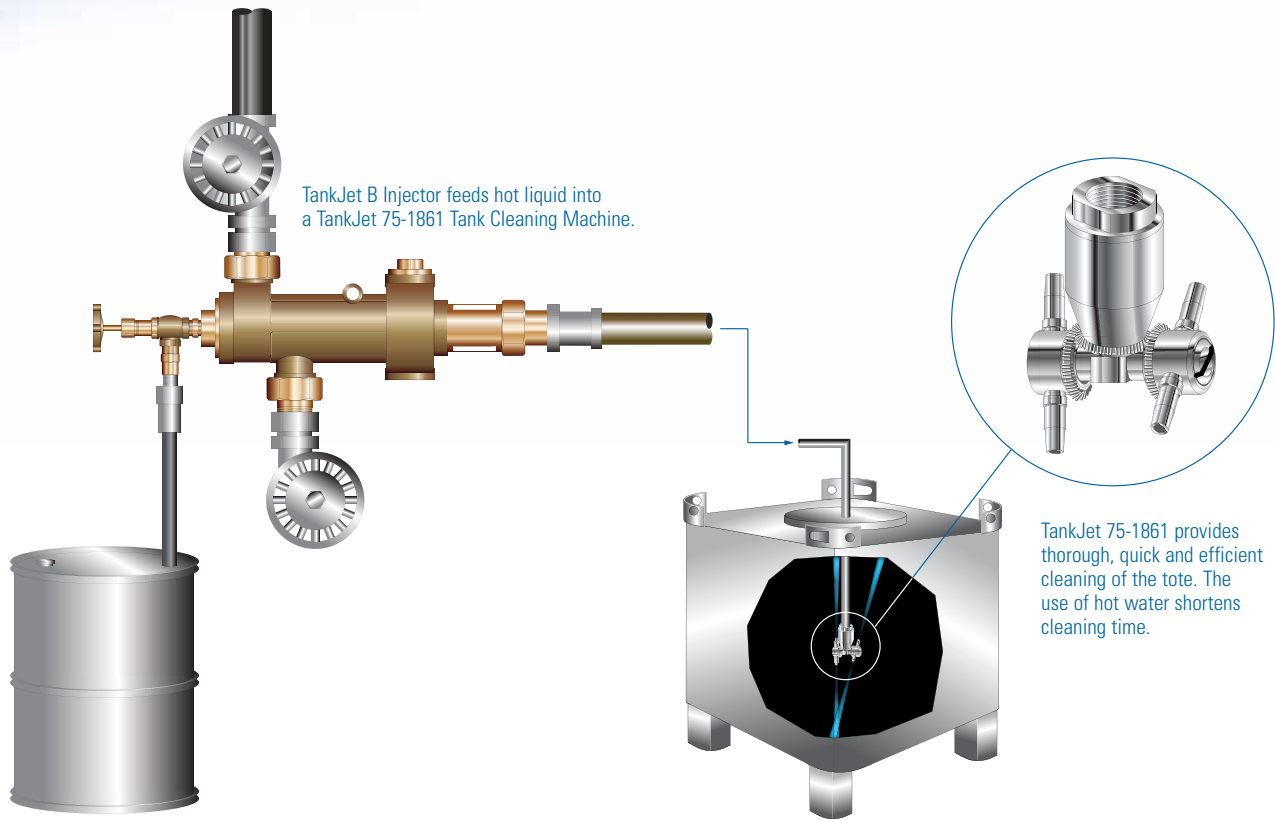
TankJet B Injector
For liquid discharge capacities
up to 34 gpm (129 l/min)

