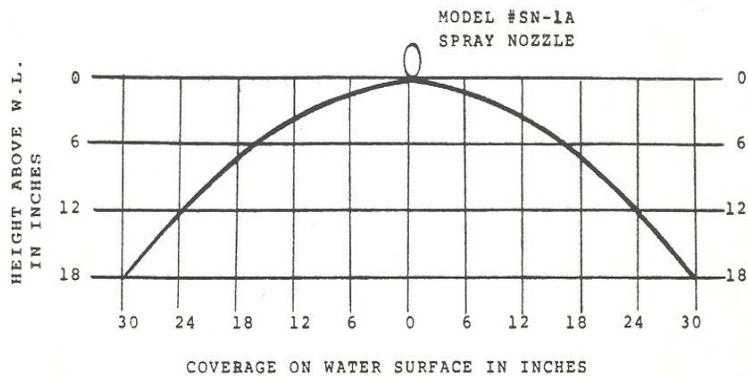
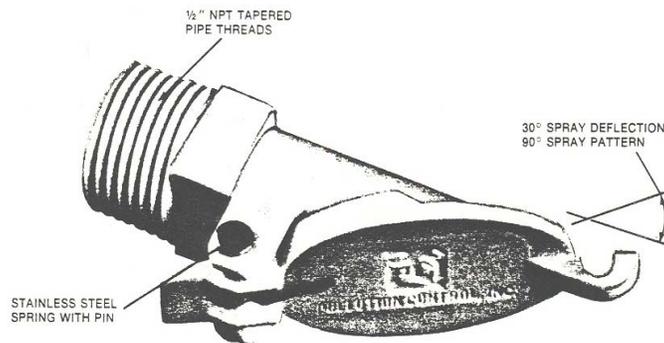


SPRAY NOZZLE MODEL SN-1A

The Model SN-1A Spray Nozzle is used to control froth and foam in the aeration chamber. A series of these nozzles mounted in the water manifold, provide a uniform and continuous sharp flat spray along the entire length of the aeration chamber on the sides opposite the air diffusers. These spray nozzles have a variable capacity ranging from about 1 to 4 gallons per minute per nozzle when operating with the pump and piping furnished. The spray nozzles are spaced on approximately 5'-0" centers along the aeration tank sidewall. The spray nozzle operates as a counter-weighted device. The nozzle opens automatically with each start-up surge of the froth pump, which provides an instantaneous self-cleaning. The nozzle then pinches down on the water stream, producing a sharp flat spray at the nominal pump flow rate. The spray nozzle construction is a classic model of simplicity in a sturdy durable plastic with a stainless steel spring and pin and is trouble-free in maintenance, and easily installed in a 1/2" diameter pipe coupling.



Spray pattern for Model SN-1A Spray Nozzle, Typical (based on 2 GPM @ 2.7 PSI)

(Note: Diffused Gas Technologies, Inc. spray nozzles and equipment were formally marketed by Pollution Control, Inc. and are now marketed by Pollution Control Systems, Inc.)



**Pollution
Control
Systems, Inc**

5827 Happy Hollow Rd. Suite 1-B
Milford, OH 45150-1830
Tel: (513) 831-1165 Fax: (513) 965-4812
E-mail: Polconsys@aol.com
www.PollutionControlSystem.com