

Owensboro, KY
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Russellville, KY
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Greensburg, IN
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Mt. Vernon, IL
618.847.0283



In-Line Strainers



Cam Lever Strainers

PART#	DESCRIPTION
LSQ150-XX	1 1/2" FPT (6,12,20,30,50,80,120 Mesh Available)
LSQ200-XX	2" FPT (6,12,20,30, 50,80,120 Mesh Available)

-XX indicates mesh size

Y-Strainers



Poly FPT Y-Strainers

PART#	DESCRIPTION
LS050-XX	1/2" FPT (20,40,60,80 Mesh Available)
LS075-XX	3/4" FPT (20,40,60,80 Mesh Available)
LS100-XX	1" FPT (20,40,80 Mesh Available)
LS125-XX	1 1/4" FPT (20,40,80 Mesh Available)
LS150-XX	1 1/2" FPT (6,12,20,30,50,80,100,120 Mesh Available)
LS200-XX	2" FPT (6,12,20,30,50,80,100,120 Mesh Available)
LSM300-XX	3" FPT (4,8,12,20,50 Mesh Available)

-XX indicates mesh size



Poly Manifold Y-Strainers

PART#	DESCRIPTION
MLS100-XX	1" Manifold (20,40,50,80 Mesh Available)
MLS200-XX	2" Manifold (6,12,20,30,50,80,100,120 Mesh Available)
MLS222-XX	2" Full Port Manifold (4,6,8,10,16,,30,50,80,100 Mesh Available)
MLS300-XX	3" Manifold (8,12,20,50 Mesh Available)

-XX indicates mesh size

SCREENS	
MESH SIZE	RIB COLOR
6 MESH	WHITE
12 MESH	BLACK
16 MESH	BROWN RED
20 MESH	BEIGE
30 MESH	FLAME RED
40 MESH	BROWN
50 MESH	GENTIAN BLUE
60 MESH	GENTIAN BLUE
80 MESH	ZINC YELLOW
100 MESH	TRAFFIC GREEN
120 MESH	BLACK

T-Strainers



Poly FPT T-Strainers

PART#	DESCRIPTION
LST075-XX	3/4" FPT (16,30,50,80,100 Mesh Available)
LST100-XX	1" FPT (16,30, 50,80,100 Mesh Available)
LST125-XX	1 1/4" FPT (16,30,50,80,100 Mesh Available)
LST150-XX	1 1/2" FPT (16,30,50,80,100 Mesh Available)

-XX indicates mesh size



Poly Manifold T-Strainers

PART#	DESCRIPTION
MLST100-XX	1" Manifold (16,30,50,80,100 Mesh Available)
MLST150-XX	2" Manifold (16,30,50,80,100 Mesh Available)

-XX indicates mesh size

Valves & Strainers

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Mini Strainers

Poly Mini "T" Clear Bowl Line Strainers



PART#	DESCRIPTION
LSTM050-XXC	1/2" FPT (30,50,80,100 Mesh Available)
LSTM075-XXC	3/4" FPT (30,50,80,100 Mesh Available)

-XX indicates mesh size

Poly Mini "T" Black Bowl Line Strainers



PART#	DESCRIPTION
LSTM050-XX	1/2" FPT (30,50,80,100 Mesh Available)
LSTM075-XX	3/4" FPT (30,50,80,100 Mesh Available)

-XX indicates mesh size

Hypro In-Line Strainers



CLEAR NYLON IN-LINE STRAINER

PART#	DESCRIPTION
3350-0079	1/4" I.D. FPT & 1/2" O.D. MPT Strainer
3351-0022	Replacement Cap
3351-0020	Replacement Bowl (Clear)
1700-0064	Replacement Gasket (Viton)
1700-0065	Replacement Gasket (Buna-N)
3800-0046	Replacement 50 Mesh SS Screen

BLACK POLY IN-LINE STRAINER

PART#	DESCRIPTION
3350-0079A	1/4" I.D. FPT & 1/2" O.D. MPT Strainer
3351-0035	Replacement Cap
3351-0036	Replacement Bowl (Black)
1700-0090	Replacement Gasket (EPDM)
3800-0046	Replacement 50 Mesh SS Screen

