

OTHER NOZZLES

Hypro's range of tank wash nozzles offer excellent coverage and cleaning whilst minimising water usage. From static to fully rotational, nozzles in the tank wash range are suitable for applications ranging from rinsing empty containers through to cleaning large tanks and vats. Hypro's jet eductor enables circulation in large tanks and vats for a range of applications. The suction action of the venturi amplifies the mixing movements generated by the pump, so preventing solids from settling on the tank floor.



Jet Eductor

TYPICAL APPLICATIONS

- * Thorough mixing in large tanks and vats

CONSTRUCTION

- * Three snap-in orifices - 6.35mm, 7.14mm and 7.94mm available to modify inlet flow
- * 3/4" NPT male thread

MATERIALS

- * Glass filled polypropylene construction, gives excellent resistance to corrosion and high impact strength



Static Tank-Head Nozzles

TYPICAL APPLICATIONS

- * Rinsing internal surfaces of tanks
- * Cleaning internal surfaces of tanks

SPRAY CHARACTERISTICS

- * Cluster of full cone nozzles gives excellent liquid coverage

CONSTRUCTION:

- * 3/4" version ideal for tanks upto 3m diameter; 1 1/4" version suitable for tanks up to 5m diameter
- * No moving parts
- * Quick release coupling or threaded versions available for simple maintenance

MATERIALS

- * Standard materials are Polypropylene with spray tips manufactured in PVDF



Rotating Tank Head Nozzles

TYPICAL APPLICATIONS

- * Fits inside tanks to rinse internal surfaces
- * One or more suitable for tanks of a variety tank shapes and sizes

SPRAY CHARACTERISTICS

- * Can fully rotate 360° to offer complete coverage
- * 4 fluid driven rotating fan jets give 235° coverage designed to target sides and top of tank

CONSTRUCTION

- * Fluid driven rotational spray head
- * 1/2" BSP female thread

MATERIAL

- * Standard material is PVDF



Rotating Container Head Nozzles

TYPICAL APPLICATIONS

- * Rinsing and cleaning internal surfaces of containers up to 25 litres in size
- * Operate up to 8 bar pressure

SPRAY CHARACTERISTICS

- * 4 fluid driven rotating fan jets to reach all corners of container
- * Slow spin speed for higher impact

CONSTRUCTION

- * Fluid driven rotational spray head
- * 1/2" BSP female thread
- * Optional **Safety Valve** to operate spray with 1" BSP bulk head fitting (order part no. PV1/2F1/2M-MA)

MATERIALS

- * Standard material is PVDF

Nozzle	Part No	Connection	Bulkhead	Pressure (bar)	Flow (L/min)
Jet Eductor	R1A5HE3371	3/4" NPT	N/A	0.7-6.7	100-350
Static Tank Head	01TW2424S	3/4" CAM	N/A	1.0 1.5	43 53
	01TW2424	3/4" CAM	3/4" BSP	2.0 2.5 3.0	61 68 75
	01TW2423	1 1/2" CAM	1 1/4" BSP	1.0	87
				1.5	106
2.0				123	
2.5				138	
			3.0	150	

Part No.	Connection	Pressure	Flow
ProClean Rotating Tank Head Nozzle 	1/2" BSP Female	3 bar	55 litres / min
ProClean Container Cleaning Nozzle 	1/2" BSP Female	3 bar	30 litres / min
ProClean On/Off Safety Valve 	1" BSP Female	n/a	n/a