

TORO.

Count on it.

NGE® New Generation Emitters

Landscape Drip

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 ¼" 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.

Poly Risers **NEW!**

NGE® Poly Flex Risers come pre-assembled with an NGE emitter attached to a 12" poly flex riser and ½" male threaded fitting, making for easy installation when using PVC pipe as the supply line on a drip system as a more durable alternative to traditional poly hose, while keeping the emitter above ground for easy maintenance. The assembly is held together with barbed inserts for stronger retention, even in hotter desert climates.



NGE with
Blue, 0.5 GPH
(1,9 LPH)
color-coded
dust cap

NGE with
Black, 1.0 GPH
(3,8 LPH)
color-coded
dust cap



NGE with
Red, 2.0 GPH
(7,6 LPH)
color-coded
dust cap

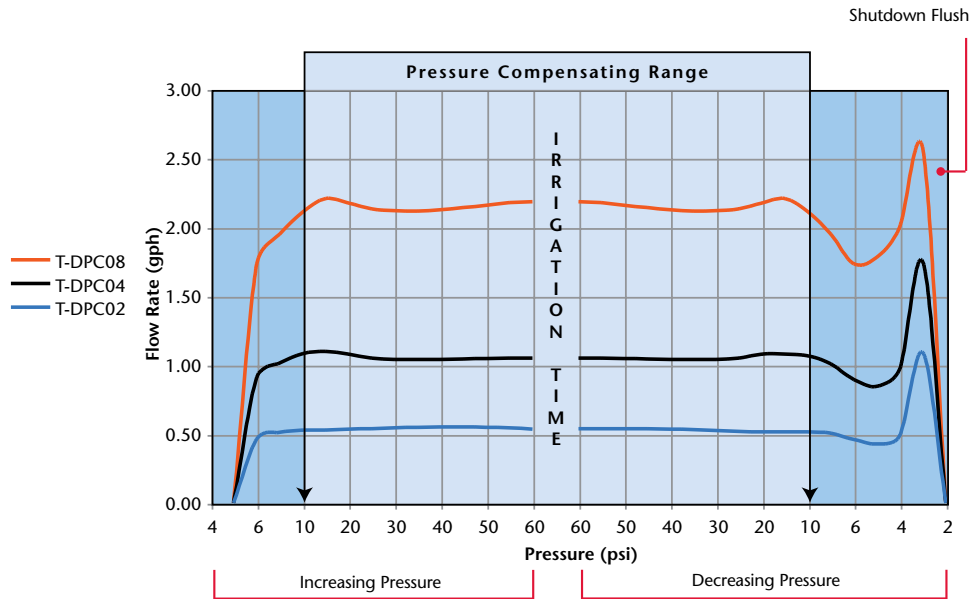


Male adapter
option for use with
¼" (6,4mm)
exit tubing





NGE® New generation Emitters



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 1/4" (6mm) tubing

Warranty

- Two years

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)

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

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	NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Male Adapter
T-DPC04-MA	
T-DPC08-MA	
T-DPC02-DC-BLUE	NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Dust Cap
T-DPC04-DC	
T-DPC08-DC-RED	
T-DPC04-PR12	NGE SF (Self-flushing) Pressure-compensating Turbulent Flow Emitter with Dust Cap on Poly Riser
T-DPC08-PR12	



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 P/N 13-1066-IRC