

POINT SOURCE EMITTERS

SELF-PIERCING EMITTERS

With Check Valve

APPLICATIONS

- For use with blank polyethylene tubing, Techline® HCVXR, CV, DL and RW
- Install on-surface or subsurface
- Wide-spaced plantings
- Tree planting
- Hanging baskets
- Flower boxes
- Planters or pots

SPECIFICATIONS

- Flow rates: 0.5, 1.0 and 2.0 GPH
- Pressure compensation range: 10.15 to 58 psi
- Maximum pressure: 58 psi
- Uses 0.160" x 0.220" micro-tubing (Model EDTUBE - in black or white)
- Barb size: Inlet 0.160" - 0.170"
Outlet 0.160"
- Recommended minimum filtration: 120 mesh

FEATURES & BENEFITS

SELF-PIERCING BARB

Easy to install, no tools required. Optional insertion tool available.

1.74 psi INTERNAL CHECK VALVE

Helps prevent low emitter drainage holding back up to a 3.9' column of water. Can be used with Techline HCVXR and CV Dripline.

ANTI-SIPHON OPERATION

Prevents contaminants from being drawn into the emitter.

PRESSURE COMPENSATING

Delivers the same flow from 10.15 to 58 psi.

SELF-CLEANING ACTION

Exclusive TurboNet® flow path design regulates flow and provides continuous self-cleaning action during operation.



BLUE EMITTER
0.5 GPH



BLACK EMITTER
1.0 GPH



RED EMITTER
2.0 GPH

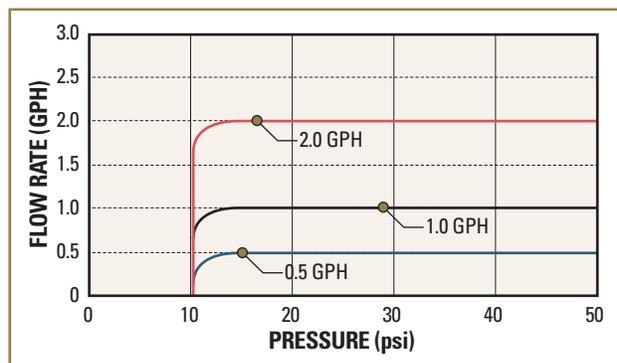


INSERTION TOOL
Model SPDT

ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
0.5 GPH	BLUE	25	SPCV05-25
		100	SPCV05-100
		250	SPCV05-250
		1,000	SPCV05-1000
1.0 GPH	BLACK	25	SPCV10-25
		100	SPCV10-100
		250	SPCV10-250
		1,000	SPCV10-1000
2.0 GPH	RED	25	SPCV20-25
		100	SPCV20-100
		250	SPCV20-250
		1,000	SPCV20-1000

FLOW RATE VS. PRESSURE



POINT SOURCE EMITTERS

TECHFLOW EMITTERS

Pressure Compensating

APPLICATIONS

- For use with systems with a wide range of pressure variations (14.5 to 58 psi)
- Install on-surface or subsurface
- Wide range of plant spacings
- Hanging baskets, flower baskets, pots, interiorscapes

SPECIFICATIONS

- Flow rates: 0.5, 1.0 and 2.25 GPH
- Pressure compensation range: 14.5 to 58 psi
- Maximum pressure: 58 psi
- Uses 0.160" x 0.220" micro-tubing (Model EDTUBE - in black or white)
- Barb size: Inlet 0.160" - 0.170" Outlet 0.160"
- Recommended minimum filtration: 120 mesh

FEATURES & BENEFITS

UNIQUE EMITTER DESIGN

Regulates flow and provides continuous self-cleaning action during operation.

2.2 psi INTERNAL CHECK VALVE

Helps prevent low emitter drainage by holding back up to a 5' column of water.

ANTI-SIPHON OPERATION

Prevents contaminants from being drawn into emitter.

COLOR-CODED EMITTER

Denotes flow rate.

