

### On-Line Emitters PC Emitter and Lady Bug Series

Precise water application,  
self-flushing action,  
excellent value

- High quality - low volume irrigation
- Excellent pressure compensating performance
- Ideal for vineyards, nurseries, and orchards, among others
- Water saving alternative for greenhouses



PC Emitter

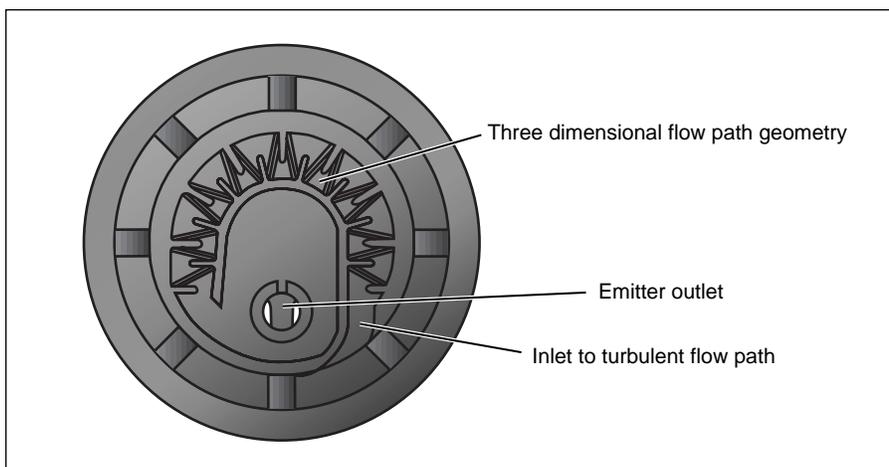


EMT6-M PC Emitter



EM-L Lady Bug Emitter

#### Interior View of the PC Emitter



#### Model Number Description

<b>PC - 10 - SP - B</b>	
<p><u>Product Line Identification</u> PC = Pressure Compensating</p> <p>EM6-M = 6-outlet PC EMT6-M = Threaded Inlet, 6-outlet PC EM-L = Lady Bug</p>	<p><u>Outlet Style</u> B = Barbed</p> <p><u>Inlet Style</u> SP = Self-Piercing NSP = Non Self-Piercing</p>
<p><u>Flow Rate</u> 0.5 = 0.5 gph 10 = 1.0 gph 20 = 2.0 gph</p>	



## Features and Benefits

### Pressure compensating

- Provides superior flow uniformity regardless of pressure
- Ideal for undulating terrain or systems with a large variation in pressure

### Barbed outlet - standard

- Add “spaghetti” tubing to direct water for maximum accuracy
- Smooth outlet available as a special order (consult factory)

### Silicone diaphragm

- Best material for long-term exposure to ag chemicals
- Superior flush of debris when system is activated

### Self-piercing inlet

- One-step installation saves labor costs
- Non self-piercing available

### Turbulent flow path

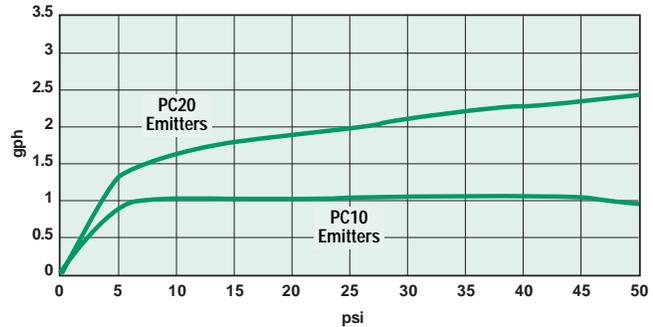
- Three dimensional geometry to keep grit in suspension as it moves through the emitter
- Emitter body and inlet made of materials to withstand chemical and U-V degradation
- No squirting - puts water at the desired spot
- Color-coded inlet barb identifies flow rate

