

Emission Device	Applications	PC	Spray Pattern	Radius	Flow Rate	Inlet
DENSE PLANTING SCHEME						
Xeri Sprays/ Misters 	Ideal for ground cover, mass plantings, annual flower beds	No	Qtr circle stream / finger	0 to 3.2m	0 to 109.8 l/h @ 2.07 psi	10-32
			Half circle stream / finger			
			Full circle stream / finger	0 to 4.1m		
			Full circle mist			
Xeri 360 True Spray 	Ideal for ground cover, mass plantings, annual flower beds	No	Full circle Fan	0 to 2m	0 to 64 l/h at 100 kPa 0 to 92.7 l/h at 200 kPa	Spike Barb 10-32
SQ Series Nozzles 	Commercial grade Small or defined areas with dense plantings	Yes	Square Pattern Qtr	Adjustable 0.8 m or 1.2 m	Square Pattern Qtr	Thread
			Square Pattern Hlf		Square Pattern Hlf	
			Square Pattern Ful		Square Pattern Ful	
SPARSE PLANTING SCHEME						
Xeri Bug Emitters 	Low flow emitters for watering the root zones of individual plants, shrubs, and trees	Yes	Drip	Drip	3.79 l/h, 7.57 l/h 1.89 l/h, 3.79 l/h, 7.57 l/h 1.89 l/h, 3.79 l/h, 7.57 l/h	15/21 FPT Barb 10-32
Xeri Bug Emitters w/ Check valve 	Low flow emitters for watering the root zones of individual plants, shrubs, trees, containers and hanging baskets, especially when elevated or on a slope	Yes	Drip	Drip	1.89 l/h, 3.79 l/h, 7.57 l/h	Barb
					1.89 l/h, 3.79 l/h, 7.57 l/h	10-32
Xeri Bug Multi Outlet 	Use for watering the root zones of plants and trees and container plants	Yes	Drip	Drip	1.89 l/h, 3.79 l/h, 7.57 l/h 1.89 l/h, 3.79 l/h, 7.57 l/h	15/21 FPT Barb
PC Modules 	Watering larger shrubs and trees with higher water requirements	Yes	Drip	Drip	18.93 l/h, 26.50 l/h, 37.85 l/h	15/21 FPT
					18.93 l/h, 26.50 l/h, 37.85 l/h	Barb
					45.42 l/h, 68.13 l/h, 90.84 l/h	
					18.93 l/h, 26.50 l/h, 37.85 l/h	10-32
Xeri Bubblers 	Ideal for shrubs, trees, containers and flower beds. Use anywhere clogging is a concern or there is heavy mineral content in the water	No	180 stream	0-0.67m radius	0 to 49.21 l/h at 2.1 bar 0 to 30 l/h at 1 bar	Spike Barb 10-32
			360 stream	0-0.9m diameter	0 to 49.21 l/h at 2.1 bar 0 to 30 l/h at 1 bar	Spike Barb 10-32
			360 umbrella	0-0.9m diameter	0 to 132.48 l/h at 2.1 bar 0 to 98 l/h at 1 bar	Spike Barb 10-32

Xeri-Bug™ with Check Valve (XBCV)

NEW

Pressure Compensating, Low-Flow Emitters with 10ft of hold back, great for irrigating slopes, elevated zones, potted plants and more.

Features

Efficient Water Usage

With 10 feet (3 m) of hold-back power, XBCV eliminates low-point drainage and provides uniform irrigation throughout the zone

- In a standard 500-foot (152 m) line with 1/2" (13 mm) internal diameter, 20 gallons (76 L) of water is held in the line instead of draining out
- With XBCV only one zone is needed for up to a 10-foot (3 m) elevation change. Fewer zones saves money on valves and time on installation.

Holds Water in the Line

By holding water in the line, XBCV:

- Immediately begins irrigation and reduces zone run times
- Extends the life of the emitter by preventing calcium build up and clogs the emitter — a problem when a system drains and siphons dirty water

Pressure Compensating

A pressure-compensating design offers a consistent flow from 15 to 50 psi (1.0 to 3.5 bar) from the first emitter in the line to the last

Self-Cleaning

A self-flushing action cleans the emitters every time the system turns on and off, reducing maintenance and extending the life of the emitter.

