

**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

**IDEAL FOR CLEANING:**

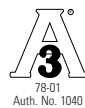
- Chemical tanks
- Dairy vats
- Food processing tanks
- Pharmaceutical vessels

**SPECIFICATIONS**

TankJet® 28500 & 28500-R Tank Cleaning Nozzles	
Max. tank diameter:	5.5 m
Operating principle:	Fluid-driven reactionary force
Flow rate:	34 to 296 l/min
Operating pressure:	0.7 to 3.4 bar
Max. temperature:	93 °C
Materials:	Body, saucer & spacer – PTFE fluoropolymer resin Locking pin – 316 stainless steel
Inlet connection:	3/4", 1" and 1-1/2" DN20, DN25 and DN40 sanitary tubing
Required strainer:	Recommended mesh size: < 150 µm See chapter E



TankJet 28500-R



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

SPRAY COVERAGE	
<b>A</b>	180° Up 
<b>B</b>	180° Down 
<b>C</b>	270° Up 
<b>D</b>	270° Down 
<b>E</b>	360° 

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

For lances, mounting kits, adapters and more, see chapter E

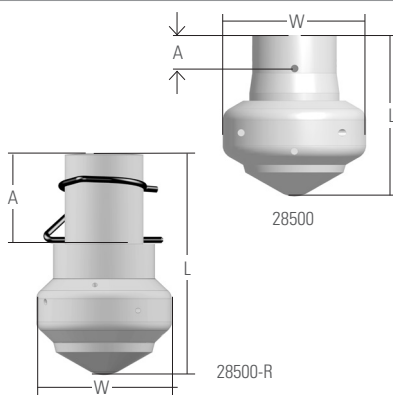


VIDEO

PERFORMANCE DATA

Nozzle 28500		Orifice Dia. (mm)	Liquid Flow Capacity (l/min)				
Nozzle Inlet	Capacity Size		0.7 bar	1.4 bar	2.1 bar	2.7 bar	3.4 bar
3/4 or DN20	18	2.3	34	48	59	68	76
	23	2.8	44	62	75	87	98
	32	3.9	61	86	105	121	136
	46	6.5	87	123	151	174	195
1 or DN25	33	3.9	62	87	110	125	140
	50	5.3	95	134	164	189	212
	70	6.8	132	187	229	265	296
1-1/2 or DN40	52	5.1	102	140	174	201	223
	70	6.8	132	187	229	265	296

DIMENSIONS AND WEIGHTS

TankJet® 28500 & 28500-R Tank Cleaning Nozzles	Model	Inlet Conn. Size/Type in.	Inlet Dia.	W (mm)	L (mm)	A (mm)
	28500	3/4	0.76 in.	84.1	66.8	9.5
		DN20	22.2 mm			
		1	1.02 in.	97.0	73.2	12.7
		DN25	28.2 mm			
		1-1/2	1.52 in.			
		DN40	40.2 mm	109.7	111.3	19.1
28500-R	3/4	0.76 in.	57.2	93.7	36.3	
	DN20	22.2 mm				
	1	1.02 in.	69.9	104.9	38.1	
	DN25	28.2 mm				
	1-1/2	1.52 in.				
	DN40	40.2 mm	92.2	136.7	44.5	

Min. tank opening size is 64 to 114 mm depending on capacity size.

ORDERING INFORMATION

TANKJET 28500 AND 28500-R

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

\* -R for removable spray head. Leave blank for standard version.