CAN BE USED WITH TECHLINE® HCVXR AND CV DRIPLINE

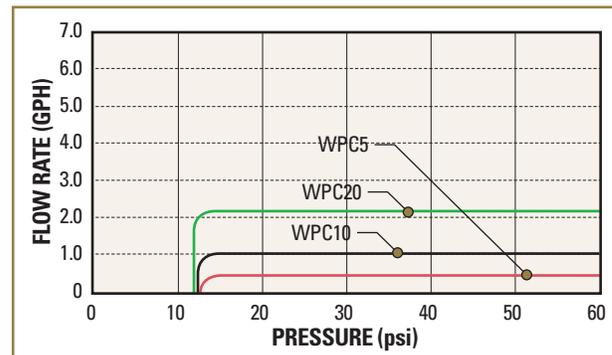
Without causing dripline drainage.



ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
BARB INLET X NIPPLE OUTLET			
0.5 GPH	RED	25	WPC5
		250	WPC5-250
1.0 GPH	BLACK	25	WPC10
		250	WPC10-250
2.25 GPH	GREEN	25	WPC20
		250	WPC20-250
BUG CAP			
-	-	25	WPBC
BARBED ADAPTER			
-	-	25	11WPCON47-B

FLOW RATE VS. PRESSURE



POINT SOURCE EMITTERS

Non-Pressure Compensating

BD & WP EMITTERS

APPLICATIONS

- Use in piping networks with limited pressure variation
- Planters and pots
- Wide-spaced plantings

SPECIFICATIONS

- Flow rates: 0.5, 1.0 and 2.0 GPH
- BD and WP models use 0.160" x 0.220" micro-tubing (Model EDTUBE)
- Barb size: Inlet 0.160" - 0.170"
Outlet 0.160"
- Maximum pressure: 29 psi
- Recommended minimum filtration: 120 mesh

FEATURES & BENEFITS

WIDE TURBULENT FLOW PASSAGE

Resists clogging and works well in low pressure applications.

BARB INLET

For easier installations.

COLOR-CODED EMITTER

Denotes flow rate.



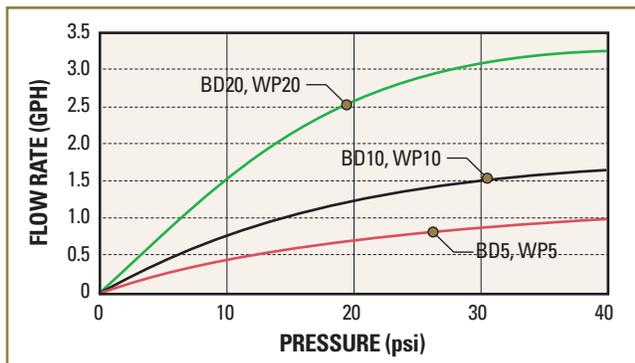
BD EMITTERS ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
0.5 GPH	RED	25	BD5
		250	BD5-250
1.0 GPH	BLACK	25	BD10
		250	BD10-250
2.0 GPH	GREEN	25	BD20
		250	BD20-250

WP EMITTERS ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
0.5 GPH	RED	25	WP5
		250	WP5-250
1.0 GPH	BLACK	25	WP10
		250	WP10-250
2.0 GPH	GREEN	25	WP20
		250	WP20-250

FLOW RATE VS. PRESSURE



POINT SOURCE EMITTERS

COMPARISON

POINT SOURCE EMITTERS COMPARISON CHART

Emitter Flow Rate (GPH)	SELF-PIERCING EMITTERS			TECHFLOW EMITTERS			BD and WP EMITTERS		
	0.5	1.0	2.0	0.5	1.0	2.0	0.5	1.0	2.0
									
APPLICATION	For Quick and Easy Installations Requiring No Tools			For Systems with a Wide Range of Pressure Variation			For Low Pressure or Gravity Fed Systems		
TOOL REQUIRED FOR INSTALLATION	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
PRESSURE COMPENSATION RANGE	10.15 to 58 psi	10.15 to 58 psi	10.15 to 58 psi	14.5 to 58 psi	14.5 to 58 psi	14.5 to 58 psi	No	No	No
MAXIMUM PRESSURE	58 psi	29 psi	29 psi	29 psi					
INTERNAL CHECK VALVE	1.74 psi, holds up to 3.9' of water			2.2 psi, holds up to 5' of water			No	No	No
ANTI-SIPHON	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
SELF-CLEANING	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
BAG QUANTITY: 25	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
100	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
250	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1,000	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A