

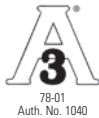


**TANKJET 28500 & 28500-R  
TANK CLEANING NOZZLE  
FEATURES AND BENEFITS**

- Rotating nozzles for use with sanitary tubing resist harsh chemicals and provide excellent cleaning and more impact than static spray balls
- 28500-R nozzles conform to 3-A Sanitary Standard 78 for spray cleaning devices to remain in place (does not apply to horizontal mounting)
- Well-suited for clean-in-place systems; no motor source is needed as the reactionary force of the cleaning liquid rotates the spray head
- Threadless, tapered design promotes self-draining to prevent build-up on nozzle
- 28500-R rotating spray head is easily removable from the body for inspection and maintenance

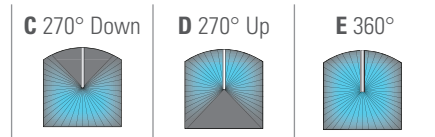
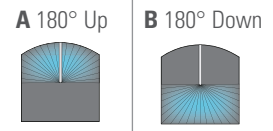


TankJet 28500-R tank cleaning nozzle

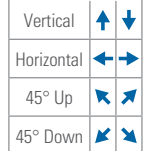


This unit meets the requirements of 3-A Sanitary Standard 78. Spray cleaning devices intended to remain in place.

**SPRAY COVERAGE**



**MOUNTING OPTIONS**



**SPECIFICATIONS**

TankJet 28500 & 28500-R Tank Cleaning Nozzles	
Max. tank diameter:	18 ft. (5.5 m)
Operating principle:	Fluid-driven reactionary force
Flow rate:	9.0 to 78.3 gpm (34 to 296 lpm)
Operating pressure:	10.0 to 50 psi (0.7 to 3.4 bar)
Max. temperature:	200°F (93°C)
Materials:	Body, saucer & spacer – PTFE fluoropolymer resin Locking pin – 316 stainless steel
Inlet connection:	3/4", 1", 1-1/2", DN20, DN25 and DN40 sanitary tubing
Optional accessories:	Strainers, recommended mesh size: 100 (150 micron) See page G2

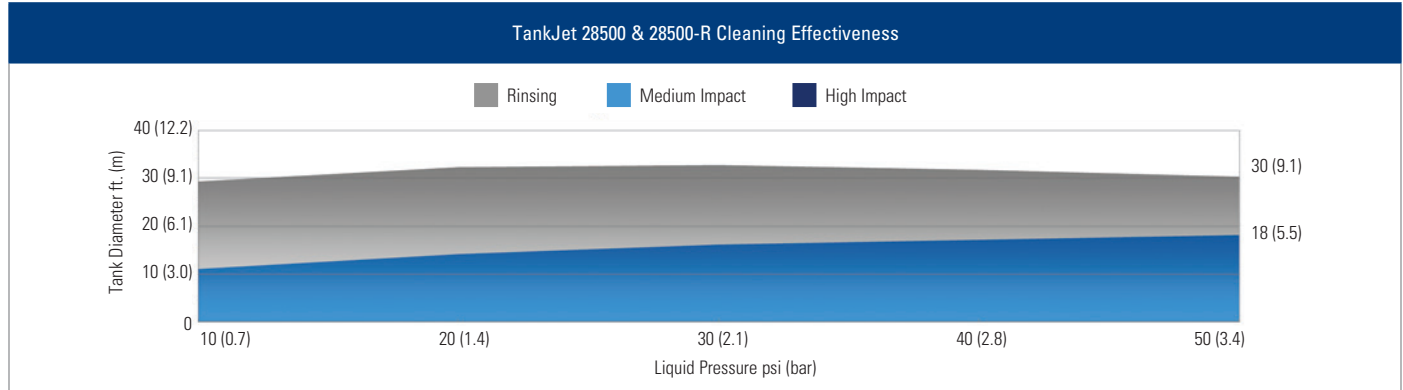
**IDEAL FOR CLEANING:**

- Chemical tanks
- Dairy vats
- Food processing tanks
- Pharmaceutical vessels

For lances, mounting kits, adapters and more, see page G6



PERFORMANCE DATA



Nozzle 28500		Orifice Dia. in. (mm)	Liquid Flow Capacity gpm (lpm)				
Nozzle Inlet	Capacity Size		10 psi (0.7 bar)	20 psi (1.4 bar)	30 psi (2.1 bar)	40 psi (2.7 bar)	50 psi (3.4 bar)
3/4 or DN20	18	0.089 (2.3)	9.0 (34)	12.7 (48)	15.6 (59)	18.0 (68)	20.0 (76)
	23	0.110 (2.8)	11.5 (44)	16.3 (62)	19.9 (75)	23.0 (87)	26.0 (98)
	32	0.154 (3.9)	16.0 (61)	22.6 (86)	27.7 (105)	32.0 (121)	35.8 (136)
	46	0.257 (6.5)	23.0 (87)	32.5 (123)	39.8 (151)	46.0 (174)	51.4 (195)
1 or DN25	33	0.152 (3.9)	16.5 (62)	23.0 (87)	29.0 (110)	33.0 (125)	37.0 (140)
	50	0.209 (5.3)	25.0 (95)	35.4 (134)	43.3 (164)	50.0 (189)	55.9 (212)
	70	0.266 (6.8)	35.0 (132)	49.5 (187)	60.6 (229)	70.0 (265)	78.3 (296)
1-1/2 or DN40	52	0.201 (5.1)	27.0 (102)	37.0 (140)	46.0 (174)	53.0 (201)	59.0 (223)
	70	0.266 (6.8)	35.0 (132)	49.5 (187)	60.6 (229)	70.0 (265)	78.3 (296)

DIMENSIONS AND WEIGHTS

TankJet 28500 & 28500-R Tank Cleaning Nozzles	Model	Inlet Conn. Size/Type in.	Inlet Dia.	W in. (mm)	L in. (mm)	A in. (mm)
	28500	3/4	0.76 in.	3.31 (84.1)	2.63 (66.8)	0.38 (9.5)
		DN20	22.2 mm			
		1	1.02 in.	3.82 (97.0)	2.88 (73.2)	0.50 (12.7)
		DN25	28.2 mm			
	28500-R	1-1/2	1.52 in.	4.32 (109.7)	4.38 (111.3)	0.75 (19.1)
		DN40	40.2 mm			
		3/4	0.76 in.	2.25 (57.2)	3.69 (93.7)	1.43 (36.3)
		DN20	22.2 mm			
28500-R	1	1.02 in.	2.75 (69.9)	4.13 (104.9)	1.50 (38.1)	
	DN25	28.2 mm				
28500-R	1-1/2	1.52 in.	3.63 (92.2)	5.38 (136.7)	1.75 (44.5)	
	DN40	40.2 mm				

Min. tank opening size is 2.5 to 4.5 in. (64 to 114 mm) depending on capacity size.

ORDERING INFORMATION

TANKJET 28500 AND 28500-R TANK CLEANING NOZZLES

Model	Spray Coverage	Removable Spray Head*	Inlet Conn. Size/Type	Capacity Size	Material Code	EXAMPLE
						28500 E - R - 3/4 - 23 - TEF

\* Leave blank for standard version