Versatile Installation

- Self-piercing models feature barbs that make installation easier
- Models with 10-32 threaded ends can quickly connect to risers or adapters.
- Outlet barb securely retains 1/4" Distribution Tubing (XQ)

Durability

Robust design made from UV-resistant materials that are also resistant to chemicals

Compact Design

With a diameter less than a dime, the emitter is unobtrusive and easily hidden

Color coded

Color-coded to identify flow rate

Operating Range

- Opening Pressure: 15 psi (1.0 bar)
- Pressure: 15 to 50 psi (1.0 to 3.5 bar)
- Flow Rates: 0.5, 1.0 or 2.0 gph (1.9, 3.79 or 7.57 l/h)
- Filtration Requirement: 200 mesh (75 micron) for 0.5 gph, 150 mesh (100 micron) for all others

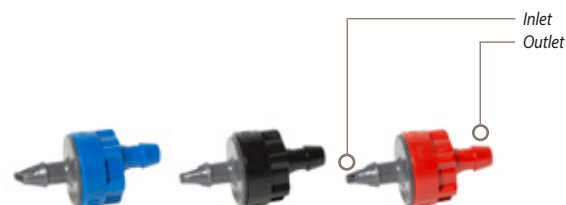
Models

Self-Piercing Barb Inlet x Barb Outlet

- XBCV-05PC: Blue, 0.5 gph (1.9 lph)
- XBCV-10PC: Black, 1.0 gph (3.8 lph)
- XBCV-20PC: Red, 2.0 gph (7.6 lph)

10-32 Threaded Inlet x Barb Outlet

- XBCV-05PC-1032: Blue, 0.5 gph (1.9 lph)
- XBCV-10PC-1032: Black, 1.0 gph (3.8 lph)
- XBCV-20PC-1032: Red, 2.0 gph (7.6 lph)



XBCV-05PC, XBCV-10PC, XBCV-20PC



XBCV-05PC-1032, XBCV-10PC-1032, XBCV-20PC-1032

1032-threaded models are specifically designed to be used with PolyFlex Risers, 1032 thread adapters (1032-A), or 1800 Xeri-Bubbler Adapter (XBA-1800)

Xeri-Bug Check Valve Bag Quantities and Models

Flow Rate	Color	Bag Qty.	Model Number
0.5 GPH (1.89 l/h)	Blue	25	XBCV05PC
		100	XBCV05PCBULK
		25	XBCV05PC1032
1.0 GPH (3.79 l/h)	Black	100	XBCV10PC
		25	XBCV10PCBULK
		25	XBCV10PC1032
2.0 GPH (7.57 l/h)	Red	100	XBCV20PC
		25	XBCV20PCBULK
		25	XBCV20PC1032
		100	XBCV20PC1032BULK

How to Specify

XBCV - 05 PC - 1032

Optional
1032 = 10-32
Threaded Inlet

Pressure
Compensating

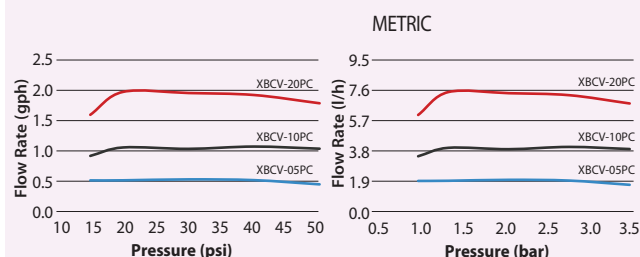
Flow
05 = 0.5 gph (1.89 l/h)
10 = 1.0 gph (3.79 l/h)
20 = 2.0 gph (7.57 l/h)

Model
Xeri-Bug
Check Valve

Xeri-Bug Check Valve Specifications and Models

Model	Inlet Type/Color	Nominal Flow gph	Filtration Required mesh
XBCV-05PC	Barb/Blue	0.5	200
XBCV-10PC	Barb/Black	1.0	150
XBCV-20PC	Barb/Red	2.0	150
XBCV-05PC1032	10-32T/Blue	0.5	200
XBCV-10PC1032	10-32T/Black	1.0	150
XBCV-20PC1032	10-32T/Red	2.0	150

Xeri-Bug Check Valve Performance



Xeri-Bug Check Valve Specifications and Models METRIC

Model	Inlet Type/Color	Nominal Flow l/h	Filtration Required micron
XBCV-05PC	Barb/Blue	1.89	75
XBCV-10PC	Barb/Black	3.79	100
XBCV-20PC	Barb/Red	7.57	100
XBCV-05PC1032	10-32T/Blue	1.89	75
XBCV-10PC1032	10-32T/Black	3.79	100
XBCV-20PC1032	10-32T/Red	7.57	100



Xeri-Bug™ Emitter with Check Valve

Xeri-Bug™ Emitters

Pressure Compensating, Low-Flow Emitters for Watering the Root Zones of Plants, Trees, and Container Plants

Features

Pressure Compensating

A pressure-compensating design offers a consistent flow from 15 to 50 psi (1.0 to 3.5 bar) from the first emitter in the line to the last

Self-Cleaning

A self-flushing action cleans the emitters every time the system turns on and off, reducing maintenance and extending the life of the emitter.