### Economical

- Compact design for low cost
- Energy savings

## PC Emitters

### Performance Curves - U.S. Units



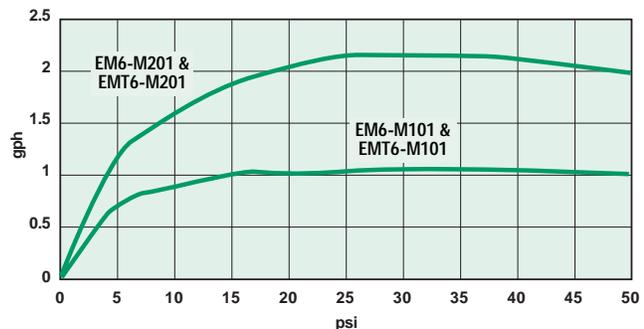
### Product Specifications - PC Emitters

	PC Emitter	
	1.0* gph	2.0* gph
Minimum Operating Pressure (psi)	15	15
Maximum Operating Pressure (psi)	50	50
Emitter Flow Rate (gph) @ 25 psi	1.0	2.0
Filtration (mesh)	200	200
Inlet Color	Black	Red

\* For flow rate on EM6 and EMT6, multiply number of outlets open by given flow rate.

## Multi-Outlet PC Emitters

### Performance Curves - U.S. Units

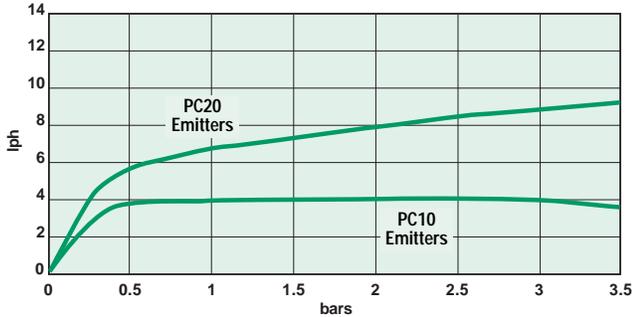


### Multi-Outlet additional benefits

- Six independently operating pressure compensating outlets in each emission device
- Each outlet is self regulating and self flushing
- Easily opened outlets
- Ideal to ensure high levels of uniformity in uneven terrain, long laterals, and large pressure variations

## PC Emitters

### Performance Curves - Metric Units



### Installation Tool



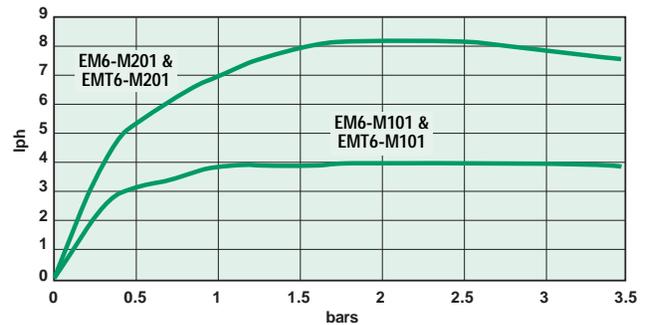
### Product Specifications - PC Emitters

	PC Emitter	
	3.8* lph	7.6* lph
Minimum Operating Pressure (bars)	1.0	1.0
Maximum Operating Pressure (bars)	3.5	3.5
Emitter Flow Rate (lph) @ 1.5 bars	3.8	7.6
Filtration (microns)	75	75
Inlet Color	Black	Red

\* For flow rate on EM6 and EMT6, multiply number of outlets open by given flow rate.

