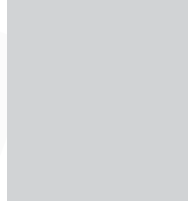


# W.L. HAMILTON

Spray Guns - Valves - Nozzles - Pressure Gauges



**WHL**

W.L. HAMILTON & CO.

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## **SELLING POLICY**

All orders are subject to acceptance by the home office at Marshall, Michigan.

## **PRODUCT CHANGES**

W.L. Hamilton reserves the right to change product specifications at any time. We are constantly evaluating our products and incorporating engineering advances to make our products perform and comply with changes in market conditions and government mandates and rule changes. W.L. Hamilton shall not be required to modify any equipment already sold or in service.



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# Telescoping Hand Wand

---



## Features:

- Adjusts from 32" to 51"
- Adjustable spray tip from full cone to straight stream
- Quick release trigger lock
- Aluminum telescoping pipe
- .015-0.2 GPM at 40 PSI
- 3/8" hose barb standard

Telescoping Hand Wand		
Part No.	UPC	Description
2100-02	7 55217 21002 4	Telescoping Hand Wand



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# Hamilton Spray Lance

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## Features:

- Glass filled nylon construction with brass shut-off valve
- Lightweight, highly impact resistant, durable frame
- Standard 1/4" Female NPT inlet with 3/8" hose barb connection
- Removable inlet strainer located in handle for easy cleaning
- 22" chrome plated barrel extension
- Fully adjustable 45 degree spray tip nozzle
- Handy trigger lock for continuous spraying
- 150 PSI maximum pressure rating

Hamilton Spray Lance		
Part No.	UPC	Description
1800-02	7 55217 18002 0	1/4" Female NPT, 150 PSI Hamilton Spray Lance

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# SUPER-JET Trigger Spray Guns



- Chemical resistant thermal plastic handle
- Shutoff at nozzle for dripless operation
- #5 orifice hardened stainless steel D-disc  
Standard - (other sizes available)
- Stainless steel and brass or aluminum wetted parts
- 1/2" FNPT inlet connection
- 1" Diameter brass or aluminum barrel

SUPER-JET Trigger Spray Guns				
Part No.	UPC	Description	GPM	PSI
1700-01-013	7 55217 17413 5	13" SUPER-JET Trigger Spray Gun with <b>brass</b> barrel	10	900
1700-01-022	7 55217 17422 7	22" SUPER-JET Trigger Spray Gun with <b>brass</b> barrel	10	900
1700-02-013	7 55217 17213 1	13" SUPER-JET Trigger Spray Gun with <b>aluminum</b> barrel	8	800
1700-02-022	7 55217 17222 3	22" SUPER-JET Trigger Spray Gun with <b>aluminum</b> barrel	8	800
* All models are available with coated aluminum handles at an additional charge. Add a "MH" to the end of the part number to denote coated aluminum handle. Example: 1700-01-000MH				

SUPER-JET Trigger Spray Guns - OPTION		
Part No.	UPC	Description
1700-009-01	7 55217 17400 5	Brass hose barb connector (includes both 3/8" & 1/2" hose barb connections with 1/2" MNPT)

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# Brass Spray Guns



Part No.	UPC	Description	Disc Size	Inlet
<b>1 000 -01</b>	<b>7 55217 10001 1</b>	<b>22" Senior Gun with plastic control handle</b>	<b>#5 Steel</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 005 -01</b>	<b>7 55217 10051 6</b>	<b>23" Senior Gun with plastic control handle</b>	<b>#5 SS</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 100 -01</b>	<b>7 55217 11001 0</b>	<b>21" Trigger Gun with plastic control handle and trigger lock</b>	<b>#5 Steel</b>	<b>3/4" FGHT</b>

- Heavy duty brass spray guns effectively spray weeds, cattle, trees, farm equipment, orchards, fence rows and can be used for various industrial applications
- 900 PSI maximum pressure rating
- All orifice discs are made from hardened steel or stainless steel for long life
- Available with various handle and tip options



Part No.	UPC	Description	Disc Size	Inlet
<b>1 107 -01</b>	<b>7 55217 11071 3</b>	<b>22" Trigger Gun with plastic control handle and trigger lock</b>	<b>#5 SS</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 200 -01</b>	<b>7 55217 12001 9</b>	<b>23" Excell Gun</b>	<b>#5 Steel</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>8 500 -01</b>	<b>7 55217 58001 1</b>	<b>18" Junior Gun with plastic control handle</b>	<b>#4 Steel</b>	<b>3/4" FGHT</b>

# Hamilton Power-Jet

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The **Hamilton Power-Jet** is a durable, dependable spray gun used for high pressure washing, cleaning, and agricultural applications. The body and trigger are molded using a tough glass filled nylon material designed to withstand high impact and rough usage. The forward inlet design allows the handle to remain cool while spraying hot liquids up to 210° Fahrenheit.

