

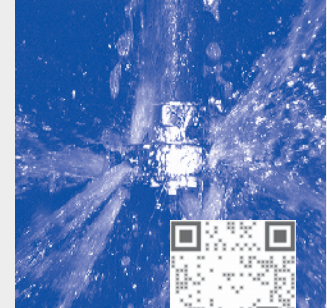
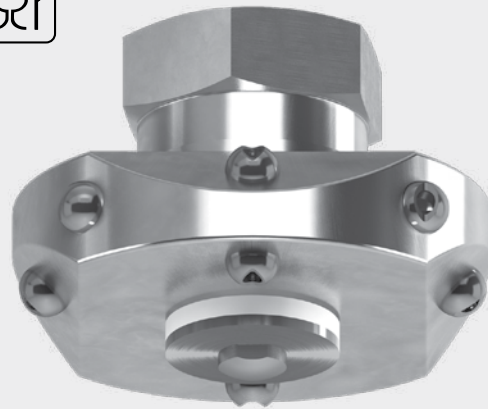


# Rotating cleaning nozzles "Gyro" Series 577

## Series 577

The Gyro cleans with powerful nozzle inserts and is the largest capacity free spinning design. The Gyro is capable of cleaning very large tanks and is clog-resistant.

FDA  
compliant



To see video

Scan the QR-code  
or go to:  
[www.lechlerusa.com](http://www.lechlerusa.com)



**Materials**  
316 SS, PTFE

**Max. temperature**  
194°F/ 90°C

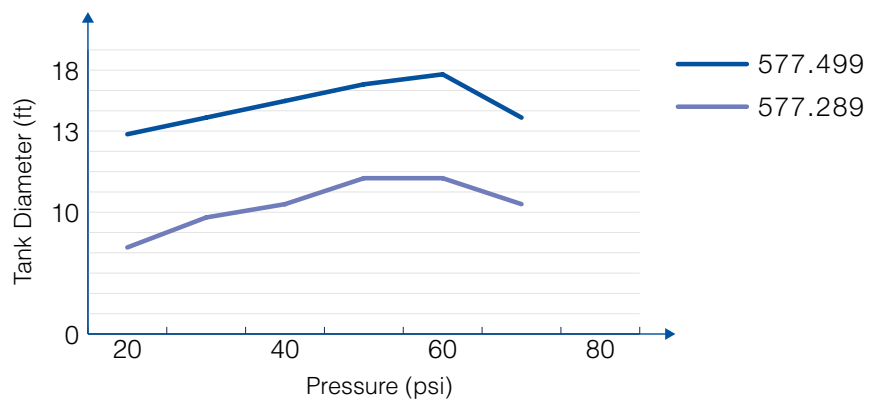
**Recommended operating pressure**  
40 psi

**Installation**  
Vertically facing downward

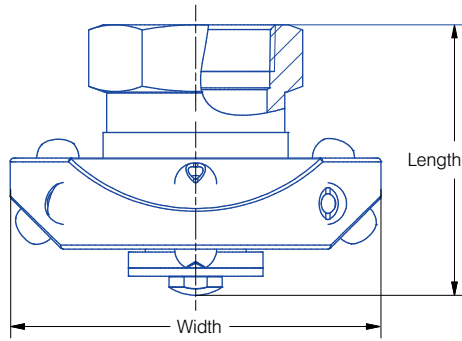
**Filtration**  
Line strainer with a mesh size of 0.3 mm/50 mesh






**Bearing**  
Slide bearing made of PTFE

**Accessories**  
Spare parts set consisting of: top seal, bottom seal and complete instructions.



Overview of the tank diameter, depending upon the pressure of series 577



Spray angle 	Ordering no.			Flow Rate (Gallons Per Minute)				Dimensions		Max. tank diameter [ft]
	Type	Connection		20 psi	liters per minute 2 bar	40 psi	60 psi	Length (in.)	Width (in.)	
		1" NPT	2" NPT							
180° 	577. 283. 1Y	BN	-	36	163	51	62	2.8	4.6	11.2
	577. 363. 1Y	BN	-	57	258	80	98	2.8	4.6	12.5
	577. 403. 1Y	-	BW	71	322	100	122	4.1	6.1	14.4
	577. 433. 1Y	-	BW	85	386	120	147	4.1	6.1	16.4
	577. 523. 1Y	-	BW	140	639	199	243	4.1	6.1	18
180° 	577. 284. 1Y	BN	-	36	161	51	62	2.8	4.6	11.2
	577. 364. 1Y	BN	-	57	258	80	98	2.8	4.6	12.5
	577. 404. 1Y	-	BW	71	322	100	122	4.1	6.1	14.4
	577. 434. 1Y	-	BW	85	386	120	147	4.1	6.1	16.4
	577. 494. 1Y	-	BW	145	538	167	205	4.1	6.1	18
270° 	577. 285. 1Y	BN	-	36	161	51	62	2.8	4.6	11.2
	577. 365. 1Y	BN	-	57	258	80	98	2.8	4.6	12.5
	577. 405. 1Y	-	BW	71	322	100	122	4.1	6.1	14.4
	577. 435. 1Y	-	BW	85	386	120	147	4.1	6.1	16.4
	577. 495. 1Y	-	BW	145	538	167	205	4.1	6.1	18
360° 	577. 289. 1Y	BN	-	36	161	51	62	2.8	4.6	11.2
	577. 369. 1Y	BN	-	57	258	80	98	2.8	4.6	12.5
	577. 409. 1Y	-	BW	71	322	100	122	4.1	6.1	14.4
	577. 439. 1Y	-	BW	85	386	120	147	4.1	6.1	16.4
	577. 499. 1Y	-	BW	145	538	167	205	4.1	6.1	18

### Information on operation

- Operation with compressed air purge only for short-term usage. Operation above the recommended operating pressure means higher wear and smaller droplets. This might have adverse effects on the cleaning result.

The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.

**Example**      **Type**      +      **Connection**      =      **Ordering no.**  
**for Ordering:**    577. 283. 1Y. +    BN      =    577. 283. 1Y. BN