

TORO.

Count on it.

NGE® New Generation Emitters

Landscape Drip



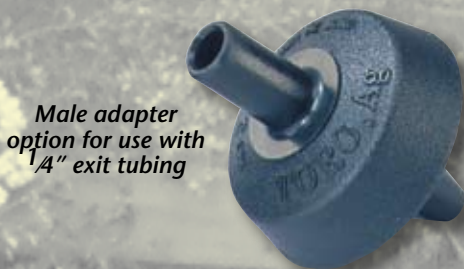
NGE with
Blue (0.5 GPH)
color-coded
dust cap



NGE with
Black (1.0 GPH)
color-coded
dust cap



NGE with
Red (2.0 GPH)
color-coded
dust cap



Male adapter
option for use with
1/4" exit tubing

Designed for demanding drip irrigation installations, the Toro® New Generation Emitter (NGE) has what it takes to keep your system flowing. Through its unique design and pressure-compensating diaphragm, the NGE provides unmatched clogging protection. A self-flushing feature ensures the emitter is free of debris during operation and shut-down while the anti-siphon feature protects against back siphoning. The NGE stands as one of the industry's top performing pressure-compensating emitters with a Cv of 3% or less, as tested by Toro and independent labs. Available in 3 color-coded flow rates and male adapter models for use with 1/4" exit tubing, Toro's pressure compensating NGE is ideal for difficult topographical conditions.

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 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.

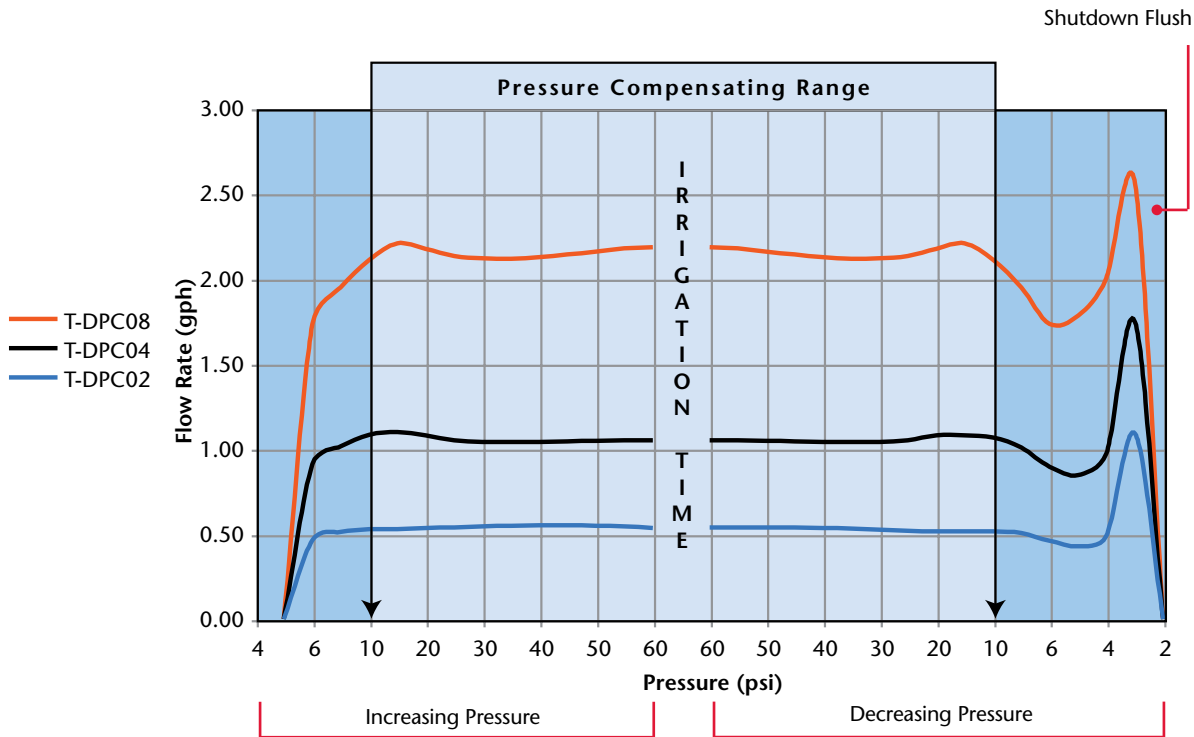
Coefficient Of Variation (CV) Of 3% Or Less

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





NGE[®] New generation Emitters



Performance Table		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

Flow Rates

Pressure	T-DPC02	T-DPC04	T-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

Model Information

Model	Description
• T-DPC02-DC-BLUE	0.5 GPH N.G.E Self Flushing, Pressure Compensating, Emitter w/Dust Cap (Blue)
• T-DPC04-DC	1.0 GPH N.G.E Self Flushing, Pressure Compensating, Emitter w/Dust Cap (Black)
• T-DPC08-DC-RED	2.0 GPH N.G.E Self Flushing, Pressure Compensating, Emitter w/Dust Cap (Red)

Specifications

- Recommended operating pressure: 8-60 psi
- Flow Rates:
 - T-DPC02 – 0.5 GPH
 - T-DPC04 – 1.0 GPH
 - T-DPC08 – 2.0 GPH
- 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 1/4" tubing

Warranty

- Two years

Specifying Information—NGE Emitter

Part Number	Description
T-DPC02-MA	NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Male Adapter 0.5 GPH (2 LPH) NGE Self-flushing Pressure-compensating Emitter w/Male Adapter (black)
T-DPC04-MA	1.0 GPH (4 LPH) NGE Self-flushing Pressure-compensating Emitter w/Male Adapter (black)
T-DPC08-MA	2.0 GPH (8 LPH) NGE Self-flushing Pressure-compensating Emitter w/Male Adapter (black)
T-DPC02-DC-BLUE	NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Dust Cap 0.5 GPH (2 LPH) NGE Self-flushing Pressure-compensating Emitter w/Dust Cap (blue)
T-DPC04-DC	1.0 GPH (4 LPH) NGE Self-flushing Pressure-compensating Emitter w/Dust Cap (black)
T-DPC08-DC-RED	2.0 GPH (8 LPH) NGE Self-flushing Pressure-compensating Emitter w/Dust Cap (red)



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