

TeeJet® TANK RINSING

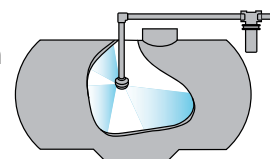


55270

- Rotating head driven by the flow of the rinsing liquid through multiple round spray orifices.
- Solid stream sprays are precisely positioned to provide effective internal wetting and cleaning of tank surface.
- Removable retainer and rotating body allows for disassembly and cleaning.
- Provides 360° coverage of inside surface of tank for tank diameters up to 3.0 m.
- Self-lubricating and self-flushing design.

- Materials: Body: black POM (acetal); Fasteners: stainless steel.
- Recommended operating pressure 0.7–3.5 bar.
- Mounting connection: ½" or ¾" NPT or BSPT (F).

Typical Application



NOZZLE NUMBER	CAPACITY (l/min)					TYPE OF COVERAGE	SPRAY ANGLE
	0.7 bar	1.5 bar	2 bar	3 bar	3.5 bar		
55270-1/2-11-POM	22.3	30.8	35.3	43.5	47.3		360°
B55270-1/2-11-POM							
55270-3/4-18-POM	34.0	50.0	58.0	71.0	77.0		
B55270-3/4-18-POM							



D41892

- The rotary tank rinsing nozzle is used for rinsing the insides of chemical containers and spray tanks up to 2.0 m in diameter.
- Available with ½" NPT or BSPT (F) connections.

- Significant lower rotating speed at approximately 15% of typical speed, results in faster and more thorough cleaning of tank surface.
- Self-cleaning sliding bearing.
- Body and inserts are made of POM (Acetal).
- Nozzle fits in 37 mm opening.
- Recommended operating pressure 2–4 bar with a maximum pressure 8 bar.

NOZZLE NUMBER	CAPACITY (l/min)				
	1.5 bar	2 bar	3 bar	4 bar	5 bar
D41892-(B)1/2-POM-6	15.9	18.3	22.5	26.0	29.0

TeeJet® CONTAINER RINSING

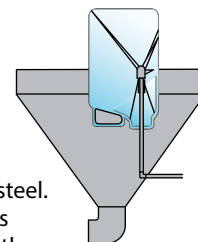


23240

- The 23240 container rinsing nozzle is used to rinse residue from containers before disposal.
- Can be used for containers with 26 mm diameter openings or larger.

- Three flat spray orifices provide self-rotational forces needed to create spherical coverage.
- Available in ½" NPT or BSPT (F) connections.

Typical Application



- Made of 316 stainless steel. HSS bearings and races have been replaced with 316SS bearings and races. Also includes an internal sleeve made of Nylon.

NOZZLE NUMBER	INLET PIPE CONNECTION	CAPACITY (l/min)				
		1.5 bar	2 bar	2.5 bar	3 bar	4 bar
(B)23240-3-316SS-5.7-316SS	½" (F)	13.9	16.1	18.0	19.7	23.0
(B)23240-3-316SS-7-316SS		19.5	23.0	25.0	28.0	32.0



VSM

- Used for inside rinsing of chemical containers.
- Fourty orifices combine to produce a 240° spray angle.

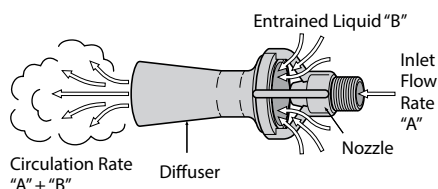
- All Nylon construction.
- Available with ½" or ¾" NPT or BSPT (F) connection.
- Recommended operating pressure 2–4 bar.

