

### **Tech Spec**

## Xeri-Bird<sup>™</sup> 8 Outlet Emission Device

The Most Flexible and Feature-Rich Multi-Outlet Device on the Market, Ideal for New Projects and Retrofit Applications



### **Applications**

#### **Maximum Flexibility**

Xeri-Bird<sup>™</sup> is the only multi-outlet emission device on the market with 8 ports that can be configured from 0.5 to 24 gph using interchangeable emitters or unrestricted flow. The Xeri-Bird<sup>™</sup> contains a built-in 200 mesh filter. Makes retrofitting easy when installed with the optional in-stem pressure regulator.

#### **Features**

- The only multi-outlet device on the market with 8 configurable ports and 10 flow options for each port for maximum flexibility
- Contains a 200 mesh built-in filter. Makes retrofitting easy when installed with the optional in-stem pressure regulator.
- Threads onto any ½" riser and delivers water to multiple locations for increased system flexibility
- Each port accepts a Xeri-Bug<sup>™</sup> Emitter or PC Module for independent flows from 0.5 to 24 gph (1.89 to 90.84 l/h) or use a self-piercing barb connector (SPB-025) for unrestricted flow
- Features an integral 200 mesh (75 micron) filter which is easily serviceable from the top of the unit

- Eight bottom-mounted, sure-grip barbed outlets securely retain ¼" XQ Distribution Tubing (not included)
- Each inner port and outlet is lettered (A-H) for noting the flow and placement of each emitter once the unit has been closed
- Unique union base nut allows removal of Xeri-Bird<sup>™</sup> body from riser for easy installation and maintenance
- Emitters must be installed inside the Xeri-Bird<sup>™</sup> to prevent excess back pressure
- Unused ports can be plugged while not in use (7 port plugs included)

#### **Operating Range**

- Flow: 0 to 24 gph (0 to 90.84 l/h) per outlet Determined by emitter installed.
- Pressure: 15 to 50 psi (1.0 to 3.5 bar)
- Regulated Pressure: 40 psi (2.76 bar)
- Filtration: integral 200 mesh (75 micron) filter

#### **Specifications**

- Dimensions: 9.2" L x 6.4" W x 6.6" H (23.4 cm L x 16.3 cm W x 16.8 cm H)
- Inlet: 1⁄2″ FPT

#### Models

- XBD-80: Xeri-Bird<sup>™</sup> unit (Includes (7) removable port plugs and (1) 200 mesh filter)
- XBD-81: Xeri-Bird<sup>™</sup> unit (includes (8) 1 gph (3.79 l/h) Xeri-Bug emitters, (1) 200 mesh filter, and 7 port plugs)

#### **Replacement Parts:**

• XBD8SCRN: replacement screen and two o-rings



Xeri-bird<sup>™</sup> allows precise watering at the root zones of plants, trees, and container plants.



Each port can be configured on the Xeri-Bird<sup>™</sup> by installing flow controlled emitters. Above shows a combination of 0.5, 1.0, and 2.0 gph Xeri-Bug emitters. Below is a list of available emitters.



#### XERI-BUGS (LOW FLOW)

Available Flow Rates: \*0.5 gph, 1 gph, and \*2 gph Xeri-Bird™ Includes (8) 1 gph emitters



\*PC MODULES (MEDIUM FLOW) Available Flow Rates: 5 gph, 7 gph, 10 gph, 12 gph, 18 gph, and 24 gph









# Xeri-Bird<sup>™</sup> 8 Outlet Emission Device

has been closed



Xeri-Bird™ installed on a Retrofit Pressure Regulator with ¼" XQ Tubing



The XBD-81 model includes (8) pre-installed 1 gph Xeri-Bug emitters.

Model: XB-10PC



\*Unthread to access 200-mesh (75-micron) screen

Union base nut permits removal from riser without tangling 1/4" tubing

(Optional) PRS-050-30 Retrofit Pressure Regulator. Sold separately.

\*\*Must be installed first. \*Must be installed second.

\*\*Unthread to access independent flow ports

7 Port Plugs are included in both Xeri-Bird™ models and can be installed on the inner ports of the Xeri-Bird™.

XQ ¼" Distribution Tubing extends emitter outlets to desirable discharge locations. Sold separately.

Each inner port and outlet is lettered (A-H) for noting the flow and placement of each emitter once the unit



A Retrofit Pressure Regulator provides convenient 30 psi pressure regulation at the riser. Sold separately.

**Model:** PRS-050-30



XQ <sup>1</sup>/<sub>4</sub>" Distribution Tubing is the strongest and most flexible <sup>1</sup>/<sub>4</sub>" Distribution Tubing available to extend emitter outlets to desirable discharge locations. Distribution Tubing is available in 100 ft. and 1000 ft coils. *Sold separately.* 

#### Models:

XQ-100: 100-foot (30m) coil 1/4" distribution tubing

XQ-1000: 1000-foot (304m) coil 1/4 " distribution tubing

XQ-1000-B: 1000-foot (30m) coil <sup>1</sup>/<sub>4</sub> " distribution tubing in a bucket

10

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20 30 40

Pressure (psi)

ModelPre-Installed in XBD-81Inlet Type/ ColorNominal Flow gphFiltration Required meshXB-10PC8Barb/Black1.0150	Included Xeri-Bug Emitter Specifications					
XB-10PC 8 Barb/Black 1.0 150	Model		Inlet Type/ Color	Flow	Required	
· · · · · ·	XB-10PC	8	Barb/Black	1.0	150	

#### Xeri-Bug Emitter Performance 2.5 10.0-(H) 8.0 2.0 Rate (gph) XB-20 XBT-20 Rate ( 1.5 6.0 XB-10 XB-10 XBT-10 1.0 4.0 Flow Flow 2.0 XB-05 0.5 0.0

60

50

0.0 0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 METRIC Pressure (bar)

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