

DRIP ZONE VALVE KITS ELECTRIC

3/4" AND 1" WITH OR WITHOUT AVB



Not all drip zone kits are created equal, and with Irritrol® 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 the 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 11 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 (psi)	30	32	32	34	39
2711APRDK-MF	Friction loss (psi)	3	5	5	7	13
	Min. Inlet (psi)	30	32	32	34	39
2713APRDK-LF	Friction loss (psi)	3	5	5	n/a	n/a
	Min. Inlet (psi)	30	32	32	34	39
2713APRDK-MF	Friction loss (psi)	3	5	5	5	8
	Min. Inlet (psi)	30	32	32	32	35
2500DK-1-LF	Friction loss (psi)	3	3	3	n/a	n/a
	Min. Inlet (psi)	30	30	30	32	34
2500DK-1-MF	Friction loss (psi)	3	3	3	4.5	7
	Min. Inlet (psi)	30	30	30	32	34
2507DK-LF	Friction loss (psi)	3	5	5	n/a	n/a
	Min. Inlet (psi)	30	32	32	34	39
2507DK-MF	Friction loss (psi)	3	5	5	7	13
	Min. Inlet (psi)	30	32	32	34	39
700DK-1-LF	Friction loss (psi)	3	3	3	n/a	n/a
	Min. Inlet (psi)	30	30	30	32	34
700DK-1-MF	Friction loss (psi)	3	3	3	4.5	7
	Min. Inlet (psi)	30	30	30	32	34
700DK-075-LF	Friction loss (psi)	3	3	3	n/a	n/a
	Min. Inlet (psi)	30	30	30	32	34

SPECIFYING INFORMATION

XXXXXXX DK - XXX - XX

MODEL	KIT	VALVE SIZE	FLOW RATE
700 - 700 Series Valve	DK - Drip Zone Kit	1 - 1"	LF - Low Flow
2500 - 2500 Series Valve		075 - 3/4"	MF - Medium Flow
2507 - 2507 Series Valve			
2711APR - 2711 Series Valve			
2713APR - 2713 Series Valve			

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	1" 700 UltraFlow Inline Valve, Filter, Low Flow Regulator & Fittings
700DK-1-MF	1" 700 UltraFlow Inline Valve, Filter, Medium Flow Regulator & Fittings
700DK-075-LF	3/4" 700 UltraFlow Inline Valve, Filter, Low Flow Regulator & Fittings
2500DK-1-LF	1" 2500 Valve, Filter, Low Flow Regulator & Fittings
2500DK-1-MF	1" 2500 Valve, Filter, Medium Flow Regulator & Fittings
2507DK-LF	3/4" 2507 Valve, Filter, Low Flow Regulator and Fittings
2507DK-MF	3/4" 2507 Valve, Filter, Medium Flow Regulator and Fittings
2711APRDK-LF	3/4" 2711APR Valve, AVB, Filter, Low Flow Regulator & Fittings
2711APRDK-MF	3/4" 2711APR Valve, AVB, Filter, Medium Flow Regulator & Fittings
2713APRDK-LF	1" 2713APR Valve, AVB, Filter, Low Flow Regulator & Fittings
2713APRDK-MF	1" 2713APR Valve, AVB, Filter, Medium Flow Regulator & Fittings
DK-LV-LF	Low Flow Regulator & Fittings
DK-LV-MF	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	2507DK-LF	2507DK-MF	700DK-1-LF	700DK-1-MF	700DK-075-LF
Connection Size	3/4"	3/4"	1"	1"	1"	1"	3/4"	3/4"	1"	1"	3/4"
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	0.25 GPM	2 GPM	0.1 GPM	2 GPM	0.25 GPM
Maximum Flow Rate	8 GPM	20 GPM	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	150 psi	150 psi
Y-Filter Degree of Filtration	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh	150 mesh
Regulator-Preset Pressure	25 psi	25 psi	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	Female NPT	Female NPT
Thread Connection-Downstream	Female NPT	Female NPT	Male NPT	Female NPT	Male NPT	Female NPT	Female NPT	Female NPT	Female NPT	Male NPT	Female NPT
Minimum Number of Emitters:											
0.5 GPH	30	240	30	240	12	240	30	240	12	240	30
1 GPH	15	120	15	120	6	120	15	120	6	120	15
2 GPH	8	60	8	60	3	60	8	60	3	60	8
Maximum Number of Emitters:											
0.5 GPH	960	2400	960	2400	960	2400	960	2400	960	2400	960
1 GPH	490	1200	490	1200	490	1200	490	1200	490	1200	490
2 GPH	240	600	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)