TANKJET® 28500-R TANK CLEANING NOZZLES

TANKJET 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

MI MEDIUM IMPACT

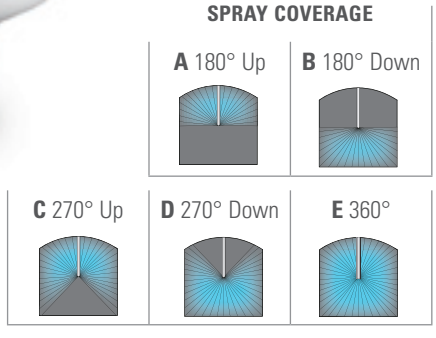


TankJet 28500-R tank cleaning nozzle

3-A 78-02 Auth. No. 1040

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

SPRAY COVERAGE



MOUNTING OPTIONS

Vertical	↑ ↓
Horizontal	← →
45° Up	↖ ↗
45° Down	↙ ↘

SPECIFICATIONS

TankJet 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", DN20, DN25 sanitary tubing
Optional accessories:	Strainers, recommended mesh size: 100 (150 micron) See page G2

IDEAL FOR CLEANING:

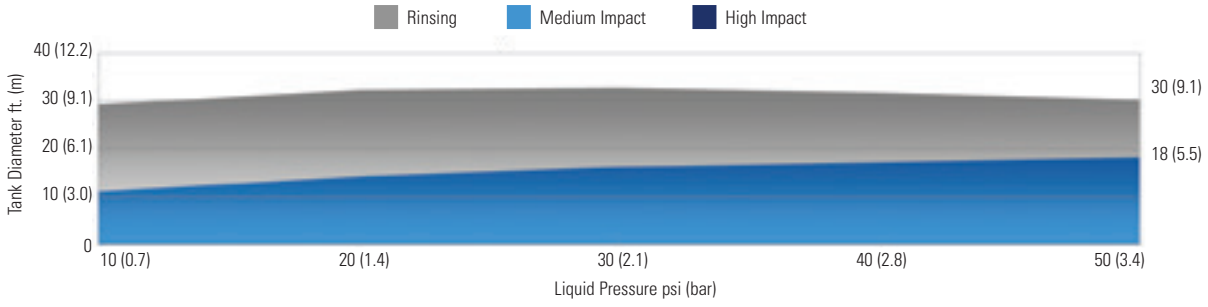
- Chemical tanks
- Dairy vats
- Food processing tanks
- Pharmaceutical vessels

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

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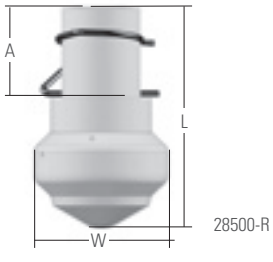
PERFORMANCE DATA

TankJet 28500-R Cleaning Effectiveness



Nozzle 28500-R		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)

DIMENSIONS AND WEIGHTS

TankJet 28500-R Tank Cleaning Nozzles	Model	Inlet Conn. Size/Type in.	Inlet Dia.	W in. (mm)	L in. (mm)	A in. (mm)	Min. Tank Opening in. (mm)	Weight lbs. (kg)
	28500-R	3/4	0.76 in.	2.25 (57.2)	3.69 (93.7)	1.43 (36.3)	2.5 (63.5)	0.5 (226)
		DN20	22.2 mm					
		1	1.02 in.	2.75 (69.9)	4.13 (104.9)	1.50 (38.1)	3.0 (76.2)	0.54 (249)
		DN25	28.2 mm					

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

ORDERING INFORMATION

TANKJET 28500-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

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