Flush-Out Line Strainer



PART#	DESCRIPTION
*AA126ML-F50	50 Series Flange Flush-Out Line Strainer
CP50493-PP	Replacement Bowl
CP48655-PP	Replacement Drain Cap
CP50494-EPR	Replacement Head Gasket
CP63150-EPR	Replacement Gasket for Drain Cap
CP16903-1-SSPP	Replacement 16 Mesh Screen
CP16903-3-SSPP	Replacement 30 Mesh Screen
CP16903-4-SSPP	Replacement 50 Mesh Screen
CP16903-5-SSPP	Replacement 80 Mesh Screen
CP16903-6-SSPP	Replacement 100 Mesh Screen
CP16903-7-SSPP	Replacement 200 Mesh Screen



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Micro Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
LV025V	1/4" FPT Micro Valve	1/4"	3/8"
LV038V	3/8" FPT Micro Valve	3/8"	3/8"
LV050V	1/2" FPT Micro Valve	1/2"	15/32"



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
LV025MTV	1/4" FPT x MPT Micro Valve	1/4"	3/8"
LV038MTV	3/8" FPT x MPT Micro Valve	3/8"	3/8"
LV038050MTV+	3/8 FPT x 1/2" MPT Micro Valve for 1/2" Drain Plug	3/8" x 1/2"	3/8"
LV050MTV	1/2" FPT x MPT Micro Valve	1/2"	15/32"
LV050100MTV	1/2" FPT x 1" MPT Micro Valve for 1" Drain Plug	1/2" x 1"	15/32"



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
LVHB025V	1/4" Hose barb Micro Valve	1/4"	3/8"
LVHB038V	3/8" Hose barb Micro Valve	3/8"	3/8"
LVHB050V	1/2" Hose barb Micro Valve	1/2"	15/32"
LVHB075V	3/4" Hose barb Micro Valve	3/4"	15/32"



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
LVHB038050MTV	3/8" Hose Barb x 1/2" MPT Micro Valve for 1/2" Drain Plug	3/8" x 1/2"	3/8"
LVHB075100MTV	3/4" Hose Barb x 1" MPT Micro Valve for 1" Drain Plug	3/4" x 1"	15/32"

Single Union Poly Ball Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
SUV050FP	1/2" Full Port Union Valve	1/2"	1/2"
SUV075FP	3/4" Full Port Union Valve	3/4"	3/4"
SUV100FP	1" Full Port Union Valve	1"	1"
SUV125FP	1 1/4" Full Port Union Valve	1 1/4"	1 1/4"
SUV150FP	1 1/2" Full Port Union Valve	1 1/2"	1 1/2"
SUV200FP	2" Full Port Union Valve	2"	2"

Pressure Relief Valves



PART#	SIZE	PSI
MPRV100-050	1"	50
MPRV100-075	1"	75
MPRV100-100	1"	100
MPRV100-125	1"	725
MPRV100-150	1"	150

Poly Nozzle Valves w/ 90° Elbow



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
VA150	1 1/2" Nozzle Valve w/ 90° Elbow	1 1/2"	1 1/2"
VA200/150	2" x 1 1/2" Nozzle Valve w/ 90° Elbow	2" x 1 1/2"	1 1/2"
VA200	2" Nozzle Valve w/ 90° Elbow	2"	1 1/2"
VA200FP	2" FP Nozzle Valve w/ 90° Elbow	2"	2 1/16"

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4 Bolt Ball Valves

PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
V050	1/2" Full Port Valve	1/2"	3/4"
V075	3/4" Full Port Valve	3/4"	3/4"
V100	1" Standard Port Valve	1"	3/4"
V100FP	1" Full Port Valve	1"	1"
V125	1 1/4" Standard Port Valve	1 1/4"	1"
V125FP	1 1/4" Full Port Valve	1 1/4"	1 1/2"
V150	1 1/2" Full Port Valve	1 1/2"	1 1/2"
V200	2" Standard Port Valve	2"	1 1/2"
V204FP	2" Full Port Valve	2"	2"
VFMT204FP	2" Full Port Valve MPT x Male Adapter	2"	2"



