

TORO®

Count on it.

Drip Zone Valve Kits

Valves

Pre-packaged and ready for installation – Toro® Drip Zone Valve Kits provide everything you need for drip zone automation. No need to specify or purchase separate parts.

Features & Benefits

Everything You Need Is In The Kit

- Toro Y-Filter – protects against contamination.
- Control Valve – controls the flow of water
- Pressure Regulator – reduces system pressure to levels suitable for drip irrigation

Specially Designed For Low-volume Drip Applications

- These kits are a simple, one-stop package available in ¾" (20mm) and 1" (25mm) sizes
- Less valve kits also available

Reliable Valve Options

- TPV Series, 1" (25mm) Inline
- EZ-Flo® Plus, ¾" (20mm) AVB and 1" (25mm) Inline
- 700 UltraFlow® Valve, 1" (25mm) Inline



Low Flow TPV Series Drip Zone Kits



Drip Zone Valve Kits



Specifications	Toro EZ-Flo Plus AVB*		Toro TPV		700 UltraFlow In-line	
Part Number	DZK-EZF-075-LF	DZK-EZF-075-MF	DZK-TPV-1-LF	DZK-TPV-1-MF	DZK-700-1-LF	DZK-700-1-MF
Description	Drip Zone Valve Kit, 3/4" (20mm) EZ-Flo Plus, AVB, Low-flow	Drip Zone Valve Kit, 3/4" (20mm) EZ-Flo Plus, AVB, Medium-flow	Drip Zone Valve Kit, 1" (25mm), Low-flow	Drip Zone Valve Kit, 1" (25mm), Medium-flow	Drip Zone Valve Kit, 1" (25mm) 700 UltraFlow, In-line, Low-flow	Drip Zone Valve Kit, 1" (25mm) 700 UltraFlow, In-line, Medium-flow
Connection Size	3/4" (20mm)	3/4" (20mm)	1" (25mm)	1" (25mm)	1" (25mm)	1" (25mm)
Control Valve Solenoid	24VAC, Inrush: 0.4 amps, 11.5 VA, Holding 0.20 amps, 5.75 VA					
Minimum Flow Rate	0.25 GPM (0,9 LPM)	2 GPM (7,6 LPM)	0.10 GPM (0,4 LPM)	2 GPM (7,6 LPM)	0.10 GPM (0,4 LPM)	2 GPM (7,6 LPM)
Maximum Flow Rate	8 GPM (30 LPM)	20 GPM (76 LPM)	8 GPM (30 LPM)	20 GPM (76 LPM)	8 GPM (30 LPM)	20 GPM (76 LPM)
Maximum Pressure	150 psi (10 Bar)	150 psi (10 Bar)	150 psi (10 Bar)	150 psi (10 Bar)	150 psi (10 Bar)	150 psi (10 Bar)
Y-Filter Degree of Filtration	150 mesh/100 Microns	150 mesh/100 Microns	150 mesh/100 Microns	150 mesh/100 Microns	150 mesh/100 Microns	150 mesh/100 Microns
Regulator-Preset Pressure	25 psi (1,7 Bar)	25 psi (1,7 Bar)	25 psi (1,7 Bar)	25 psi (1,7 Bar)	25 psi (1,7 Bar)	25 psi (1,7 Bar)
Thread Connection-Upstream	Female NPT	Female NPT	Female NPT	Female NPT	Female NPT	Female NPT
Thread Connection-Downstream	Female NPT	Female NPT	Male NPT	Female NPT	Male NPT	Female NPT
Minimum Number of Emitters:						
0.5 GPH (1,9 LPM)	30	240	12	240	12	240
1 GPH (3,8 LPM)	15	120	6	120	6	120
2 GPH (7,6 LPM)	8	60	3	60	3	60
Maximum Number of Emitters:						
0.5 GPH (1,9 LPM)	960	2400	960	2400	960	2400
1 GPH (3,8 LPM)	490	1200	490	1200	490	1200
2 GPH (7,6 LPM)	240	600	240	600	240	600

Note: Consult your local plumbing code for backflow prevention requirements.

* AVB = Atmospheric Vacuum Breaker (Anti-siphon Valve)

Toro Drip Zone Valve Kits Model List

Model	Description
• DZK-EZF-075-LF	Drip Zone Kit: 3/4" (20mm) EZ-Flo Plus Valve, AVB, Filter, Low-flow Regulator & Fittings
• DZK-EZF-075-MF	Drip Zone Kit: 3/4" (20mm) EZ-Flo Plus Valve, AVB, Filter, Medium-flow Regulator & Fittings
• DZK-EZF-1-LF	Drip Zone Kit: 1" EZ-Flo Plus, Filter, Low-flow Regulator & Fittings
• DZK-EZF-1-MF	Drip Zone Kit: 1" EZ-Flo Plus, Filter, Medium Flow Regulator & Fittings
• DZK-TPV-1-LF	Drip Zone Kit: 1" (25mm) TPV, Filter, Low-flow Regulator & Fittings
• DZK-TPV-1-MF	Drip Zone Kit: 1" (25mm) TPV, Filter, Medium-flow Regulator & Fittings
• DZK-700-1-LF	Drip Zone Kit: 1" (25mm) 700 UltraFlow Inline Valve, Filter, Low-flow Regulator & Fittings
• DZK-700-1-MF	Drip Zone Kit: 1" (25mm) 700 UltraFlow Inline Valve, Filter, Medium-flow Regulator & Fittings
• DZK-X-075-LF	Drip Zone Kit less valve with Filter, Low-flow Regulator & Fittings
• DZK-X-075-MF	Drip Zone Kit less valve with Filter, Medium-flow Regulator & Fittings

Flow vs. Friction Loss

Part Number	GPM (Flow)	0.25	5	8	15	20
DZK-EZF-075-LF	Friction Loss (psi)	3	5	5	n/a	n/a
	Min. Inlet Press. (psi)	30	32	32	34	39
DZK-EZF-075-MF	Friction Loss (psi)	3	5	5	7	13
	Min. Inlet Press. (psi)	30	32	32	34	39
DZK-TPV-1-LF	Friction Loss (psi)	2	3.5	3.7	3	3.3
	Min. Inlet Press. (psi)	30	32	32	34	39
DZK-TPV-1-MF	Friction Loss (psi)	2	3.5	3.7	3	3.3
	Min. Inlet Press. (psi)	30	32	32	32	35
DZK-700-1-LF	Friction Loss (psi)	3	3	3	n/a	n/a
	Min. Inlet Press. (psi)	30	30	30	32	34
DZK-700-1-MF	Friction Loss (psi)	3	3	3	4.5	7
	Min. Inlet Press. (psi)	30	30	30	32	34

Specifying Information—Drip Zone Valve Kits

DZK-XXXXXX-XX		
Kit	Valve Type	Flow Rate
DZK	XXXXXX	XX
DZK—Drip Zone Kit	EZF-075—3/4" (20mm) EZ-Flo Plus AVB EZF-1—1" (25mm) EZ-Flo Plus In-line TPV-1—1" (25mm) TPV 700-1—1" (25mm) In-line X-075—3/4", No Valve	LF—Low Flow MF—Medium Flow

Example: A Drip Zone Kit with a 700 Series UltraFlow, 1" (25mm) commercial valve would be specified as: DZK-700-1-LF

