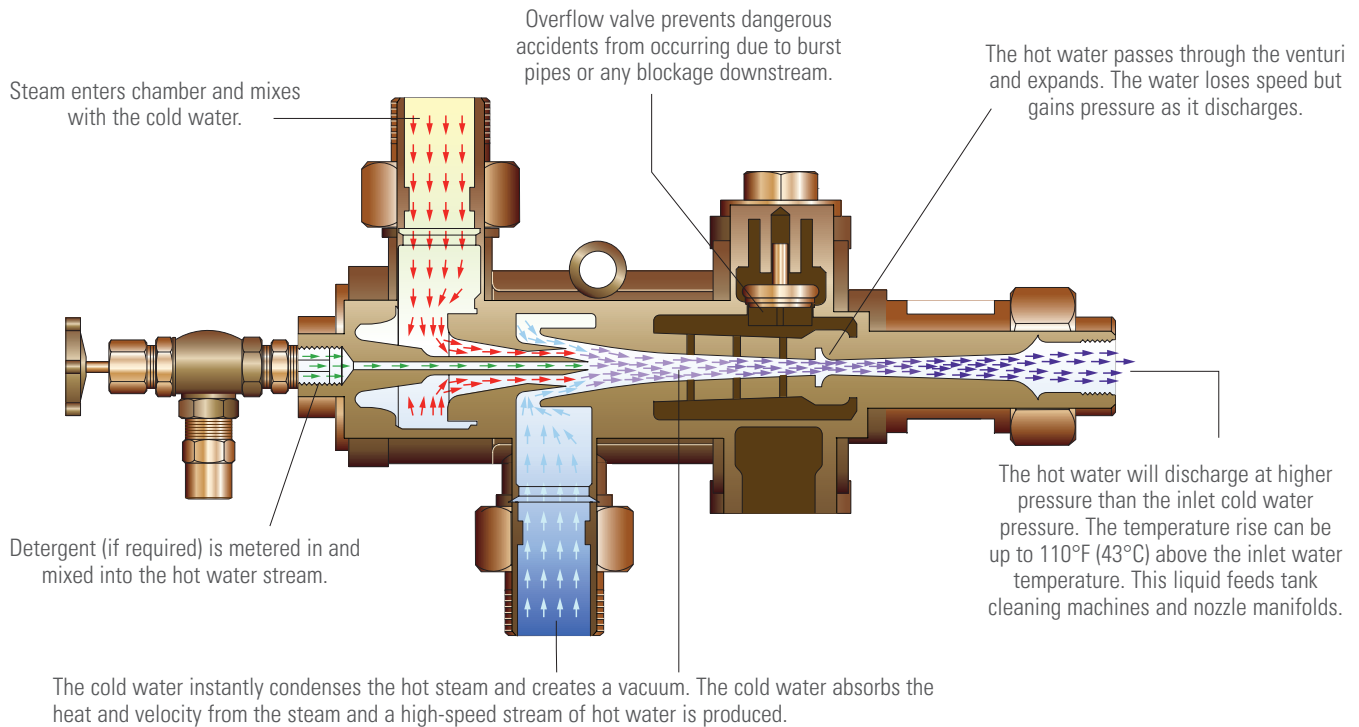


TANKJET B & BX INJECTORS FEATURES AND BENEFITS

- 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

HOW IT WORKS

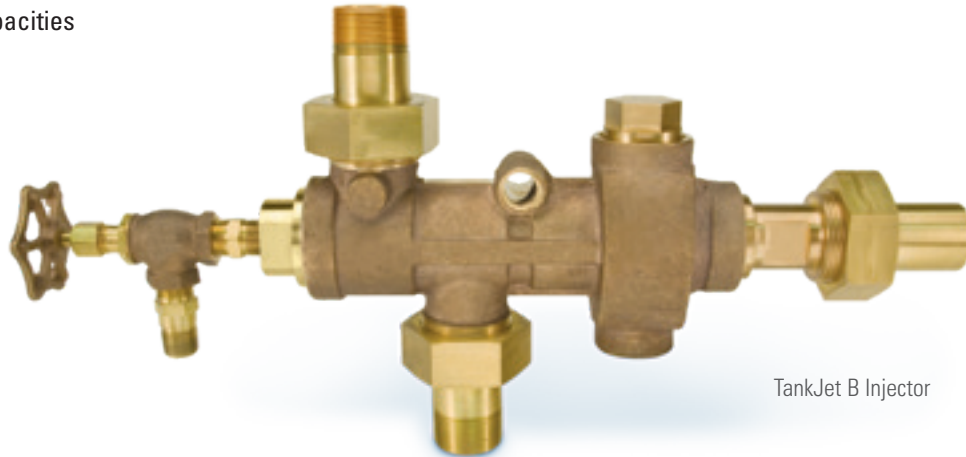


IDEAL FOR CLEANING:

