

# Irritrol®



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 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.

## DRIP ZONE VALVE KITS

¾" AND 1" ELECTRIC VALVE KITS  
WITH OR WITHOUT AVB

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### COMPLETE WITH IRRITROL CONTROL VALVE

Over 40 years of industry-recognized dependability

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

Proven performance for worry-free operation

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### PRESSURE REGULATOR

Provides consistent outlet pressure levels suitable for drip irrigation

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### AVAILABLE IN 11 VALVE CONFIGURATIONS IN ¾" AND 1"

Multiple configurations to handle all installation variances

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### ALSO AVAILABLE IN "LESS VALVE" CONFIGURATIONS

Allows for installation versatility

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## FRICITION LOSS DATA

Flow Rate - GPM

MODEL	GPM (Flow)	0.25	5	8	15	20
2711APRDK-LF	Friction loss (psi)	3	5	5	n/a	n/a
	Inlet (psi)	30	32	32	34	39
2711APRDK-MF	Friction loss (psi)	3	5	5	7	13
	Inlet (psi)	30	32	32	34	39
2713APRDK-LF	Friction loss (psi)	3	5	5	n/a	n/a
	Inlet (psi)	30	32	32	34	39
2713APRDK-MF	Friction loss (psi)	3	5	5	5	8
	Inlet (psi)	30	32	32	32	35
2500DK-1-LF	Friction loss (psi)	3	3	3	n/a	n/a
	Inlet (psi)	30	30	30	32	34
2500DK-1-MF	Friction loss (psi)	3	3	3	4.5	7
	Inlet (psi)	30	30	30	32	34
2507DK-LF	Friction loss (psi)	3	5	5	n/a	n/a
	Inlet (psi)	30	32	32	34	39
2507DK-MF	Friction loss (psi)	3	5	5	7	13
	Inlet (psi)	30	32	32	34	39
700DK-1-LF	Friction loss (psi)	3	3	3	n/a	n/a
	Inlet (psi)	30	30	30	32	34
700DK-1-MF	Friction loss (psi)	3	3	3	4.5	7
	Inlet (psi)	30	30	30	32	34
700DK-075-LF	Friction loss (psi)	3	3	3	n/a	n/a
	Inlet (psi)	30	30	30	32	34

## SPECIFYING INFORMATION

XXXXXXX-DK-XXX-XX

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

\* 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-Pre-set 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)

We reserve the right to improve our products and make changes in the specifications and designs without notice and without incurring obligation. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.