

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 half a century, these all-inclusive kits come complete with all the necessary components you need for a drip zone.

**Only inline kits come pre-assembled (does not apply to AVB option)*

DRIP ZONE VALVE KITS

1" ELECTRIC VALVE KITS

COMPACT PRESSURE-REGULATING FILTER OPTION

New compact pressure-regulated filter option (low-flow models only) comes fully pre-assembled with the valve*

COMPLETE WITH IRRITROL CONTROL VALVE

Over half a century of industry-recognized dependability

FILTER AND REGULATOR INCLUDED

A must-have for protecting drip systems from debris and excess pressures

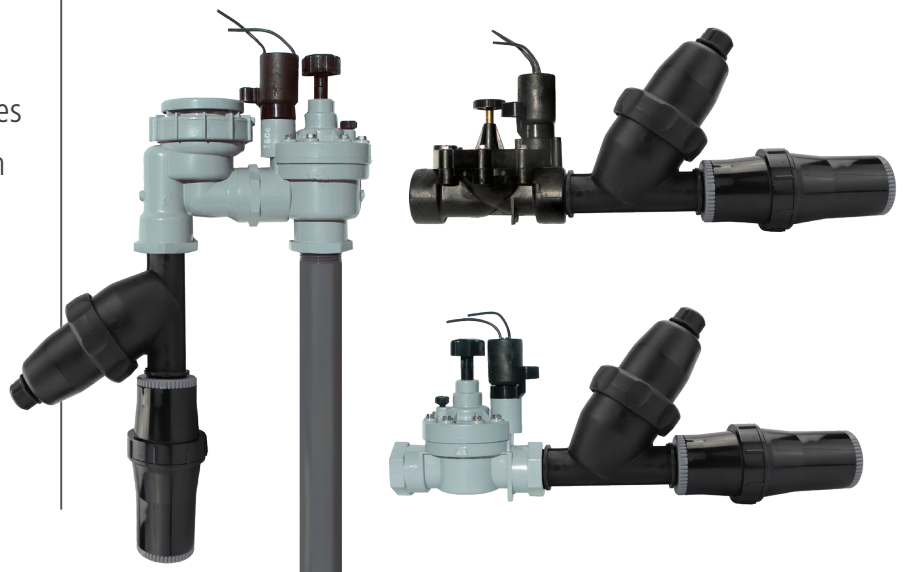
AVAILABLE IN A VARIETY OF CONFIGURATIONS

Multiple configurations to handle all installation variances

ALSO AVAILABLE IN "LESS VALVE" CONFIGURATIONS

Allows for installation versatility

Medium-flow models with separate filter and regulator



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FRICITION LOSS: MEDIUM-FLOW ('MF') MODELS

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

OUTLET PRESSURE: LOW-FLOW ('LF') MODELS

700DK-1-LF									
PSI	GPM								
	0.25	0.2	1	2	3	5	8	10	12
30	27.0	28.0	25.3	24.6	22.3	18.6	12.6		
40	32.2	37.7	35.3	33.0	31.5	27.2	17.9	14.9	
50	45.5	43.8	37.6	36.4	37.0	33.0	26.9	22.6	15.2
60	38.6	42.2	42.4	40.7	37.3	35.7	32.0	28.1	21.9
80	40.4	40.8	42.6	43.4	43.6	38.9	40.6	37.7	34.1
100	45.3	45.1	44.6	42.2	42.5	41.8	40.7	40.4	42.4
120	44.7	44.0	46.1	45.0	46.0	41.6	45.8	46.7	45.9

2400DK-1-LF									
PSI	GPM								
	0.25	0.2	1	2	3	5	8	10	12
30	27.6	26.3	25.2	25.0	23.1	20.2	12.4		
40	37.2	35.7	35.9	32.7	32.4	28.0	20.6	12.9	
50	44.9	43.6	41.6	37.1	38.5	34.5	27.6	24.0	18.2
60	42.7	44.3	41.4	38.2	39.2	36.1	32.6	28.8	24.2
80	43.4	42.5	45.3	41.9	41.3	38.6	38.3	38.0	33.8
100	46.7	42.2	44.1	42.7	45.4	42.6	40.3	42.5	40.3
120	51.0	42.7	48.0	46.6	47.7	45.0	46.8	43.3	45.4