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

TANKJET B INJECTOR

For liquid discharge capacities up to 34 gpm (129 lpm)



TankJet B Injector

SPECIFICATIONS

| Model | TankJet BX Injector |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Inlet steam pressure range: | 50 to 150 psi (3.4 to 10.3 bar) |
| Steam capacity range: | 360 to 2000 lbs/hr (163 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 EP 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 | 21.96 Max. (558) | 3.48 (88) | 9.24 (235) | 24 (11) |

PERFORMANCE DATA

| Model | 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-9 | 9 | 360 to 900 (163 to 408) | 9 (34) | 12 (45) | 13 (49) | 15 (57) | 16.5 (62) |
| TJB-15 | 15 | 700 to 1500 (318 to 680) | 15 (57) | 20 (76) | 24 (91) | 27 (102) | 29 (110) |
| TJB-20 | 20 | 800 to 2000 (363 to 907) | 20 (76) | 25 (95) | 29 (110) | 32 (121) | 34 (129) |

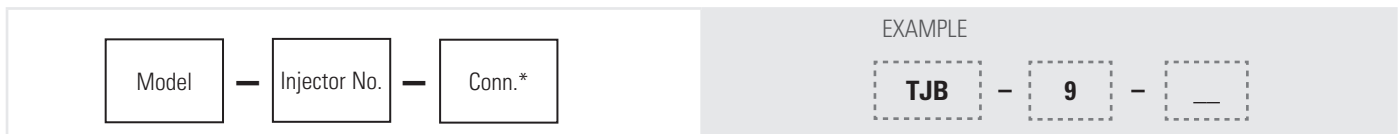


TANK CLEANING NOZZLES COMMONLY USED WITH TANKJET B INJECTOR

| TankJet Tank Cleaning Nozzle | 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) | |
|------------------------------|-------------------|--------------------------|-----------------------------------------------|----------------------------------------------------------|---------------------------------------------------|--|
| TJ14 | 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) | |
| TJ19 | 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 13.8) | 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 13.8) | 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) | |
| | TJ75-2 TJ75H-2 | 234 | | | | |
| | | 234LP | | | | |
| TJ75-4 TJ75H-4 | 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) | | |
| AA190 | | | | | | |
| AA290 | | | | | | |

ORDERING INFORMATION

TANKJET B INJECTOR



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



TANKJET BX INJECTOR

For liquid discharge capacities up to 110 gpm (416 lpm)



TankJet BX Injector

SPECIFICATIONS

| Model | TankJet BX Injector |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Inlet steam pressure range: | 50 to 150 psi (3.4 to 10.3 bar) |
| Steam capacity range: | 1000 to 6000 lbs/hr (454 to 2722 kgs/hr) |
| Max. liquid discharge operating pressure: | 120 to 340 psi (8.3 to 23.4 bar) |
| Liquid discharge flow rate: | 30 to 110 gpm (114 to 416 lpm) |
| Max. liquid discharge temperature: | 180°F (82°C) |
| Materials: | Brass with 303SS detergent tube with EP O-ring |
| Inlet connection: | Steam: 1-1/2" NPT or BSPT (M); Water: 1-1/2" NPT or BSPT (M); Detergent: 1/2" NPT or BSPT (M) |
| Outlet connection: | Discharge: 1-1/2" NPT or BSPT (M); Overflow: 2" NPT (F) or BSPT (M) |

DIMENSIONS AND WEIGHTS

| Model No. | L in. (mm) | W in. (mm) | H in. (mm) | Weight lbs. (kg) |
|-----------|------------|------------|------------|------------------|
| TJBX | 27.3 (693) | 4.41 (112) | 11 (279) | 48 (22) |