Versatile Installation

- Self-piercing models feature barbs that make installation easier
- Models with 10-32 threaded ends can quickly connect to risers or adapters.
- 1/2" FPT inlet that easily threads onto a 1/2" PVC riser and 2.0 gph models)
- Outlet barb securely retains 1/4" Distribution Tubing (XQ)

Durability

Robust design made from UV-resistant materials that are also resistant to chemicals

Compact Design

With a diameter less than a dime, the emitter is unobtrusive and easily hidden

Color coded

Color-coded to identify flow rate

Operating Range

- Opening Pressure: 15 psi (1.0 bar)
- Pressure: 15 to 50 psi (1.0 to 3.5 bar)
- Flow Rates: 0.5, 1.0 or 2.0 gph (1.9, 3.79 or 7.57 l/h)
- Filtration Requirement: 200 mesh (75 micron) for 0.5 gph, 150 mesh (100 micron) for all others

Models: 10-32 thread inlet x barb outlet

- XB-05PC-1032: Blue, 0.5 gph (1.89 l/h)
- XB-10PC-1032: Black, 1.0 gph (3.79 l/h)
- XB-20PC-1032: Red, 2.0 gph (7.57 l/h)

Models: 1/2" FPT inlet x barb outlet

- XBT-10: Black, 1.0 gph (3.79 l/h)
- XBT-20: Red, 2.0 gph (7.57 l/h)

Models: barb inlet x barb outlet

- XB-05PC: Blue, 0.5 gph (1.89 l/h)
- XB-10PC: Black, 1.0 gph (3.79 l/h)
- XB-20PC: Red, 2.0 gph (7.57 l/h)

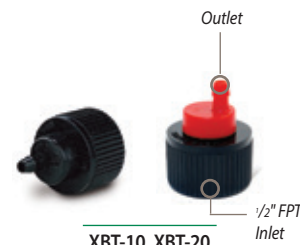


XB-05PC, XB-10PC, XB-20PC



XB-05PC-1032, XB-10PC-1032, XB-20PC-1032

1032-threaded models are specifically designed to be used with PolyFlex Risers, 1032 thread adapters (1032-A), or 1800 Xeri-Bubbler Adapter (XBA-1800)



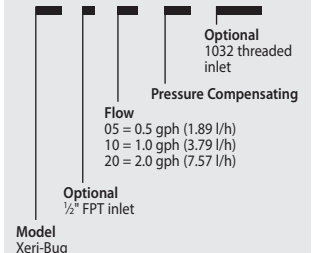
XBT-10, XBT-20

Xeri-Bug Emitter Bag Quantities and Models

Flow Rate	Color	Bag Qty.	Model Number
0.5 GPH (1.89 l/h)	Blue	25	XB05PC
		100	XB05PCBULK
		8000	XB05MAXPAK
		25	XB05PC1032
		100	XB05PC1032BULK
		8000	XB051032MAXPAK
1.0 GPH (3.79 l/h)	Black	25	XB10PC
		100	XB10PCBULK
		8000	XB10MAXPAK
		25	XB10PC1032
		100	XB10PC1032BULK
		8000	XB101032MAXPAK
2.0 GPH (7.57 l/h)	Red	25	XB20PC
		100	XB20PCBULK
		8000	XB20MAXPAK
		25	XB20PC1032
		100	XB20PC1032BULK
		8000	XB201032MAXPAK