How It Works



Typical Application

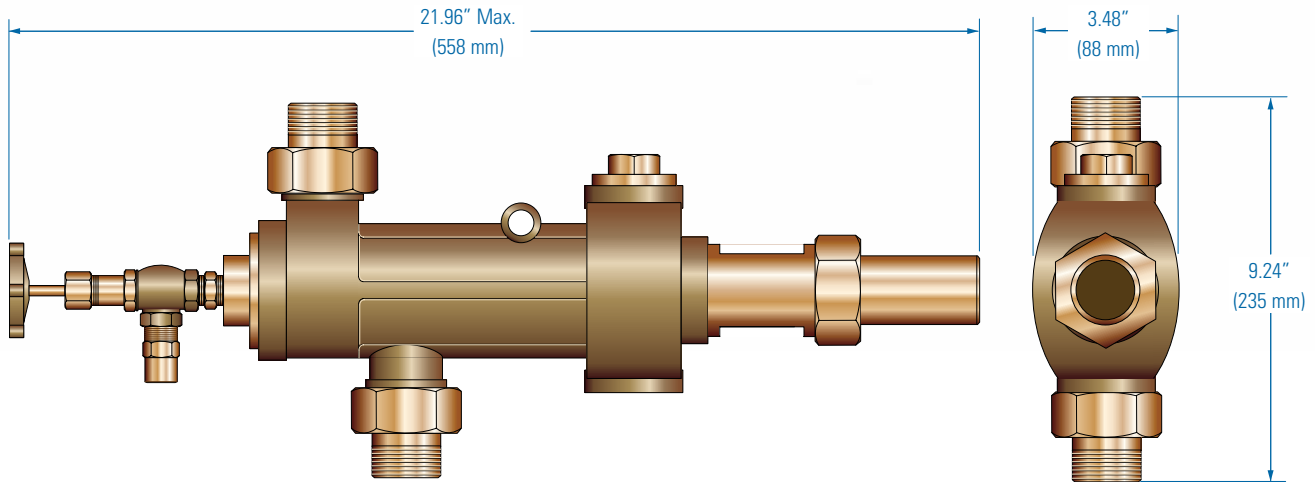
TankJet B Injector Use in Tote Cleaning



Performance Data

TankJet 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	160 to 400 (73 to 182)	4 (15.1)	4.5 (17.0)	5.5 (21)	6 (23)	6.5 (25)
TJB-7	280 to 700 (127 to 318)	7 (26)	8 (30)	9 (34)	10.5 (40)	12 (45)
TJB-9	360 to 900 (163 to 408)	9 (34)	12 (45)	13 (49)	15 (57)	16.5 (62)
TJB-15	700 to 1500 (318 to 680)	15 (57)	20 (76)	24 (91)	27 (102)	29 (110)
TJB-20	800 to 2000 (363 to 907)	20 (76)	25 (95)	29 (110)	32 (121)	34 (129)

Dimensions



Specifications

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 pressure range:	120 to 340 psi (8.3 to 23.4 bar)
Liquid discharge flow rate range:	4 to 34 gpm (15 to 128.7 l/min)
Max. liquid discharge temperature:	180°F (82°C)
Inlet conn.:	Steam: 1-1/4" NPT or BSPT (M); Water: 1-1/4" NPT or BSPT (M); Detergent: 1/2" NPT or BSPT (M)
Outlet conn.:	Discharge: 3/4" NPT or BSPT (F); Overflow: 1" NPT (F) or BSPT (M)
Weight:	24 lbs (11 kg)
Materials:	Brass with 303SS detergent tube and EP O-ring

Ordering Information

TankJet B Injector				
TJB	-	4	-	___*
 Injector No.		 Model Type		 Conn.