PERFORMANCE DATA

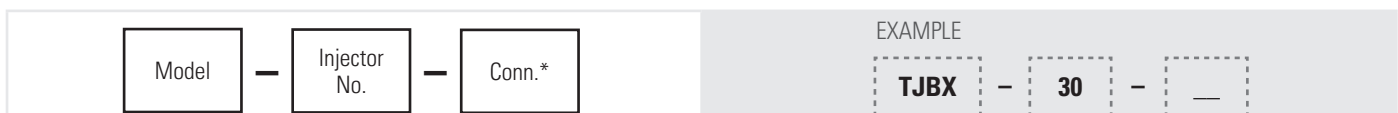
| Model | Injector No. | Steam Capacity lbs/hr (kg/hr) | Inlet Steam Pressure psi (bar) | | | | |
|-------------------------------------|--------------|-------------------------------|---------------------------------------------|------------|------------|------------|------------|
| | | | 50 (3.4) | 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 (lpm) | | | | | | | |
| TJBX | 30 | 1000 to 3000 (454 to 1361) | 30 (114) | 35 (132) | 45 (170) | 50 (189) | 55 (208) |
| | 50 | 1700 to 4500 (771 to 2041) | 50 (189) | 60 (227) | 70 (265) | 75 (284) | 80 (303) |
| | 70 | 2500 to 6000 (1134 to 2722) | 70 (265) | 80 (303) | 90 (341) | 100 (379) | 110 (416) |

