

DRIP ZONE VALVE KITS ELECTRIC

3/4" AND 1" WITH OR WITHOUT AVB



Not all drip zone kits are created equal, and with Irritrol's drip zone kits, you'll know why. Featuring the industry's most recognized valves that have long been a standard for more than 40 years, these all-inclusive kits come complete with all the necessary components you need for a drip zone. Coupled with the added reliability of the industry's most popular valves, these kits include a Y-filter, pressure regulator and all the essential fittings to make a complete drip zone.

KEY FEATURES & BENEFITS

COMPLETE WITH IRRITROL CONTROL VALVE

Over 40 years of industry-recognized dependability

IRRITROL Y-FILTER WITH A 150 MESH STAINLESS STEEL FILTER SCREEN

Proven performance for worry-free operation

PRESSURE REGULATOR

Provides consistent outlet pressure levels suitable for drip irrigation

AVAILABLE IN 9 VALVE CONFIGURATIONS IN 3/4" AND 1"

Multiple configurations to handle all installation variances

ALSO AVAILABLE IN "LESS VALVE" CONFIGURATIONS

Allows for installation versatility



FRICITION LOSS DATA

MODEL	GPM (Flow)	Flow Rate - GPM				
		0.25	5	8	15	20
2711APRDK-LF	Friction Loss (psi)	3	5	5	n/a	n/a
	Min. Inlet Pressure (psi)	30	32	32	34	39
2711APRDK-MF	Friction Loss (psi)	3	5	5	7	13
	Min. Inlet Pressure (psi)	30	32	32	34	39
2713APRDK-LF	Friction Loss (psi)	3	5	5	n/a	n/a
	Min. Inlet Pressure (psi)	30	32	32	34	39
2713APRDK-MF	Friction Loss (psi)	3	5	5	5	8
	Min. Inlet Pressure (psi)	30	32	32	32	35
2500DK-1-LF	Friction Loss (psi)	3	3	3	n/a	n/a
	Min. Inlet Pressure (psi)	30	30	30	32	34
2500DK-1-MF	Friction Loss (psi)	3	3	3	4.5	7
	Min. Inlet Pressure (psi)	30	30	30	32	34
700DK-1-LF	Friction Loss (psi)	3	3	3	n/a	n/a
	Min. Inlet Pressure (psi)	30	30	30	32	34
700DK-1-MF	Friction Loss (psi)	3	3	3	4.5	7
	Min. Inlet Pressure (psi)	30	30	30	32	34
700DK-075-LF	Friction Loss (psi)	3	3	3	n/a	n/a
	Min. Inlet Pressure (psi)	30	30	30	32	34

SPECIFYING INFORMATION

XXXXXXX DK - XXX - XX

MODEL	KIT	VALVE SIZE	FLOW RATE
700 - 700 Series Valve 2500 - 2500 Series Valve 2711APR - 2711 Series Valve 2713APR - 2713 Series Valve	DK - Drip Zone Kit	1 - 1" 075 - ¾"	LF - Low Flow MF - Medium Flow

Example: A drip zone kit with a 700 Series UltraFlow, 1" commercial valve (0.1-8 gpm) = **700DK-1-LF**

DK - LV - XX

MODEL	LESS VALVE	FLOW RATE
DK - Drip Zone Kit	LV - Less Valve	LF - Low Flow MF - Medium Flow

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 V ac
- Inrush volt-amp: 24 V ac-9.6 VA
- Inrush current: .4 amp
- Holding volt-amp: 24 V ac-4.8 VA
- Holding current: .2 amp

MODELS

Model	Description
700DK-1-LF	Drip Zone Kit: 1" 700 UltraFlow Inline Valve, Filter, Low Flow Regulator & Fittings
700DK-1-MF	Drip Zone Kit: 1" 700 UltraFlow Inline Valve, Filter, Medium Flow Regulator & Fittings
700DK-075-LF	Drip Zone Kit: ¾" 700 UltraFlow Inline Valve, Filter, Low Flow Regulator & Fittings
2500DK-1-LF	Drip Zone Kit: 1" 2500 Valve, Filter, Low Flow Regulator & Fittings
2500DK-1-MF	Drip Zone Kit: 1" 2500 Valve, Filter, Medium Flow Regulator & Fittings
2711APRDK-LF	Drip Zone Kit: ¾" 2711APR Valve, AVB, Filter, Low Flow Regulator & Fittings
2711APRDK-MF	Drip Zone Kit: ¾" 2711APR Valve, AVB, Filter, Medium Flow Regulator & Fittings
2713APRDK-LF	Drip Zone Kit: 1" 2713APR Valve, AVB, Filter, Low Flow Regulator & Fittings
2713APRDK-MF	Drip Zone Kit: 1" 2713APR Valve, AVB, Filter, Medium Flow Regulator & Fittings
DK-LV-LF	Drip Zone Kit: Low Flow Regulator & Fittings
DK-LV-MF	Drip Zone Kit: Medium Flow Regulator & Fittings

OPTIONAL ACCESSORIES*

- Recycled-water solenoid kit (RW60-KIT); purple solenoid with purple warning tag
- DC latching solenoid (DCL)
Note: Maximum pressure for a valve that utilizes latching solenoid is 120 psi.
- Weatherproof gauge (SPK-100)

* Optional accessories are field-installable. Must specify separately if required.

MODEL	2711APRDK-LF	2711APRDK-MF	2713APRDK-LF	2713APRDK-MF	2500DK-1-LF	2500DK-1-MF	700DK-1-LF	700DK-1-MF	700DK-075-LF	
Connection Size	¾"	¾"	1"	1"	1"	1"	1"	1"	¾"	
Control Valve Solenoid	24V ac, Inrush: 0.4 amps, 11.5 V a, Holding 0.20 amps, 5.75 V a									
Minimum Flow Rate	0.25 GPM	2 GPM	0.25 GPM	2 GPM	0.1 GPM	2 GPM	0.1 GPM	2 GPM	0.1 GPM	
Maximum Flow Rate	8 GPM	20 GPM	8 GPM	20 GPM	8 GPM	20 GPM	8 GPM	20 GPM	8 GPM	
Maximum Pressure	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi	150 psi	
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	150 mesh/100 Microns	150 mesh/100 Microns	150 mesh/100 Microns	
Regulator-Preset Pressure	25 psi	25 psi	25 psi	25 psi	25 psi	25 psi	25 psi	25 psi	25 psi	
Thread Connection-Upstream	Female NPT	Female NPT	Female NPT	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	Male NPT	Female NPT	Male NPT	
Minimum Number of Emitters:										
0.5 GPH	30	240	30	240	12	240	12	240	12	
1 GPH	15	120	15	120	6	120	6	120	6	
2 GPH	8	60	8	60	3	60	3	60	3	
Maximum Number of Emitters:										
0.5 GPH	960	2400	960	2400	960	2400	960	2400	960	
1 GPH	490	1200	490	1200	490	1200	490	1200	490	
2 GPH	240	600	240	600	240	600	240	600	240	

Note: Consult your local plumbing code for backflow prevention requirements.
* AVB = Atmospheric Vacuum Breaker (Anti-siphon Valve)