## Features:

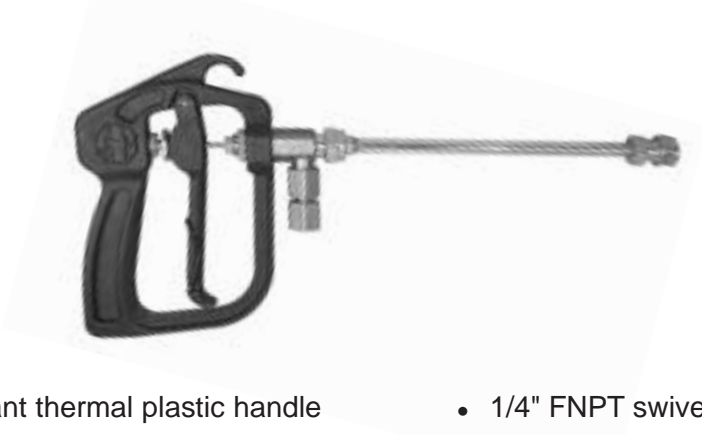
- Available with 10" or 18" chrome plated extension barrel
- 3/8" Female NPT brass inlet and shut-off valve assembly
- Fully adjustable brass spray tip nozzle
- Convenient trigger safety lock
- 2,750 PSI maximum pressure rating

Hamilton Power-Jet			
Part No.	UPC	Description	Extension Barrel Length
1900-01-010	7 55217 19408 9	3/8" Female NPT, 2,750 PSI Hamilton Power-Jet	10"
1900-01-018	7 55217 19418 8	3/8" Female NPT, 2,750 PSI Hamilton Power-Jet	18"
Accessory			
1900-100	7 55217 19001 2	3/8" x 3/8" Brass Swivel 3,000 PSI	

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## AGRI-JET Trigger Spray Guns (Spot Spray Gun)

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- Chemical resistant thermal plastic handle
- Brass and stainless steel wetted parts
- Shutoff at nozzle for dripless operation
- #5 orifice hardened stainless steel D-disc  
Standard - (other sizes available)
- 1/4" FNPT swivel inlet connection
- 250 PSI maximum pressure
- 5 gallons per minute

<b>AGRI-JET Trigger Spray Guns</b>		
Part No.	UPC	Description
<b>1600-01-000</b>	<b>7 55217 16200 2</b>	<b>AGRI-JET Brass Trigger Spray Gun without extension</b>
<b>1600-01-008</b>	<b>7 55217 16408 2</b>	<b>AGRI-JET Brass Trigger Spray gun with 8" brass extension</b>
<b>1600-01-018</b>	<b>7 55217 16418 1</b>	<b>AGRI-JET Brass Trigger Spray Gun with 18" brass extension</b>
<b>1600-01-024</b>	<b>7 55217 16424 2</b>	<b>AGRI-JET Brass Trigger Spray Gun with 24" brass extension</b>
<p>* All models are available with coated aluminum handles at an additional charge. Add a "MH" to the end of the part number to denote coated aluminum handle. Example: 1600-01-000MH</p>		

<b>AGRI-JET Trigger Spray Guns - OPTION</b>		
Part No.	UPC	Description
<b>1600-100</b>	<b>7 55217 16001 5</b>	<b>Adjustable Spray Tip Nozzle (nylon construction)</b>

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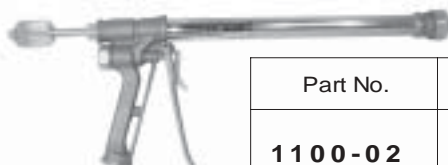
# Aluminum Spray Guns



Part No.	UPC	Description	Disc Size	Inlet
<b>1 0 0 3 - 0 2</b>	<b>7 5 5 2 1 7 1 0 0 3 2 5</b>	<b>22" Senior Gun with plastic control handle</b>	<b>#5 Steel</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 0 0 5 - 0 2</b>	<b>7 5 5 2 1 7 1 0 0 5 2 3</b>	<b>23" Senior Gun with plastic control handle</b>	<b>#5 SS</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 1 0 0 - 0 2</b>	<b>7 5 5 2 1 7 1 1 0 0 2 7</b>	<b>21" Trigger Gun with plastic control handle and trigger lock</b>	<b>#5 Steel</b>	<b>3/4" FGHT</b>

