

Static Nozzle - Spiral Nozzle Manifold

Tank Wash

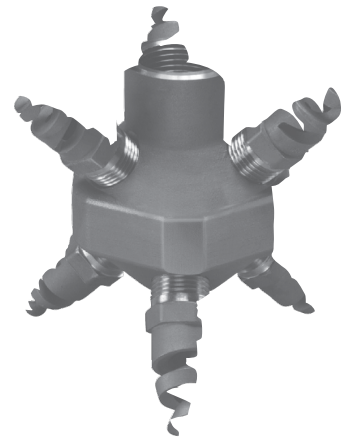
DESIGN FEATURES

- Each nozzle in the stationary cluster is a BETE clog-resistant spiral nozzle of the TF Series
- Can be supplied with various other BETE nozzles for any desired application
- Female connection

SPRAY CHARACTERISTICS

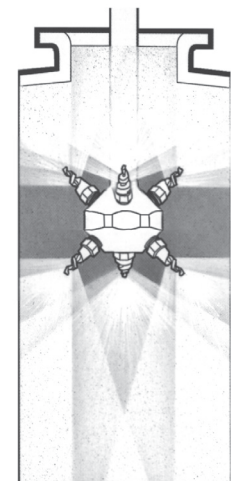
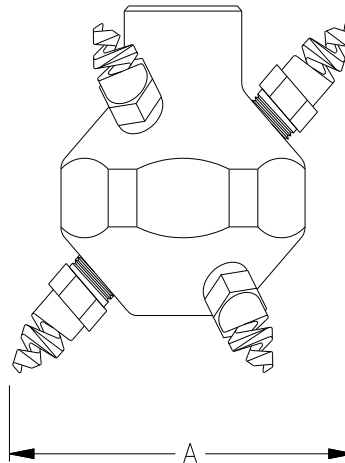
- Spherical omni-directional coverage
- Six nozzles arranged in cluster to project spray in all directions

Flow rates: 16.0 to 597 l/min
(special flow rates available, special tips upon request)



LEM- Coverage Chart When Spraying at 3 - 4 bar

Female Pipe Size	Nozzle Number	Scrubbing Diameter(mm)	Rinsing Diameter ((mm)
3/4"	LEM6	450	900
	LEM8	900	1800
	LEM10	1400	2700
1"	LEM12	2000	4000
	LEM14	2100	4200
	LEM16	2200	4400
	LEM20	2400	4900



Typical LEM installation

Dimensions are approximate. Check with SNP for critical dimension applications.

LEM Flow rates and dimensions

Spherical 360° Spray Angle 3/4" and 1" BSP or NPT

Standard Materials: Brass, 316 SS, PVC and PTFE

Female Pipe Size	Female Pipe Size	K Factor	Flow Rate l/min								A (mm)	Weight	
			0.7 bar	1 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	7 bar		(kg) Metal	(g) Plas
3/4"	LEM6	19.1	16.0	19.3	23.4	27.1	33.2	38.3	42.8	50.6	114	1.02	170
	LEM8	36.5	30.5	36.5	44.7	51.6	63.2	72.9	81.5	96.5			
	LEM10	57.0	47.7	57.0	69.8	80.6	98.7	114	127	151			
1"	LEM12	82.0	68.6	82.0	100	116	142	164	183	217	133	1.87	312
	LEM14	111	92.7	111	136	157	192	222	248	293			
	LEM16	144	120	144	176	203	249	287	321	380			
	LEM20	226	189	226	276	319	391	451	504	597			

$$\text{Flow Rate (l/min)} = K \sqrt{\text{bar}}$$

Spray angle performance varies with pressure. Contact SNP for specific data on critical applications.

Ask our technical sales engineers about additional products and services to optimise your spraying process.

Spray Calibration Solutions

Easy-to-use, fast measurement solutions to ensure accurate nozzle installation and maintenance, reduce water wastage and identify nozzle wear.



Spray Pattern & Droplet Distribution



Nozzle Flow Calibrators



Nozzle Cleaning Kit

Complete Spray Bars

Tailored nozzle selections and spray bar designs that integrate seamlessly with your new or existing setup.

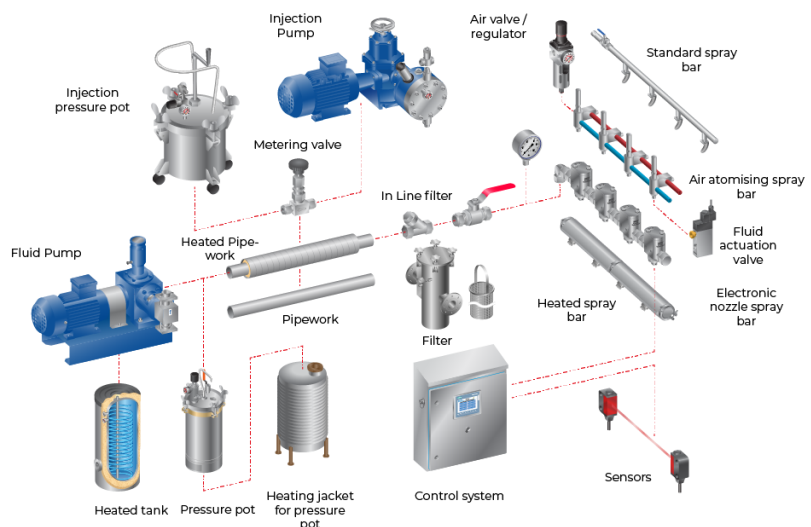
- ✓ Expert nozzle selection and placement
- ✓ Efficient spray coverage
- ✓ Fast turnaround time
- ✓ Reduced design burden
- ✓ High-quality spray bars



Complete Custom Spraying Systems

Complete spraying systems built around your goals and application.

- ✓ Tailored upstream components supplied individually or as part of complete system
- ✓ Custom pipework, pumps, tanks, sensors, valves, heating, control panels and more
- ✓ Seamless integration with existing processes
- ✓ Built to budget and ROI targets
- ✓ End-to-end support: design, install, maintain



THE GO-TO PEOPLE FOR SUCCESSFUL SPRAY ENGINEERING