How to Specify

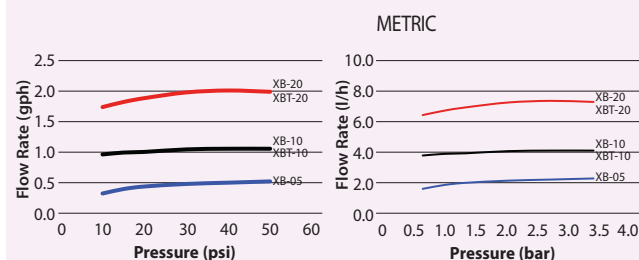
XB - T - 05 - PC - 1032



Xeri-Bug Emitter Specifications and Models

Model	Inlet Type/Color	Nominal Flow gph	Filtration Required mesh
XB-05PC	Barb/Blue	0.5	200
XB-10PC	Barb/Black	1.0	150
XB-20PC	Barb/Red	2.0	150
XB-05PC1032	10-32T/Blue	0.5	200
XB-10PC1032	10-32T/Black	1.0	150
XB-20PC1032	10-32T/Red	2.0	150
XBT-10PC	1/2" FPT/Black	1.0	150
XBT-20PC	1/2" FPT/Black	2.0	150

Xeri-Bug Emitter Performance



Xeri-Bug Emitter Specifications and Models

METRIC

Model	Inlet Type/Color	Nominal Flow l/h	Filtration Required micron
XB-05PC	Barb/Blue	1.89	75
XB-10PC	Barb/Black	3.79	100
XB-20PC	Barb/Red	7.57	100
XB-05PC1032	10-32T/Blue	1.89	75
XB-10PC1032	10-32T/Black	3.79	100
XB-20PC1032	10-32T/Red	7.57	100
XBT-10PC	1/2" FPT/Black	3.79	100
XBT-20PC	1/2" FPT/Black	7.57	100



Xeri-Bug™ Emitter, TS025-1/4" stake, and DBC025 Diffuser Bug Cap

Multi-Outlet Xeri-Bug™

Features

- Pressure compensating design delivers uniform flow throughout a wide pressure range (15 to 50 psi; 1.0 to 3.5 bar)
- Six-outlet emitter supplied with one outlet opened. Simply clip the outlet tips open with snips or clippers for additional operational ports
- Barbed outlets retain ¼" Distribution Tubing (XQ)
- Self-flushing action minimizes clogging
- Durable, UV-resistant color-coded plastic housing

Operating Range

- Flow: 0.5, 1.0 or 2.0 gph (1.89, 3.79 or 7.57 l/h)
- Pressure: 15 to 50 psi (1.0 to 3.5 bar)
- Filtration: 150-mesh (100-microns)

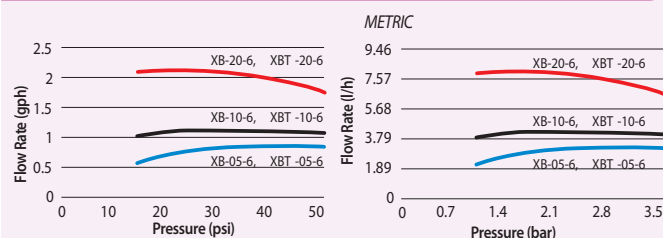
Models: barb inlet x barb outlet

- XB-05-6: Blue, 0.5 gph (1.89 l/h)
- XB-10-6: Black, 1.0 gph (3.79 l/h)
- XB-20-6: Red, 2.0 gph (7.57 l/h)

Models: ½" FPT inlet x barb outlet

- XBT-05-6: Blue, 0.5 gph (1.89 l/h)
- XBT-10-6: Black, 1.0 gph (3.79 l/h)
- XBT-20-6: Red, 2.0 gph (7.57 l/h)

Multi-Outlet Xeri-Bug Emitter Performance



XB-05-6, XB-10-6, XB-20-6



XBT-05-6, XBT-10-6, XBT-20-6



PC-05, PC-07, PC-10



PC-12, PC-18, PC-24



PC-05-1032, PC-07-1032, PC-10-1032

10-32-threaded models are specifically designed to be used with PolyFlex Risers, 10-32 thread adapters (1032-A), or 1800 Xeri-Bubbler Adapter (XBA-1800)



PCT-05, PCT-07, PCT-10

• 1/2" FPT inlet that easily threads onto a 1/2" PVC riser

Pressure-Compensating Modules

Pressure Compensating Point-Source Medium-Flow Emitters for Watering Larger Shrubs and Trees

Features

Pressure Compensating

Wide selection of pressure-compensating emitters offering 6 different consistent flow rates over a wide pressure range (10 to 50 psi / .7 to 3.5 bar)