NOZZLE NUMBER	INLET PIPE CONNECTION	ORIFICE DIAMETER	CAPACITY (l/min)						SPRAY ANGLE
			0.5 bar	1 bar	2 bar	3 bar	5 bar	10 bar	
(B) VSM-*-28	½" (F)	0.80 mm	8.8	12.5	17.7	21.7	28.0	39.5	240°
(B) VSM-*-44		1.00 mm	13.9	19.7	27.9	34.1	44.0	62.3	
(B) VSM-*-90	½" or ¾" (F)	1.50 mm	28.5	40.3	56.9	69.7	90.0	127	
(B) VSM-*-140		1.95 mm	44.3	62.6	88.5	108	140	198	
(B) VSM-*-190		2.30 mm	60.1	85.0	120	147	190	269	

HOW TO ORDER

(B) V S M - 3 / 4 - 1 4 0

BSPT Nozzle Type Size Capacity



HOW TO ORDER

Y 3 3 1 8 0 - P P

46550, Y33180 & Y9270

- Allows small pumps to circulate large volumes of liquid.
- Manufactured of glass-filled polypropylene for excellent corrosion and chemical resistance.
- Large flow opening minimizes plugging.
- Available in ¼", ⅜", ¾" or 1½" (M) pipe thread inlet connection.

APPROXIMATE FLOW RATE PERFORMANCE	MODEL NUMBER	INLET LIQUID PRESSURE						
		0.7 bar	1 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar
Inlet Flow Rate "A" (l/min)	46550-1/4-PP	13.4	16.0	19.5	23	25	28	30
	Y33180-PP	34	41	50	58	65	71	77
	Y9270-PP	51	62	75	87	97	107	115
Entrained Liquid "B" (l/min)	46550-1-1/2-PP	125	151	184	215	243	259	288
	46550-1/4-PP	50	59	72	84	93	102	110
	Y33180-PP	138	164	201	232	259	284	307
Circulation Rate "A"+"B" (l/min)	Y9270-PP	206	246	301	348	389	426	460
	46550-1-1/2-PP	502	604	736	860	972	1036	1152
	46550-1/4-PP	63	75	92	107	118	130	140
	Y33180-PP	172	205	251	290	324	355	384
	Y9270-PP	257	308	376	435	486	533	575
	46550-1-1/2-PP	627	755	920	1075	1215	1295	1440

MODEL NUMBER	PIPE THREAD INLET CONNECTION	ORIFICE DIAMETER (mm)	LENGTH (mm)	DIAMETER (mm)
46550-1/4-PP	¼" (M)	4.8	76	32
Y33180-PP	⅜" (M)	7.9	103	52
Y9270-PP	¾" (M)	9.5	162	74
46550-1-1/2-PP	1½" (M)	14.3	254	114

TeeJet® JET AGITATORS

Installed at bottom of spray tank on end of agitator return line. Continuous solid stream jet flow creates turbulence and keeps wettable powders in suspension.



6290-SC

Made in choice of brass, aluminum and all stainless steel. ¼" NPT (F) inlet connection. Fits through 51 mm hole. Weight 0.17 kg. Siphon caps increase liquid flow by Venturi action to increase mixing potential.

HOW TO ORDER

Brass

6 2 9 0 S C - 1

Aluminum

6 2 9 0 S C - 1 - A L

Stainless Steel

6 2 9 0 S C - 1 - S S

JET AGITATOR NUMBER	ORIFICE CAP NUMBER	ORIFICE CAP INLET DIA. (cm)	CAPACITY (l/min) THRU AGITATOR LINE AT VARIOUS PRESSURES						FOR MAX. TANK SIZE IN LITERS OF:
			1 bar	1.5 bar	2 bar	2.5 bar	3 bar	3.5 bar	
6290SC-1	11118-1	1.39	3.5	4.5	5	5.5	6	6.5	200
6290SC-2	11118-2	2.18	8.5	10.5	12	13.5	15	16	400
6290SC-3	11118-3	2.43	11	13.5	15.5	17.5	19	20	500
6290SC-5	11118-5	3.65	20	25	28	32	35	38	900
6290SC-8	11118-8	3.96	23	28	33	37	40	43	1100
6290SC-10	11118-10	4.49	26	32	37	41	45	48	1300

Note: Maximum tank sizes shown in table are approximate and are based on 3 bar operation with pesticides, not fertilizers.