6 Bolt Ball Valves

PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
V200FP	2" Full Port Valve	2"	2"
VFMT200FP	2" Full Port Valve MPT x Male Adapter (Long Handle)	2"	2"
VFMT200FPHS	2" Full Port Valve MPT x Male Adapter (Short Handle)	2"	2"
V300	3" Standard Port Valve	3"	2 1/2"
V300FP	3" Full Port Valve	3"	3"
V400	4" Standard Port Valve	4"	3 1/2"

"Stubby" Ball Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
VSF200	2" Male Adapter x 2" FPT	2"	1 1/2"
VSMT200	2" MPT x 2" FPT	2"	1 1/2"
VSFMT200	2" Male Adapter x 2" MPT	2"	1 1/2"
VSFHB200	2" Male Adapter x 2" Hose Barb	2"	1 1/2"
VSMT204FP	2" MPT x 2" FPT (Full Port)	2"	2"
VSF204FP	2" Male Adapter x 2" FPT (Full Port)	2"	2"
VS204FP	2" FPT x 2" FPT (Full Port)	2"	2"
VSEMT204FP	2" Male Adapter x 2" MPT (Full Port)	2"	2"
VSMT300	3" FPT x 3" MPT	3"	2 1/2"
VSF300	3" FPT x 3" Male Adapter	3"	2 1/2"
VSEMT300FP	3" FP Male Adapter x 3" MPT	3"	3"
VSMT300	3" MPT x 3" Male Adapter	3"	2 1/2"

3-Way Poly Side Load Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE	HANDLE TYPE
V075SL	3/4" 3-Way SL Valve	3/4"	1"	Straight
V100SL	1" 3-Way SL Valve	1"	1"	Straight
VT100SL	1" 3-Way SL Valve	1"	1"	T
V125SL	1 1/4" 3-Way SL Valve	1 1/4"	1 1/2"	T
V150SL	1 1/2" 3-Way SL Valve	1 1/2"	1 1/2"	T
V200SL	2" 3-Way SL Valve	2"	2"	Straight
VT200SL	2" 3-Way SL Valve	2"	2"	T

3-Way Bottom Load Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE	HANDLE TYPE
V075BL	3/4" 3-Way BL Valve	3/4"	1"	T
V100BL	1" 3-Way BL Valve	1"	1"	T
V125BL	1 1/4" 3-Way BL Valve	1 1/4"	1 1/2"	T
V150BL	1 1/2" 3-Way BL Valve	1 1/2"	1 1/2"	T
V200BL	2" 3-Way BL Valve	2"	2"	Straight
VT200BL	2" 3-Way BL Valve	2"	2"	T

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Manifold "Stubby" Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
VSMT200CF	2" Flange x 2" MPT	2"	1 1/2"
VSF200CF	2" Flange x 2" Male Adapter	2"	1 1/2"
MVS220FP	2" FP Flange x 2" FPT	2"	2"
MVSF220FP	2" FP Flange x 2" Male Adapter	2"	2"
MVS220CF	2" FP Flange x 2" FP Flange	2"	2"
MVSMT220FP	2" FP Flange x 2" MPT	2"	2"
MVSF300	3" Flange x 3" Male Adapter	3"	2 1/2"
MVSF300FP	3" FP Flange x 3" Male Adapter	3"	3"
MVSMT300	3" Flange x 3" MPT	3"	2 1/2"
MVS300CF	3" Flange x 3" Flange	3"	2 1/2"
MVS300CFFP	3" FP Flange x 3" FP Flange	3"	3"

3-Way Manifold Side Load Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE	HANDLE TYPE
MV100SL	1" Manifold 3-Way SL Valve	1"	1"	T
MV200SL	2" Manifold 3-Way SL Valve	2"	1 1/2"	Straight
MV220SL	2" FP Manifold 3-Way SL Valve	2"	2"	Straight

*Directional flow right and left. Valve cannot be turned off.

