



Valves

On/off devices to control the water flow in low pressure irrigation systems.

Features

- Simple quarter turn operation and straight through flow.
- Operating range up to 45 psi.
- Green Back[®] cap for standard irrigation applications.
- Purple Back[™] cap for recycled water applications.

Applications

Secondary zone water diversion and flow control.

Always install as an inline valve with tubes connected to both inlet and outlet.



Vari-Flow[™] Valve
barb x barb



Green Back[®] Valve



Purple Back[™] Valve



Ordering Information - Vari-Flow[™] Valves

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Vari-Flow [™] Valve barb x barb 0.18"	42155	50	50	14.8
Vari-Flow [™] Valve 10-32 UNF thread x 0.18" barb	42135	50	50	15.1
Vari-Flow [™] Valve thread x thread 10-32 UNF	42115	50	50	14.5

Ordering Information - Green Back[®] Valves

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Green Back [®] Valve 13mm - 1/2" (tube .520 ID)	45505	25	20	21.4
Green Back [®] Valve 14mm - 1/2" (tube .525 - .590 ID)	45575	25	20	21.4
Green Back [®] Valve 15mm - 1/2" (tube .580 - .590 ID)	45555	25	20	21.4
Green Back [®] Valve 16mm - 5/8" (tube .570 - .620 ID)	45515	25	20	23.6
Green Back [®] Valve 18mm (tube .660 - .720 ID)	45565	25	8	20.2
Green Back [®] Valve 19mm (tube .748 ID)	45525	25	8	22.3
Green Back [®] Valve 21mm - 3/4" (tube .810 - .820 ID)	45535	25	8	20.7
Green Back [®] Valve 25mm - 1" (tube 1.050 ID)	45545	20	4	15.7

Ordering Information - Purple Back[™] Valves

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Purple Back [™] Valve 13mm - 1/2" (tube .520 ID)	46505	25	20	21.4
Purple Back [™] Valve 16mm - 5/8" (tube .570 - .620 ID)	46515	25	20	23.6
Purple Back [™] Valve 21mm - 3/4" (tube .810 - .820 ID)	46535	25	8	20.7
Purple Back [™] Valve 25mm - 1" (tube 1.050 ID)	46545	25	3	14.7

Specifications - Vari-Flow[™] Valves

Dimensions Assembled	Barb		Thread	
HEIGHT	0.8"		0.8"	
LENGTH	1.6"		1.6"	
WIDTH	0.6"		0.6"	
WEIGHT (approx.)	0.1 oz		0.1 oz	
UV STABILIZED MATERIALS	BODY	acetal	BODY	acetal
	KNOB	HDPE	KNOB	HDPE
BASE/CONNECTION TYPE	barb 0.18"		10-32 UNF thread	

Specifications - Green Back[®] and Purple Back[™] Valves

Dimensions Assembled	13mm, 14mm 15mm, 16mm		18mm, 19 mm, 21mm		25mm	
HEIGHT	1.6"		2.4"		2.8"	
LENGTH	3.2"		3.9"		4.9"	
WIDTH	1.1"		1.6"		2.1"	
WEIGHT (approx.)	0.64 oz		1.7oz (18mm) / 1.8oz (21mm)		2.9 oz	
UV STABILIZED MATERIALS	BODY	acetal	BODY	acetal	BODY	acetal
	STEM	polypropylene	STEM	polypropylene	STEM	polypropylene
	COVER	acetal	COVER	acetal	COVER	acetal
BASE/CONNECTION TYPE	barb		barb		barb	



Threaded flow control valves for low pressure irrigation systems.

Features

- 1/2" MNPT and 3/4" MNPT threaded options.
- Simple on-off operation and straight through flow.
- Operating pressure range up to 45 psi.
- Green Back[®] cap for standard irrigation applications.
- Purple Back[™] cap for recycled water applications.

Applications

Individual dripline control, tank valves, drain valves or where 1/2" MNPT or 3/4" MNPT connections are required.

Ordering Information - Threaded Green Back[®] Valves 1/2" MNPT

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Green Back [®] Valve 13 mm barb x 1/2" MNPT	49005	25	15	18.2
Green Back [®] Valve 14 mm barb x 1/2" MNPT	49015	25	15	18.3
Green Back [®] Valve 15 mm barb x 1/2" MNPT	49025	25	15	18.6
Green Back [®] Valve 16 mm barb x 1/2" MNPT	49035	25	15	19.3



Threaded Green Back[®] Valve
1/2" MNPT



Threaded Purple Back[™] Valve
1/2" MNPT

Ordering Information - Threaded Purple Back[™] Valves 1/2" MNPT

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Purple Back [™] Valve 13 mm barb x 1/2" MNPT	49105	25	15	18.6
Purple Back [™] Valve 14 mm barb x 1/2" MNPT	49115	25	15	18.6
Purple Back [™] Valve 15 mm barb x 1/2" MNPT	49125	25	15	18.7
Purple Back [™] Valve 16 mm barb x 1/2" MNPT	49135	25	15	19.3

Ordering Information - Threaded Green Back[®] Valves 3/4" MNPT

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Green Back [®] Valve 18 mm barb x 3/4" MNPT	46875	25	8	23.8
Green Back [®] Valve 21 mm barb x 3/4" MNPT	46895	25	8	23.3



Threaded Green Back[®] Valve
3/4" MNPT

Ordering Information - Threaded Purple Back[™] Valves 3/4" MNPT

Type	Part Number	Pack Quantity	Packs Per Carton	Carton (lbs)
Purple Back [™] Valve 18 mm barb x 3/4" MNPT	46915	25	8	23.8
Purple Back [™] Valve 21 mm barb x 3/4" MNPT	46935	25	8	23.3



Threaded Purple Back[™] Valve
3/4" MNPT

Specifications - Threaded Valves 1/2" MNPT & 3/4" MNPT

Dimensions Assembled	1/2" MNPT		3/4" MNPT	
HEIGHT	1.6"		2.4"	
LENGTH	3.2"		4.0"	
WIDTH	1.1"		1.6"	
WEIGHT (approx.)	0.83 oz		1.9 oz	
UV STABILIZED MATERIALS	BODY	acetal	BODY	acetal
	STEM	polypropylene	STEM	polypropylene
	COVER	acetal	COVER	acetal
	SEAL	TPV Elastomer	SEAL	TPV Elastomer
BASE/CONNECTION TYPE	1/2" MNPT thread x barb		3/4" MNPT thread x barb	