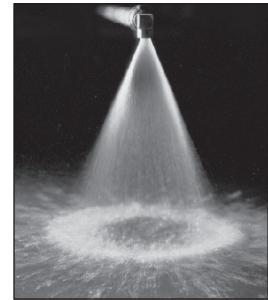
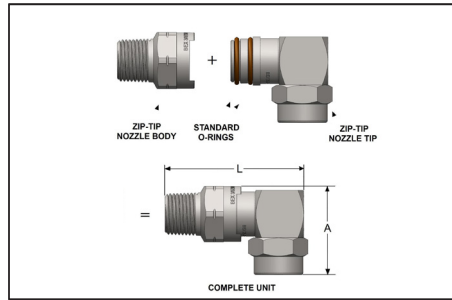




ZPH SERIES SPRAY NOZZLES

HOLLOW CONE • ZIP-TIP CONNECTION



SPRAY CHARACTERISTICS:

Designed specifically for phosphating applications, this hollow cone spray pattern features a large droplet size and low impingement. This results in a tighter and more consistent phosphate crystalline structure.

CONSTRUCTION:

The models listed are machined from bar stock, and are two piece construction.



TYPICAL APPLICATIONS:

Ideal for a variety of phosphating applications, as well as some standard hollow cone applications including:

- Rinsing
- Water Cooling
- Metal Treatment
- Industrial Washers

Model #	Orifice Diameter		Capacities at Various Pressures USGPM										Spray Angle		
	Body	Cap	5 psi	7 psi	10 psi	15 psi	20 psi	30 psi	40 psi	60 psi	80 psi	100 psi	10 psi	15 psi	30 psi
ZPH23	0.312	0.220	1.63	1.92	2.30	2.82	3.3	4.0	4.6	5.6	6.5	7.3	45°	53°	60°
ZPH28	0.312	0.231	1.98	2.34	2.80	3.4	4.0	4.8	5.6	6.9	7.9	8.9	40°	43°	48°
ZPH51	0.375	0.344	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	40°	50°	50°
ZPH53	0.375	0.375	3.5	4.2	5.0	6.1	7.1	8.7	10.0	12.2	14.1	15.8	70°	70°	70°