- Lightweight aluminum spray guns effectively spray weeds, cattle, trees, farm equipment, orchards, fence rows and can be used for various industrial applications
- 400 PSI maximum pressure rating
- All orifice discs are made from hardened steel or stainless steel for long life
- Available with various handle and tip options



Part No.	UPC	Description	Disc Size	Inlet
<b>1 1 0 7 - 0 2</b>	<b>7 5 5 2 1 7 1 1 0 7 2 0</b>	<b>22" Trigger Gun with plastic control handle and trigger lock</b>	<b>#5 SS</b>	<b>3/4" FGHT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 3 0 0 - 0 2</b>	<b>7 5 5 2 1 7 1 3 0 0 2 5</b>	<b>10" Pistol Gun</b>	<b>#4 Steel</b>	<b>1/4" FNPT</b>



Part No.	UPC	Description	Disc Size	Inlet
<b>1 5 0 0 - 0 2</b>	<b>7 5 5 2 1 7 1 5 0 0 2 3</b>	<b>18" Junior Gun with plastic control handle</b>	<b>#4 Steel</b>	<b>3/4" FGHT</b>



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## Spray Gun Repair Kits

Part No.	UPC	Description	Included in Kit
1000-00-500	7 55217 10000 4	Repair kit for 1000-01 and 1003-02 Brass and Aluminum 22" Senior Spray Guns	1 - 1000-004-05-05 (#5 Disc) 1 - 1000-004-05-07 (#7 Disc) 2 - 1000-054-11 (Shut off gasket) 2 - 1000-051-07 (Packing Ring) 2 - 1000-055-49 (Hose gasket)
1005-00-500	7 55217 10050 9	Repair kit for 1005-01 and 1005-02 Brass and Aluminum 21" Spray Guns	1 - 1005-004-32-05 (D-5 Disc) 1 - 1005-004-32-07 (D-7 Disc) 2 - 1005-054-11 (Shut off gasket) 1 - 1005-056-11 (Shut off valve) 2 - 1000-051-07 (Packing Ring) 2 - 1000-055-49 (Hose gasket)
1100-00-500	7 55217 11000 3	Repair kit for 1100-01 and 1100-02 Brass and Aluminum 21" Trigger Spray Guns	1 - 1000-004-05-05 (#5 Disc) 1 - 1000-004-05-07 (#7 Disc) 2 - 1000-054-11 (Shut off gasket) 2 - 1000-051-07 (Packing Ring) 2 - 1000-055-49 (Hose gasket) 2 - 1100-053-09 (O'Ring) 1 - 1100-058-11 (Shut off Valve) 2 - 6702-059-09 (Body gasket)
1107-00-500	7 55217 11070 6	Repair kit for 1107-01 and 1107-02 Brass and Aluminum 22" Trigger Spray Guns	1 - 1005-004-32-05 (D-5 Disc) 1 - 1005-004-32-07 (D-7 Disc) 2 - 1005-054-11 (Shut off gasket) 1 - 1005-056-11 (Shut off valve) 2 - 1000-051-07 (Packing Ring) 2 - 1000-055-49 (Hose gasket) 2 - 1100-053-09 (O'ring) 1 - 1100-058-11 (Shut off gasket) 2 - 6702-059-09 (Body gasket)
1200-00-500	7 55217 12000 2	Repair kit for 1200-01 Brass 23" Excell Spray Gun	1 - 1200-007-05-04 (#4 Disc) 1 - 1200-007-05-05 (#5 Disc) 1 - 1005-056-11 (Shut off valve) 2 - 1300-053-11 (Shut off gasket) 2 - 1000-051-07 (Packing Ring) 2 - 1000-055-49 (Hose gasket) 2 - 1100-053-09 (O'ring) 2 - 6702-059-09 (Body gasket)


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## Spray Gun Repair Kits

Part No.	UPC	Description	Included in Kit
1500-00-500	7 55217 15000 9	Repair kit for 1500-01 and 1500-02 Brass and Aluminum 18" Junior Spray Guns	1 - 1005-004-32-05 (D-5 Disc) 1 - 1005-004-32-07 (D-7 Disc) 2 - 1005-054-11 (Shut off gasket) 1 - 1500-056-11 (Shut off valve) 2 - 1500-052-07 (Packing ring)
1600-00-500	7 55217 16000 8	Repair kit for 1600 Series AGRI-JET Trigger Spray Guns	1 - 1005-004-32-05 (D-5 Disc) 1 - 1005-004-32-07 (D-7 Disc) 2 - 1005-054-11 (Shut off gasket) 1 - 1600-050-09 (Packing Seal) 2 - 6120-052-09 (O'Ring - swivel) 1 - 1600-015-01 (Shut off gasket assy) 1 - 1600-052-33 (Teflon O'ring assy)
1700-00-500	7 55217 17000 7	Repair kit for 1700 Series SUPER-JET Trigger Spray Guns	1 - 1005-004-32-05 (D-5 Disc) 1 - 1005-004-32-07 (D-7 Disc) 2 - 1005-054-11 (Shut off gasket) 1 - 2040-052-06 (Flat Valve) 1 - 1600-050-09 (Packing Seal)