Versatile Installation

- Self-piercing models feature barbs that make installation easier
- Models with 10-32 threaded ends can quickly connect to risers or adapters.
- 1/2" FPT inlet that easily threads onto a 1/2" PVC riser and 2.0 gph (models)
- Outlet barb securely retains 1/4" Distribution Tubing (XQ)

Durability

Robust design made from UV-resistant materials that are also resistant to chemicals

Compact Design

With a diameter less than a dime, the emitter is unobtrusive and easily hidden

Color coded

Color-coded to identify flow rate

Operating Ranges*

- Flow: 5 to 24 gph (18.93 to 90.84 l/h)
- Pressure: 10 to 50 psi (0.7 to 3.5 bar)
- Required filtration: 100 mesh (150 micron)

* **IMPORTANT NOTE:** Use a PC Diffuser Cap to eliminate squirting water when using a PC Module staked at the end of 1/4" Distribution Tubing (XQ) or on a PolyFlex Riser (PFR/FRA)

Models: barb inlet x barb outlet

- PC-05: Light brown, 5 gph (18.93 l/h)
- PC-07: Violet, 7 gph (26.50 l/h)
- PC-10: Green, 10 gph (37.85 l/h)
- PC-12: Dark brown, 12 gph (45.42 l/h)
- PC-18: White, 18 gph (68.13 l/h)
- PC-24: Orange, 24 gph (90.84 l/h)

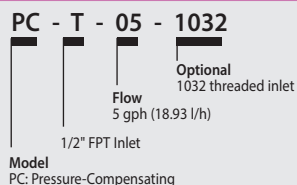
Models: 10-32 thread inlet x barb outlet

- PC-05-1032: Light brown, 5 gph (18.93 l/h)
- PC-07-1032: Violet, 7 gph (26.50 l/h)
- PC-10-1032: Green, 10 gph (37.85 l/h)

Models: 1/2" FPT thread Inlet

- PCT-05: Light Brown, 5 gph (18.93 l/h)
- PCT-07: Violet, 7 gph (26.50 l/h)
- PCT-10: Green, 10 gph (37.85 l/h)

How to Specify

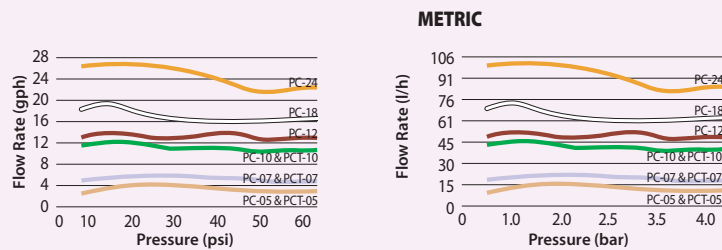


Pressure-Compensating Modules

Pressure-Compensating Module Models			
Model	Inlet Type/ Outlet/Color	Nominal Flow gph	Filtration Required mesh
PC-05	Barb / light brown	5	100
PC-07	Barb / violet	7	100
PC-10	Barb / green	10	100
PC-12	Barb / dark brown	12	100
PC-18	Barb / white	18	100
PC-24	Barb / orange	24	100
PC-05-1032	10-32T / light brown	5	100
PC-07-1032	10-32T / violet	7	100
PC-10-1032	10-32T / green	10	100
PCT-05	NPT / light brown	5	100
PCT-07	NPT / violet	7	100
PCT-10	NPT / green	10	100

Pressure-Compensating Module Models				METRIC
Model	Inlet Type/ Outlet/Color	Nominal Flow l/h	Filtration Required micron	
PC-05	Barb / light brown	18.93	150	
PC-07	Barb / violet	26.50	150	
PC-10	Barb / green	37.85	150	
PC-12	Barb / dark brown	45.42	150	
PC-18	Barb / white	68.13	150	
PC-24	Barb / orange	90.84	150	
PC-05-1032	10-32T / light brown	18.93	150	
PC-07-1032	10-32T / violet	26.50	150	
PC-10-1032	10-32T / green	37.85	150	
PCT-05	NPT / light brown	18.93	150	
PCT-07	NPT / violet	26.50	150	
PCT-10	NPT / green	37.85	150	

Pressure-Compensating Modules & Bubblers Performance



PC Diffuser Cap

Features

- Cap snaps securely onto the PC Module and XB emitter outlet to create bubbler effect and prevent wash out
- Designed for quick and easy installation
- Made of UV-resistant polyethylene material

Models

- PC-DIFFUSER: Black
- PC-DIFF-PPL: Purple to designate non-potable water