## Multi-Outlet PC Emitters

### Performance Curves - Metric Units



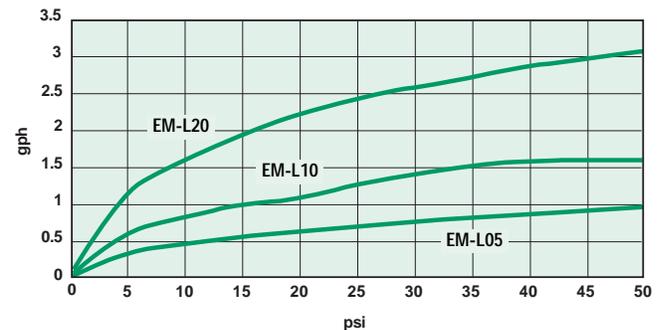
## Lady Bug Emitters

### Features and Benefits

- Ideal for applications where water pressure variations are not a significant factor
- Tortuous path allows particles to be kept in suspension during normal operation making the emitter resistant to plugging
- Value and economy for low volume irrigation
- Plug resistant, reducing overall system maintenance and resulting in lower operating costs
- Ideal choice for a variety of agricultural, nursery, and greenhouse applications

## Lady Bug Emitters

### Performance Curves - U.S. Units



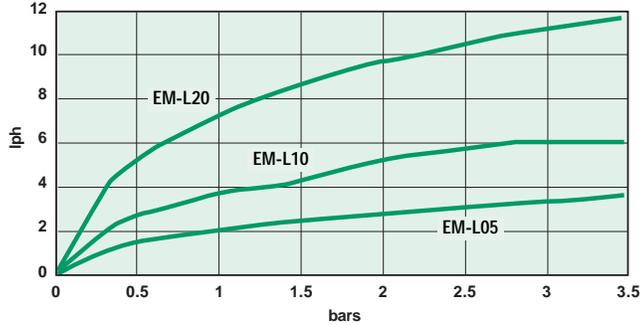
### Product Specifications - Lady Bug Emitters

	Lady Bug Emitter		
	0.5 gph	1.0 gph	2.0 gph
Nominal Operating Pressure (psi)	15	15	15
Flow Rate (gph) @ 15 psi	0.5	1.0	2.0
Filtration (mesh)	200	100	100
Inlet Color	Blue	Black	Red



## Lady Bug Emitters

### Performance Curves - Metric Units



### Product Specifications - Lady Bug Emitters

	Lady Bug Emitter		
	1.9 lph	3.8 lph	7.6 lph
Nominal Operating Pressure (bars)	1.0	1.0	1.0
Flow Rate (lph) @ 1 bar	1.9	3.8	7.6
Filtration (microns)	75	150	150
Inlet Color	Blue	Black	Red



## PC Emitters

PC Emitter Model Number	Flow Rate gph	Flow Rate lph	Inlet	Outlet	Part Number
PC-10-SP-B	1.0	3.8	Self-piercing	Barbed	A118411
PC-10-NSP-B	1.0	3.8	Non self-piercing	Barbed	A118421
PC-20-SP-B	2.0	7.6	Self-piercing	Barbed	A118412
PC-20-NSP-B	2.0	7.6	Non self-piercing	Barbed	A118422
EM6-M101	1.0*	3.8*	Barbed	6 Barbed, 1 Open	A78314
EM6-M201	2.0*	7.6*	Barbed	6 Barbed, 1 Open	A78312
EMT6-M101	1.0*	3.8*	1/2" Threaded inlet	6 Barbed, 1 Open	A78714
EMT6-M201	2.0*	7.6*	1/2" Threaded inlet	6 Barbed, 1 Open	A78712

\* Flow rate for each open outlet

## Lady Bug Emitters

Emitter Model Number	Flow Rate gph	Flow Rate lph	Inlet	Outlet	Part Number
EM-L05	0.5	1.9	Self-piercing	Barbed	A77322
EM-L10	1.0	3.8	Self-piercing	Barbed	A77324
EM-L20	2.0	7.6	Self-piercing	Barbed	A77328

## On-Line Emitter Accessories

Model Number	Description	Part Number
170654 EMA-GP	Installation Tool for Self-Piercing Barb Line (Goof) Plugs	170654 D24695

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