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

Tank Cleaning Nozzles Commonly Used with TankJet B Injector

TankJet Tank Cleaning Nozzles	Nozzle Type/Size	Compatible Injector Type	Injector Steam Inlet Pressure Range psi (bar)	Tank Cleaning Nozzles Operating Pressure Range psi (bar)	Tank Cleaning Nozzles Flow Rate Range gpm (l/min)
 <p>TJ-14</p>	C	TJB-15	60 to 150 (4.1 to 10.3)	50 to 150 (3.4 to 10.3)	17 to 29 (64 to 110)
		TJB-20	50 to 150 (3.4 to 10.3)	70 to 200 (4.8 to 13.8)	20 to 34 (76 to 129)
	G, H	TJB-15	55 to 150 (3.8 to 10.3)	50 to 170 (3.4 to 11.7)	16 to 29 (61 to 110)
		TJB-20	50 to 125 (3.4 to 8.6)	80 to 200 (5.5 to 13.8)	20 to 32 (76 to 121)
	D	TJB-15	50 to 140 (3.4 to 9.7)	60 to 200 (4.1 to 13.8)	15 to 28 (57 to 106)
		TJB-20	50 to 90 (3.4 to 6.2)	110 to 200 (7.6 to 13.8)	20 to 28 (76 to 106)
 <p>TJ-19</p>	C	TJB-15	60 to 150 (4.1 to 10.3)	50 to 190 (3.4 to 13.1)	17 to 29 (64 to 110)
		TJB-20	50 to 110 (3.4 to 7.6)	80 to 200 (5.5 to 13.8)	20 to 30 (76 to 114)
	D	TJB-15	50 to 150 (3.4 to 10.3)	50 to 200 (3.4 to 13.8)	15 to 29 (57 to 110)
		TJB-20	50 to 100 (3.4 to 6.9)	90 to 200 (6.2 to 6.2)	20 to 29 (76 to 110)
	G	TJB-9	75 to 150 (5.2 to 10.3)	50 to 90 (3.4 to 6.2)	12 to 16.5 (45 to 62)
		TJB-15	50 to 120 (3.4 to 8.3)	80 to 200 (5.5 to 13.8)	15 to 26 (57 to 98)
		TJB-20	50 to 85 (3.4 to 5.9)	130 to 200 (9.0 to 13.8)	20 to 26 (76 to 98)
	H	TJB-9	60 to 150 (4.1 to 10.3)	50 to 100 (3.4 to 6.9)	10 to 16.5 (38 to 62)
		TJB-15	50 to 100 (3.4 to 6.9)	90 to 200 (6.2 to 6.2)	15 to 24 (57 to 91)
		TJB-20	50 to 70 (3.4 to 4.8)	150 to 200 (10.3 to 13.8)	20 to 24 (76 to 91)
 <p>TJ-75-1858</p>	234	TJB-15	75 to 125 (5.2 to 8.6)	150 to 300 (10.3 to 20.7)	20 to 27 (76 to 102)
		TJB-20	50 to 90 (3.4 to 6.2)	150 to 300 (10.3 to 20.7)	20 to 27 (76 to 102)
	234LP	TJB-9	100 to 150 (6.9 to 10.3)	50 to 120 (3.4 to 8.3)	13 to 16.5 (49 to 62)
		TJB-15	50 to 70 (3.4 to 4.8)	100 to 150 (6.9 to 10.3)	15 to 19 (57 to 72)
	172	TJB-15	50 to 90 (3.4 to 6.2)	150 to 300 (10.3 to 20.7)	15 to 22 (57 to 83)
	172LP	TJB-9	60 to 125 (4.1 to 8.6)	70 to 150 (4.8 to 10.3)	10 to 15 (38 to 57)
 <p>TJ-75-1861</p>	172	TJB-15	110 to 150 (7.6 to 10.3)	150 to 210 (10.3 to 14.5)	25 to 29 (95 to 110)
		TJB-20	75 to 150 (5.2 to 10.3)	150 to 280 (10.3 to 19.3)	25 to 35 (95 to 132)
	172LP	TJB-9	75 to 150 (5.2 to 10.3)	50 to 90 (3.4 to 6.2)	12 to 16.5 (45 to 62)
		TJB-15	50 to 85 (3.4 to 5.9)	80 to 150 (5.5 to 10.3)	15 to 21 (57 to 79)
	125	TJB-15	55 to 95 (3.8 to 6.6)	150 to 300 (10.3 to 20.7)	16 to 23 (61 to 87)
	125LP	TJB-7	100 to 150 (6.9 to 10.3)	50 to 100 (3.4 to 6.9)	9 to 12 (34 to 45)
TJB-9		50 to 125 (3.4 to 8.6)	50 to 140 (3.4 to 9.7)	9 to 15 (34 to 57)	