

**The CON-V-AIR Solutions Wetting Cone** applies a basic, time-proven method of introducing dry product into solution. Dry chemical is metered into the wetting cone where it is mixed with incoming water to produce the wanted solution concentration. Water is introduced via the wetting ring, which circles the perimeter of the cone, and flows down the walls of the cone and into its base where it blends with the dry chemicals. This shower of water ensures that the cone itself remains clean while the vortex, created at the base, ensures proper solution mixing. A top cover allows the operators to quickly and easily inspect the inside of the cone should the need be. Equipped with an overflow port, the wetting cone can easily be mounted with an optional overflow protection sensor to shut off inled feed water in the event of a downstream line blockage.

### **WCC- System Features**

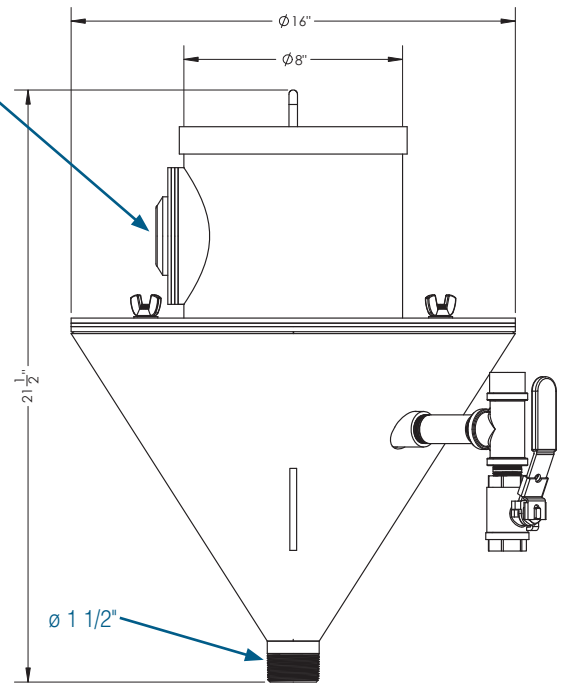
- Stainless steel construction
- Stainless steel wetting ring
- “Easy-Off” top cover for easy inspection
- No solution volume accumulation
- Overflow port
- Solution ejector
- Wetting ring inlet water brass throttling valve

### **WCC - Optional System Features**

- Overflow liquid level sensor
- FLEXTURI anti-clogging liquid ejector

MODEL WCC-16	
Dry Feed Inlet (Dim "A")	ø 1/2" to 2"
Solution Concentration	Up to 7%
Dry Chemical Feed Rate	Up to 10 kg/min.
Water Inlet Port	1/2" MNPT
Water Requirement	30 L/min.

Dimension "A"



Volumetric screw feeder complete with inlet hopper and vibrator

Drive assembly

Dry chemical is fed into WCC

WCC wetting apparatus ensures proper solution mixing

Steel epoxy-painted frame

Overflow port complete with optional overflow liquid level sensor

Solution ejector sends prepared solution to application point

### SOLUTION PREPARATION

General arrangement using WWC - Wetting Apparatus