TANK CLEANING NOZZLES COMMONLY USED WITH TANKJET BX INJECTOR

| TankJet Tank Cleaning Nozzles | Nozzle Type/Size in (mm) | Compatible Injector Type | Injector Steam Inlet Pressure psi (bar) | Nozzles Operating Pressure psi (bar) | Nozzles Flow Rate gpm (lpm) |
|-------------------------------|--------------------------|--------------------------|-----------------------------------------|--------------------------------------|-----------------------------|
| TJ16 | C, D, G | TJBX30 | 100 to 150 (6.9 to 10.3) | 60 to 100 (4.1 to 6.9) | 45 to 55 (170 to 208) |
| | | TJBX50 | 50 to 150 (3.4 to 10.3) | 80 to 200 (5.5 to 13.8) | 50 to 80 (189 to 303) |
| | H | TJBX30 | 75 to 150 (5.2 to 10.3) | 50 to 110 (3.4 to 7.6) | 35 to 55 (132 to 208) |
| | | TJBX50 | 50 to 125 (3.4 to 8.6) | 95 to 200 (6.6 to 13.8) | 50 to 75 (3.4 to 5.2) |
| TJ65 | 1/4 (6.4) | TJBX30 | 50 to 150 (3.4 to 10.3) | 50 to 120 (3.4 to 8.3) | 30 to 55 (114 to 208) |
| | | TJBX50 | 50 to 75 (3.4 to 5.2) | 105 to 140 (7.2 to 9.7) | 50 to 60 (189 to 227) |
| | 5/16 (7.9) | TJBX50 | 75 to 150 (5.2 to 10.3) | 70 to 115 (4.8 to 7.9) | 60 to 80 (227 to 303) |
| | | TJBX70 | 50 to 100 (3.4 to 6.9) | 90 to 150 (6.2 to 10.3) | 70 to 90 (265 to 341) |
| | 3/8 (9.5) | TJBX50 | 75 to 150 (5.2 to 10.3) | 55 to 95 (3.8 to 6.6) | 60 to 80 (227 to 303) |
| | | TJBX70 | 50 to 125 (3.4 to 8.6) | 75 to 150 (5.2 to 10.3) | 70 to 100 (265 to 379) |
| TJ65-HT | 1/4 (6.4) | TJBX70 | 50 to 150 (3.4 to 10.3) | 58 to 135 (4.0 to 9.3) | 70 to 110 (265 to 416) |
| | 5/16 (7.9) | TJBX70 | 50 to 150 (3.4 to 10.3) | 55 to 115 (3.8 to 7.9) | 70 to 110 (265 to 416) |
| | 3/8 (9.5) | TJBX70 | 100 to 150 (6.9 to 10.3) | 55 to 75 (3.8 to 5.2) | 90 to 110 (341 to 416) |
| TJ80-2 TJ80H-2 | 3/8 (9.5) | TJBX50 | 50 to 150 (3.4 to 10.3) | 50 to 130 (3.4 to 9.0) | 50 to 80 (189 to 303) |
| | | TJBX70 | 50 to 90 (3.4 to 6.2) | 102 to 150 (7.0 to 10.3) | 70 to 85 (265 to 322) |
| | 7/16 (11.1) | TJBX50 | 90 to 150 (6.2 to 10.3) | 65 to 105 (4.5 to 7.2) | 65 to 80 (246 to 303) |
| | | TJBX70 | 50 to 115 (3.4 to 7.9) | 80 to 150 (5.5 to 10.3) | 70 to 95 (265 to 360) |
| TJ80-3 TJ80H-3 | 5/16 (7.9) | TJBX50 | 75 to 150 (5.2 to 10.3) | 60 to 125 (4.1 to 8.6) | 60 to 80 (227 to 303) |
| | | TJBX70 | 50 to 100 (3.4 to 6.9) | 95 to 150 (6.6 to 10.3) | 70 to 90 (265 to 341) |
| | 3/8 (9.5) | TJBX70 | 115 to 150 (7.9 to 10.3) | 68 to 110 (4.7 to 7.6) | 95 to 110 (360 to 416) |
| TJ360-2 | 1/4 (6.4) | TJBX30 | 50 to 150 (3.4 to 10.3) | 40 to 150 (2.8 to 10.3) | 30 to 55 (114 to 208) |
| | | TJBX50 | 50 to 150 (3.4 to 10.3) | 120 to 340 (8.3 to 23.4) | 50 to 80 (189 to 303) |
| | 9/32 (7.1) | TJBX30 | 75 to 150 (5.2 to 10.3) | 40 to 110 (2.8 to 7.6) | 35 to 55 (132 to 208) |
| | | TJBX50 | 50 to 150 (3.4 to 10.3) | 80 to 220 (5.5 to 15.2) | 50 to 80 (189 to 303) |
| | | TJBX70 | 50 to 125 (3.4 to 8.6) | 170 to 350 (11.7 to 24.1) | 70 to 100 (265 to 379) |
| | 5/16 (7.9) | TJBX30 | 115 to 150 (7.9 to 10.3) | 40 to 55 (2.8 to 3.8) | 40 to 75 (151 to 284) |
| | | TJBX50 | 50 to 150 (3.4 to 10.3) | 60 to 155 (4.1 to 10.7) | 50 to 80 (189 to 303) |
| | | TJBX70 | 50 to 150 (3.4 to 10.3) | 120 to 290 (8.3 to 20.0) | 70 to 110 (265 to 416) |
| | 3/8 (9.5) | TJBX50 | 60 to 150 (4.1 to 10.3) | 40 to 90 (2.8 to 6.2) | 55 to 80 (208 to 303) |
| | | TJBX70 | 50 to 150 (3.4 to 10.3) | 70 to 165 (4.8 to 11.4) | 70 to 110 (265 to 416) |
| | 7/16 (11.1) | TJBX70 | 50 to 150 (3.4 to 10.3) | 45 to 105 (3.1 to 7.2) | 70 to 110 (265 to 416) |
| | 1/2 (12.7) | TJBX70 | 75 to 150 (5.2 to 10.3) | 40 to 75 (2.8 to 5.2) | 80 to 110 (303 to 416) |
| | 9/16 (14.3) | TJBX70 | 90 to 150 (6.2 to 10.3) | 40 to 55 (2.8 to 3.8) | 90 to 110 (341 to 416) |
| TJ360-3 TJ180-3 | 1/4 (6.4) | TJBX30 | 90 to 150 (6.2 to 10.3) | 40 to 72 (2.8 to 5.0) | 40 to 55 (151 to 208) |
| | | TJBX50 | 50 to 150 (3.4 to 10.3) | 60 to 155 (4.1 to 10.7) | 50 to 80 (189 to 303) |
| | | TJBX70 | 50 to 150 (3.4 to 10.3) | 120 to 290 (8.3 to 20.0) | 70 to 110 (265 to 416) |
| | 9/32 (7.1) | TJBX50 | 50 to 150 (3.4 to 10.3) | 40 to 110 (2.8 to 7.6) | 50 to 80 (189 to 303) |
| | | TJBX70 | 50 to 150 (3.4 to 10.3) | 80 to 205 (5.5 to 14.1) | 70 to 110 (265 to 416) |
| | 5/16 (7.9) | TJBX50 | 65 to 150 (4.5 to 10.3) | 40 to 80 (2.8 to 5.5) | 55 to 80 (208 to 303) |
| | | TJBX70 | 50 to 150 (3.4 to 10.3) | 60 to 150 (4.1 to 10.3) | 70 to 110 (265 to 416) |
| | 3/8 (9.5) | TJBX70 | 50 to 150 (3.4 to 10.3) | 40 to 90 (2.8 to 6.2) | 70 to 110 (265 to 416) |
| | 7/16 (11.1) | TJBX70 | 100 to 150 (6.9 to 10.3) | 40 to 60 (2.8 to 4.1) | 90 to 110 (341 to 416) |

ORDERING INFORMATION

TANKJET BX INJECTOR



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