3-Way Manifold Bottom Load Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE	HANDLE TYPE
MV100BL	1" Manifold 3-Way BL Valve (4 Bolt)	1"	1"	T
MV200BL	2" Manifold 3-Way BL Valve (4 Bolt)	2"	1 1/2"	T
MV220BL	2" FP Manifold 3-Way BL Valve (4 Bolt)	2"	2"	Straight
MV300BL	3" Manifold 3-Way BL Valve (6 Bolt)	3"	3"	Straight

*Directional flow right or left. Valve can be turned off to stop flow.

4 and 6 Bolt Manifold Valves



PART#	DESCRIPTION	PIPE SIZE	PORT SIZE
MV100CF	1" Flange Ball Valve	1"	1"
MV200CF	2" Flange Ball Valve	2"	1 1/2"
MV220CF	2" Full Port Flange Ball Valve	2"	2"
MV300	3" Standard Flange Ball Valve	3"	2 1/2"
MV300CF	3" Full Port Flange Ball Valve	3"	3"

Standard & Locking Handles



PART#	DESCRIPTION	COMPATIBLE VALVES
V25153	Standard Handle	V200FP, V300, V300FP, V400, VFMT200FP & VFMT200FSPH
V20153	Standard Handle	V125FP, V150 & V200
VS20152SH	Standard Handle (Short)	VSF200, VSMT200, VSFMT200 & VSFHB200
V10153A	Standard Handle (Short)	V050, V075, V100, V100FP & V125
VL25153*	Locking Handle	V200FP, V300, V300FP, V400, VFMT200FP & VFMT200FSPH
VL20153*	Locking Handle	V125FP, V150 & V200

* Padlock not included.

Mounting Brackets



PART#	DESCRIPTION	COMPATIBLE VALVES
V10270	Straight Mounting Bracket	V100FP & V125
V10271	90° Mounting Bracket	V100FP & V125
V25270	Straight Mounting Bracket	V150, V200, V200FP, V300, V300FP, V400, VFMT200FP & VFMT200FSPH
V25271	90° Mounting Bracket	V150, V200, V200FP, V300, V300FP, V400, VFMT200FP & VFMT200FSPH

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Plated Brass Ball Valve



PART#	SIZE	HANDLE TYPE
90FFB18	1/8" FPT x 1/8" FPT	Butterfly
90FFB14	1/4" FPT x 1/4" FPT	Butterfly
90FMB14	1/4" FPT x 1/4" MPT	Butterfly
90FFB38	3/8" FPT x 3/8" FPT	Butterfly
90FMB38	3/8" FPT x 3/8" MPT	Butterfly
90FFB12	1/2" FPT x 1/2" FPT	Butterfly
90FMB12	1/2" FPT x 1/2" MPT	Butterfly
90FFL18	1/8" FPT x 1/8" FPT	Lever
90FFL14	1/4" FPT x 1/4" FPT	Lever
90FML14	1/4" FPT x 1/4" MPT	Lever
90FFL38	3/8" FPT x 3/8" FPT	Lever
90FML38	3/8" FPT x 3/8" MPT	Lever
90FFL12	1/2" FPT x 1/2" FPT	Lever
90FML12	1/2" FPT x 1/2" MPT	Lever
90-HBF	Replacement nylon butterfly handle	
RI167	Replacement nylon lever handle	

Pressure Relief Valve

- Piston-Type Pressure Relief/Regulating Valves bypasses excess liquid
- Adjustable to maintain control of line pressure at any pressure within the valve's operating range
- Selected pressure setting firmly held in place by locknut
- Extra large valve passages to handle large flows
- 302 stainless steel spring and EPDM O-ring
- Excellent chemical resistance
- 1/4" port for pressure gauge pipe plug included