2500DK-1-LF									
PSI	GPM								
	0.25	0.2	1	2	3	5	8	10	12
50	44.4	43.4	37.8	37.1	35.8	33.2	28.0	23.8	17.2
60	45.6	40.7	39.3	38.3	38.7	36.9	32.3	28.7	23.1
80	42.1	45.3	40.7	41.3	39.9	41.0	42.3	38.2	33.3
100	43.9	44.3	44.0	45.1	42.5	39.9	42.4	41.5	40.3
120	48.9	46.2	44.6	43.2	45.2	44.8	45.9	44.6	45.5

2713APRDK-LF									
PSI	GPM								
	0.25	0.2	1	2	3	5	8	10	12
50	44.8	43.0	41.6	39.8	38.0	35.3	28.5	24.5	18.0
60	42.3	40.9	42.1	40.6	39.8	38.6	34.2	29.7	25.1
80	43.0	46.3	40.1	42.5	42.6	41.6	39.4	39.4	36.2
100	46.4	46.4	40.9	45.5	44.0	44.5	44.2	43.5	41.9
120	47.3	46.1	44.5	46.9	47.8	47.3	44.7	44.2	45.0

■ = Not Recommended

SPECIFICATIONS

Low-Flow ('LF') Models

- Nominal outlet pressure: 45 psi
- Minimum Flow: 0.25 GPM
- Maximum Flow: 12 GPM
- Thread Size: 1" NPT
- Filtration Size: 200 Mesh

Medium-Flow ('MF') Models

- Nominal outlet pressure: 30 psi*
- Minimum Flow: 0.25 GPM*
- Maximum Flow: 25 GPM*
- Thread Size: 1" NPT
- Filtration Size: 150 Mesh

*700DK-1-MF is 40 psi, 0.1-30 GPM

MODELS

Model	Description
700DK-1-LF	1" 700 Series Valve, New Compact Low-Flow Pressure-Regulating Y-Filter
700DK-1-MF	1" 700 Series Inline Valve, Y-Filter, Medium-Flow Regulator & Fittings
2400DK-1-LF	1" 2400 Series Valve, New Compact Low-Flow Pressure-Regulating Y-Filter
2400DK-1-MF	1" 2400 Series Valve, Y-Filter, Medium-Flow Regulator & Fittings
2500DK-1-LF	1" 2500 Series Valve, New Compact Low-Flow Pressure-Regulating Y-Filter
2500DK-1-MF	1" 2500 Series Valve, Y-Filter, Medium-Flow Regulator & Fittings
2713APRDK-LF	1" 2713APR AVB Valve, New Compact Low-Flow Pressure-Regulating Y-Filter
2713APRDK-MF	1" 2713APR AVB Valve, Filter, Medium-Flow Regulator & Fittings
DK-LV-LF	New Compact Low-Flow Pressure-Regulating Y-Filter
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)

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



MODEL	KIT	VALVE SIZE	FLOW RATE
700 - 700 Series Valve	DK - Drip Zone Kit	1 - 1"	LF - Low-Flow Pressure-Regulating Filter MF - Medium-Flow Pressure Regulator with Separate Filter
2500 - 2500 Series Valve			
2400 - 2400 Series Valve			
2713APR - 2713 Series Valve			

Example: A low-flow drip zone kit with a 700 series valve would be specified as **700DK-1-LF**



MODEL	LESS VALVE	FLOW RATE
DK - Drip Zone Kit	LV - Less Valve	LF - Low-Flow Pressure-Regulating Filter MF - Medium-Flow Pressure Regulator with Separate Filter

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