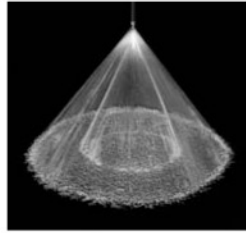
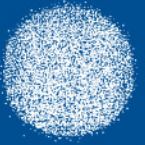


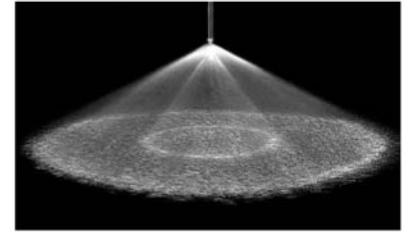
FULL CONE
SPRAY NOZZLES



SPRAY PATTERN
60° full cone



SPRAY PATTERN
90° full cone



SPRAY PATTERN
150° / 170° full cone



HHSJJB
60°, 90°, 120° metal



HHSJXJB
extra free passage - metal



HHSJXJB
extra free passage - PTFE

DESIGN FEATURES

HHSJJB Spiral nozzles are designed to provide a full cone spray pattern without the restriction of an internal vane. By positioning the “vane” outside the nozzle, the maximum free passage - or the ability to pass solids - can be increased. This feature makes the spiral full cone nozzles especially well suited for applications where there solids may be present in the liquid being sprayed, such as recirculated wash water, or some chemical scrubbing applications using slurries. The clog resistance provides performance reliability in critical applications such as fire suppression and prevention, where nozzles are inactive most of the time, but when activated they must operate without fail, often with dirty water.

HHSJJB is the standard male pipe threaded series of spiral nozzles. They are available with spray angles of 60° to 170° and pipe connection sizes from 1/8” to 4” NPT. Flow rates range from 1.4 to 1050 gallons per minute at 40 psi.

HHSJXJB series has a larger free passage size, increasing the ability to pass solid particulate. This version has spray angles of 90 and 120 degrees available with a flow rate range of 6 to 1050 gallons per minute at 40 psi. Pipe connection sizes are from 3/8” to 4” male NPT.

COMMON APPLICATIONS

- > Fruit and Vegetable Primary Wash
- > Quenching During Heat Treat Process
- > Chemical Gas Scrubbing
- > Washing & Rinsing Aggregates and Minerals
- > Dust Control & Suppression
- > Foam Breaking
- > Gas Cooling
- > Fire Prevention and Control
- > Full Cone Applications which may contain Solid Particulate in the Liquid