Part #
23120-3/4-PP

316 Stainless Steel Two Piece Ball Valves



PART#	DESCRIPTION	MAX PSI	PIPE SIZE	PORT SIZE
88-14	1/4" SS FP Ball Valve	1000	1/4"	1/4"
88-38	3/8" SS FP Ball Valve	1000	3/8"	3/8"
88-12	1/2" SS FP Ball Valve	1000	1/2"	1/2"
88-34	3/4" SS FP Ball Valve	1000	3/4"	3/4"
88-100	1" SS FP Ball Valve	1000	1"	1"
88-114	1 1/4" SS FP Ball Valve	1000	1 1/4"	1 1/4"
88-112	1 1/2" SS FP Ball Valve	1000	1 1/2"	1 1/2"
88-200	2" SS FP Ball Valve	1000	2"	2"
88-300	3" SS FP Ball Valve	1000	3"	3"

1" Hudson Valve

- No lever arm
- No exterior moving parts
- Resistant to freezing
- Installs in seconds
- No float ball
- High volume
- Anti-siphon
- Rust-proof



Part #
Hudson Valve

GunJet Trigger Valve

- Top quality hand valves for use with spray nozzles, extensions and handles to suit your application needs
- The "typical hand valve assembly" includes: 4727 handle, 4688 valve, 4673-8 curved extension with swivel body, TeeJet cap and a flat spray tip
- With trigger lock
- Maximum flow rate of 2 gpm and maximum operating pressure of 250 psi 1/4" NPT (F) inlet connection and a 11/16"-16 (M) outlet connection
- Use with TeeJet and ConeJet tips, adjustable ConeJets or MulteeJet tips
- Constructed of brass.



Part # **4688**



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Control Valves

TeeValve Control Valves

- For selective control of three-section boom sprayers at pressures up to 300 PSI
- Use to open any of three boom section lines in any desired combination
- Raise lever to open, lower lever to close the valve without changing the indexed position
- Aluminum construction with stainless steel and plastic internal parts for maximum corrosion resistance



PART#	PSI	CONNECTION
AA17L	300 PSI	3/4"
AA17Y	300 PSI	1"

Throttling Valves

- For regulating flow in systems equipped with centrifugal pumps where sensitive regulation is required or to control flow in jet agitator return lines. Locknut holds pressure setting firmly in place.
- Pressures to 125 PSI



PART#	Max Flow	CONNECTION
12690-1/2-NYB	56 GPM	1/2"
12690-3/4-NYB	82 GPM	3/4"

DirectoValve Manual Control Valves

- Molded of corrosion resistant materials; all wetted parts are polypropylene, stainless steel and polyethylene
- Maximum pressure of 150 PSI
- Large capacity, 12 GPM at 5 PSI pressure drop
- Molded-in mounting flange and 1/4" NPT gauge port
- Valves can be ganged together using hex nipple for multiple boom control
- Easily repaired without removing valve from spray line



AA6B

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Digital Flow Meters

Manifold Flow Meters



**1" Full Port
Flow Meter
110 GPM**

Part # **FM100**

- Displays overall total volume & batch total volume
- Flow rate allows for Gallons or Liters Per Minute
- The display reads 6 digits for Rate, 8 digits for Total and 1 decimal place reading in tenths
- Magnetic style meter with stainless steel electrodes
- Self calibrating meter
- Measures water and most conductive liquids
- Easy to change six (6) AA batteries
- No moving parts to fail during use
- Glass-reinforced polypropylene
- Temperature range from 0°F to 150°F
- Accuracy is 99% from 2 to 110 GPM for 1"
- Accuracy is 99% from 30 to 300 GPM for 2"
- There are 3 photoeyes located on the face of the flowmeter

Note: These are not push buttons, to activate you must hold your finger over the photoeye for 2-4 seconds.



**3" Full Port
Manifold Flow
Meter 670 GPM**

Part # **MFM300**



**2" Full Port
Manifold Flow
Meter 300 GPM**

Part # **MFM220**

GPI Flow Meters

PART#	DESCRIPTION	GPM
TM050	1/2" FPT Digital Flow Meter	1-10
TM075	3/4" FPT Digital Flow Meter	2-20
TM100	1" FPT Digital Flow Meter	5-50
TM150	1 1/2" Digital Flow Meter	10-100
TM200	2" FPT Digital Flow Meter	20-200
TM300	3" FPT Digital Flow Meter	40-400

*Also available in spigot fittings

