

**Residential, commercial**

**Feature and Benefit Highlights**

- Uniform flow rates make NGE ideal for use in difficult topographical conditions
- The 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 ting contaminated with debris, siphoned back into the system at shut-down
  - Stops the emitter from draining below 2–3 psi (0,1–0,2 Bar) and prevents complete drainage of system and thus reduces the time to refill the system at the emitter operation
  - Allows the emitter to 'close' to inhibit back siphoning and prevents the emitter from heart-up, improving system uniformity
- With a 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
- Color-coded snap-on dust cap for easy on-site identification:
  - 0.5—Blue
  - 1.0—Black
  - 2.0—Red



*This unique design allows flushing and anti-siphoning during the emitter's operation and shutdown, giving it added protection from clogging.*

**Additional Features**

- Barbed inlet allows emitters to be installed directly onto hose or used with ¼" (4mm) leader tubing (Part No. EHD0437)
- Available with Male Adapter (-MA) or Snap-on Dust Cap (-DC):
  - Male Adapter option with bug shield deters the entry of insects, but also can be used with ¼" (4mm) exit tubing for precision water placement
  - The Dust Cap option deters dust and insects from entering the emitter

**Specifications**

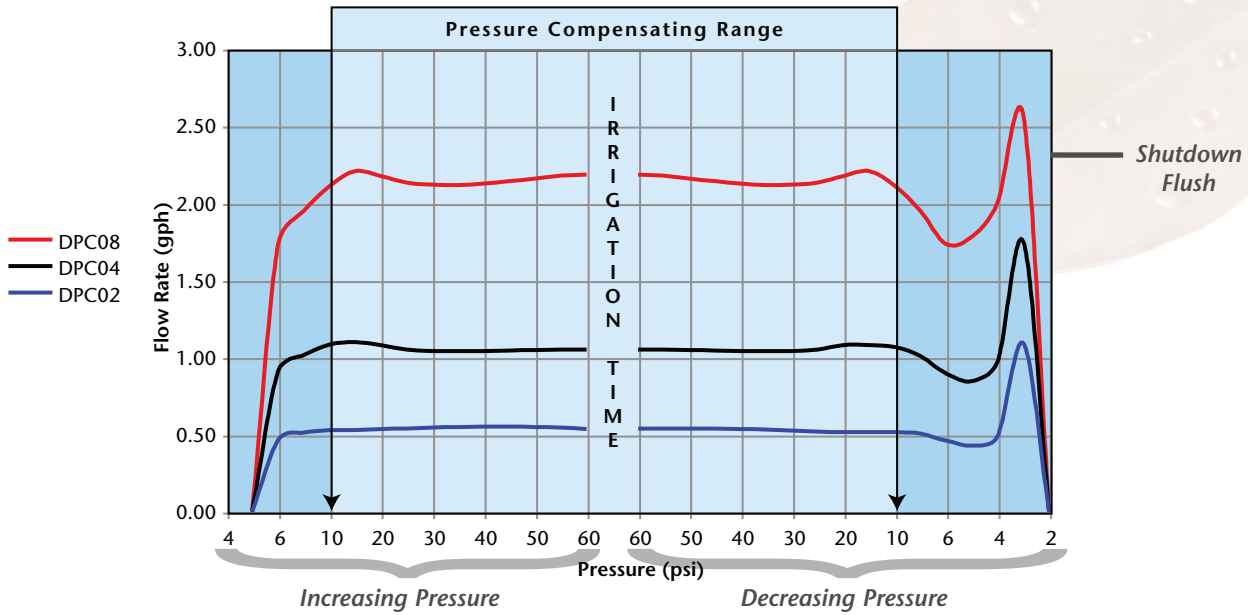
- Recommended operating pressure: 8–60 psi (0,5–4,1 Bar)
- Flow rates:
  - DPC02—0.5 GPH (2,0 LPH)
  - DPC04—1.0 GPH (4,0 LPH)
  - DPC08—2.0 GPH (8,0 LPH)

**Specifying Information**

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



*NGE is a registered trademark of The Toro Company.*



Flow Rates—U.S. and Metric

Pressure		DPC02		DPC04		DPC08	
psi	Bar	GPH	LPH	GPH	LPH	GPH	LPH
6	0,41	0,46	1,76	0,91	3,44	1,73	6,56
8	0,55	0,51	1,93	1,01	3,84	1,95	7,37
10	0,69	0,53	2,00	1,08	4,10	2,11	7,98
15	1,03	0,53	2,00	1,10	4,16	2,21	8,35
20	1,38	0,53	2,02	1,08	4,08	2,17	8,23
25	1,72	0,54	2,04	1,05	3,97	2,13	8,07
<b>30*</b>	<b>2,07</b>	<b>0,54</b>	<b>2,06</b>	<b>1,04</b>	<b>3,94</b>	<b>2,12</b>	<b>8,02</b>
35	2,41	0,55	2,08	1,04	3,94	2,12	8,01
40	2,76	0,55	2,09	1,04	3,94	2,12	8,04
45	3,10	0,55	2,08	1,04	3,95	2,14	8,11
50	3,45	0,55	2,07	1,05	3,96	2,16	8,17
55	3,79	0,54	2,06	1,05	3,97	2,18	8,24
60	4,14	0,54	2,03	1,05	3,97	2,18	8,27

\* Recommended operating pressure

Performance Table		DPC02	DPC04	DPC08
Nominal Flow Rate (Q)	GPH	0.53 GPH	1.06 GPH	2.11 GPH
	LPH	2,0 LPH	4,0 LPH	8,0 LPH
Recom. Pressure Range (P)	psi	8–60 psi		
	Bar	0,6–4,1 Bar		
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



Male adapter option can be used with 1/4" (4 mm) exit tubing for precision water placement.