

# NGE® New Generation Emitters

- 0.5 (1,9 LPH), 1.0 (3,8 LPH) and 2.0 GPH (7,6 LPH)
- 8-60 psi (0,6-4,14 Bar)
- Pressure-Compensating

*Designed for demanding drip irrigation installations,* the Toro® New Generation Emitter (NGE) has what it takes to keep your system flowing.



## Features & Benefits

### Uniform Flow Rates

Make the NGE ideal for use in difficult topographical conditions.

### Unique Emitter Design And Pressure Compensating Diaphragm

Allows the emitter to self-flush during operation and shut-down to facilitate cleaning. This ensures the emitter is free of debris at start-up and during the emitter operation.

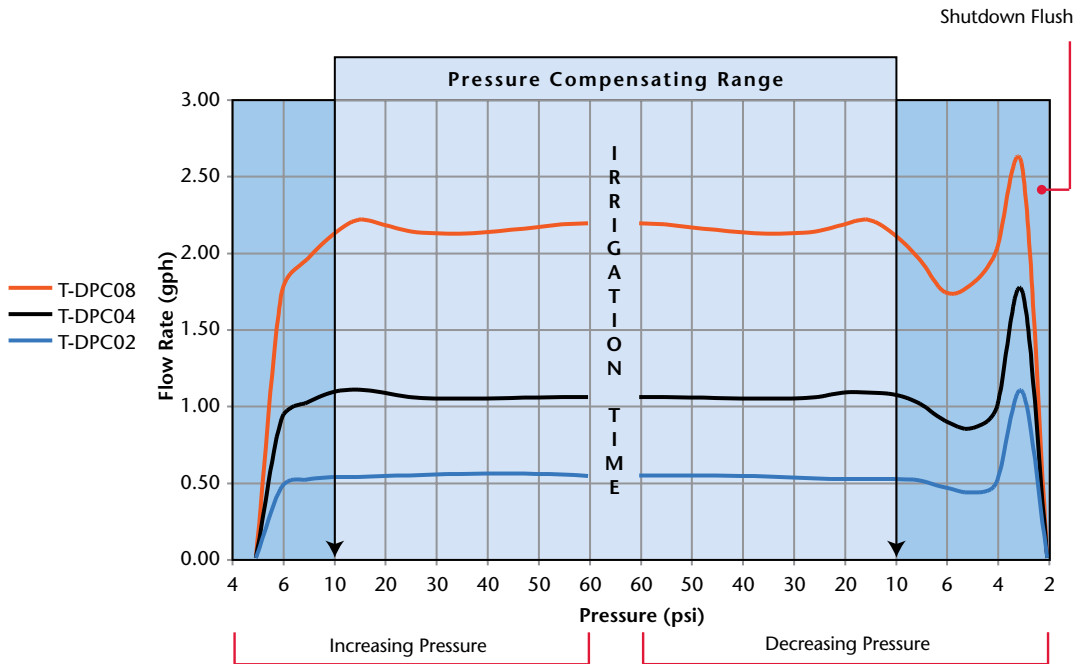
Stops the emitter from draining below 2-3 psi (0,14-0,20 Bar) preventing complete drainage of the system. This reduces the time required to refill the system at start-up improving the overall operation.

Allows the emitter to close inhibiting back siphoning and preventing the emitter from being contaminated with debris

### Coefficient Of Variation (CV) Of 3% Or Less

As tested by Toro and independent labs, the NGE is one of the best performing pressure-compensating emitters available.





NGE Flow Rates—US

Pressure	DPC02	DPC04	DPC08
psi	GPH	GPH	GPH
6	0.46	0.91	1.73
8	0.51	1.01	1.95
10	0.53	1.08	2.11
15	0.53	1.10	2.21
20	0.53	1.08	2.17
25	0.54	1.05	2.13
30*	0.54	1.04	2.12
35	0.55	1.04	2.12
40	0.55	1.04	2.12
45	0.55	1.04	2.14
50	0.55	1.05	2.16
55	0.54	1.05	2.18
60	0.54	1.05	2.18

\* Recommended operating pressure

## Specifications

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- Recommended operating pressure: 8-60 psi (0,5-4,1 Bar)
- Flow Rates:
  - T-DPC02 – 0.5 GPH (1,9 LPH)
  - T-DPC04 – 1.0 GPH (3,8 LPH)
  - T-DPC08 – 2.0 GPH (7,6 LPH)
- Color-coded snap-on dust cap (0.5 Blue; 1.0 Black; 2.0 Red) deters dust and insects from entering the emitter
- Barbed inlet allows emitters to be installed directly onto hose or used with ¼" (6mm) tubing

### Warranty

- Two years

NGE Performance Table—US

		T-DPC02	T-DPC04	T-DPC08
Nominal Flow Rate (Q)	GPH	0.5 GPH	1.0 GPH	2.0 GPH
Recom. Pressure Range (P)	psi	8–60 psi		
Emitter Exponent (x)		0.000	0.000	0.002
Coefficient of Variation (Cv)		3%		
Min. Filtration Requirement		140 Mesh (105 Micron)		
Optional Outlet		-MA (Male Adapter)	-DC (Snap-on Dust Cap)	
Color (Cap)		Blue	Black	Red

## Specifying Information—NGE Emitter

Part Number	Description
T-DPC02-MA	<b>NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Male Adapter</b> 0.5 GPH (2 LPH) NGE Self-flushing Pressure-compensating Emitter w/Male Adapter (black)
T-DPC04-MA	
T-DPC08-MA	
T-DPC02-DC-BLUE	<b>NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Dust Cap</b> 0.5 GPH (2 LPH) NGE Self-flushing Pressure-compensating Emitter w/Dust Cap (blue)
T-DPC04-DC	
T-DPC08-DC-RED	