

# SPARK<sup>®</sup> *line*

## SPARK<sup>™</sup> *cup*

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**A complete range of cup  
drinkers for broilers, breeders,  
layers, and turkeys**

High flow rate of  
500-600 ml/min.



**ROXELL<sup>®</sup>**

[www.roxellusa.com](http://www.roxellusa.com)

## 1 SPARKcup™ DRINKER FEATURES

- **Fast growth from day one!**
  - Float balls keep cups filled with water during the starting period.
  - Trigger can be activated from 360° giving day-old birds easy access to water.
- **Excellent hygiene; easy to maintain.**
  - Cup's self-cleaning action is automatically triggered as birds drink, washing the cup with fresh water and suspending any bits of feed in the cup for birds to consume with the water.
  - Drinking cups are of the appropriate depth and size to provide plenty of water to birds while helping to keep litter dry. No dripping valves.
  - Full straight-through flushing concept.
  - Durable component materials stand up to common additives and water-line chemicals.
- **Adaptable for your house configuration and type of birds.**
  - Different cup sizes for various bird types (see chart below). Cups can easily be switched.
  - Available in models with 2, 3, 4, 5 or 6 cups per 10-foot (3-meter) tube.
  - "U"-shaped water supply tube provides full freedom of movement for all types of birds.
  - Square water pipe and molded cup side supports maintain the drinker's cups in the proper position.

Number of birds per cup	Cup size	Moderate climate	Hot climate
Broilers	Small	60	35
Broiler Breeders (from day-old)	Small/Medium	35	25
Broiler Breeders (>18 weeks)	Medium	35	25
Turkeys (< 6 weeks)	Small	60	35
Turkeys (<30 lbs/13 kg)	Big	40	30
Turkeys (>30 lbs/13 kg)	Big	25	20

Our entire range includes feed bins; feed transport systems; and feeding, drinking, ventilation and control systems for poultry.



**FRESH COMBINATION™**  
complete range of galvanized feed bins.



**FLEX-line™** complete range of feed transport systems.



**HAIKOO™** oval pan feeding system for broilers.



**ProTerra®** fans, winches, inlets and evaporative cooling.

# SPARK<sup>line</sup>

## SPARK™ cup

## 2 SPECIFICATIONS

Maximum line length	Water restriction with pressure regulator		No water restriction with pressure regulator	
	Front	Center	Front	Center
Entry point for water line	Front	Center	Front	Center
2 - 3 cups per 10 feet (3 m) of water tube	164 ft. (50 m)	328 ft. (100 m)	328 ft. (100 m)	492 ft. (150 m)
4, 5 or 6 cups per 10 feet (3 m) of water tube	131 ft. (40 m)	262 ft. (80 m)	262 ft. (80 m)	492 ft. (150 m)
Water supply specifications				
Diameter of water supply after filters (normal and flush line)				Pump Capacity
Pressure regulator location	Front	Center		Per Min.
2 - 3 lines per house	1 in.	1 in.	3 bar (43.5 psi)	13 gal.
4 - 5 lines per house	1 in.	1.5 in.		13 gal.
6 - 7 lines per house	1.5 in.	1.5 in.		21 gal.
Water pressure at regulator	IN: 2.5-3 bar (36.3-43.5 psi)		OUT: 0.2-1 bar (2.9-14.5 psi)	
Flow rate of the valve	400 - 600 ml/minute			
Suspension points	Every 10 feet (3 meters)			
Water capacity/regulator	2.6 gallons/minute (10 liters)			

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**ROXELL®** 800-704-7356



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