

# BUBBLE DEFENDER



The Bubble Defender is our premier DMX controllable Bubble machine, frequently used in 4D theaters and amusement parks. This bubble machine uses a nozzle-pipe delivery system which protects each bubble from the disturbance of the machine parts and each other, allowing more of them to be released into the desired area. One tank provides for over 2 hours of continuous bubble output.

## FEATURES:

- Defends most bubbles from colliding upon exiting machine
- Defends bubbles against evaporation with enclosed fluid tank
- Defends against slippage by having little to no residue
- Angle and size of bubbles can be changed
- Two bubble nozzles and two fans for more volume

## 1 YEAR WARRANTY

*When using CITC Bubble Science Formula #150815*



## BUBBLE DEFENDER SPECS

120VAC #100205

230CVAC # 100206

- **Weight:** 44 lbs. (15.7 kg)
- **Dimensions:** 15.5" x 12" x 15"  
(40 cm x 30 cm x 38 cm)
- **Shipping Weight:** 47 lbs. (21.4 kg)
- **Shipping Dimensions:** 19" x 15" x 20"  
(48 cm x 38 cm x 51 cm)
- **Bubbles Per Minute:** 1200-1400
- **Bubble Size:** 1.25" - 3" (3 cm - 8 cm)
- **Bubble Distance:** 15' - 30' (4.5 m - 10 m)
- **Bubble Height:** 13' - 15' (4.5 m)
- **Fluid Capacity:** 120 oz. (3.5 L) Fluid  
Consumption: 32 oz. / 30 min. =  
64 oz. / hour (1 L / 34 min = 1.9 L / hour)
- **DMX:** 1 Channel (fan speed variable 0-100%)
- **Electrical Supply:** 120VAC 5A 50/60Hz  
(220-240VAC 2A 50/60Hz)