# Nozzle Fittings



Nozzle Body Filters		
Part No.	UPC	Description
1024-08-005	7 55217 10248 0	50 Mesh Screen No Ball
1024-08-010	7 55217 10240 4	100 Mesh Screen No Ball
Threaded Nylon Nozzle Fittings		
Part No.	UPC	Description
1182-35	7 55217 11825 2	11/16 FPS Nozzle Nut - Fits all nozzle fittings with 11/16 male straight thread
Brass Nozzle Bodies		
Part No.	UPC	Description
1027-001-01	7 55217 10271 8	1/8" MNPT x 11/16-16 Nozzle Thread, Male
1026-001-01	7 55217 10261 9	1/4" MNPT x 11/16-16 Nozzle Thread, Female
1028-001-01	7 55217 10281 7	1/4" FNPT x 11/16-16 Nozzle Thread, Female
Brass Nozzle Body Cap		
Part No.	UPC	Description
1026-01	7 55217 10260 2	11/16-16 Nozzle Body Cap
1026-016	7 55217 10266 4	11/16-16 Nozzle Body Cap, Deep
Brass Nozzle Body Swivel - Single Nozzle		
Part No.	UPC	Description
1022-01-002	7 55217 10222 0	1/4" FNPT x 11/16-16 Nozzle Thread
1022-01-003	7 55217 10223 7	1/4" MNPT x 11/16-16 Nozzle Thread
Brass Nozzle Body Swivel - Double Nozzle		
Part No.	UPC	Description
1023-01-002	7 55217 10232 9	1/4" FNPT x 11/16-16 Nozzle Thread (2)
1023-01-003	7 55217 10233 6	1/4" MNPT x 11/16-16 Nozzle Thread (2)
Brass Adjustable Nozzle		
Part No.	UPC	Description
1600-300	7 55217 16003 9	Adjustable Nozzle, 11/16-16 Nozzle Thread - #8 Orifice
1600-200	7 55217 16002 2	Adjustable Nozzle, 11/16-16 Nozzle Thread - #18 Orifice
1900-030-01	7 55217 19003 6	Adjustable Nozzle, 1/4 NPT # 18 Orifice
Nozzle Cap - 11/16-16 Nozzle Thread x FNPT		
Part No.	UPC	Description
1031-01	7 55217 10311 1	1/4" FNPT x 11/16-16 Nozzle Thread Cap




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# Garden Hose Accessories



4010-08



4011-08

## Garden Hose Shut-Off Valves

Part No.	UPC	Description	Inlet	Outlet
<b>4 0 1 0 - 0 8</b>	<b>7 55217 40108 8</b>	<b>Shut-Off Valve</b>	<b>3/4" FGHT</b>	<b>3/4" MGHT</b>
<b>4 0 1 1 - 0 8</b>	<b>7 55217 40118 7</b>	<b>Shut-Off Valve, 2 Outlets</b>	<b>3/4" FGHT</b>	<b>3/4" MGHT</b>



4032-08



4020-08



4050-10

## Tank Lids, Bulkhead Fittings

Part No.	UPC	Description
<b>4 0 2 0 - 0 8</b>	<b>7 55217 40208 5</b>	<b>Tank Lid 6" Female with Check Air Breather</b>
<b>4 0 3 0 - 0 8</b>	<b>7 55217 40308 2</b>	<b>Bulkhead Fitting 3/4" Poly</b>
<b>4 0 3 1 - 0 8</b>	<b>7 55217 40318 1</b>	<b>Bulkhead Fitting 1" Poly</b>
<b>4 0 3 2 - 0 8</b>	<b>7 55217 40328 0</b>	<b>Bulkhead Fitting 1-1/2" Poly</b>
<b>4 0 5 0 - 1 0</b>	<b>7 55217 40500 0</b>	<b>2" Tie Down Bracket</b>

## Hose Reel

Part No.	UPC	Description
<b>4 0 6 0 - 1 0</b>	<b>7 55217 40600 7</b>	<b>400' Capacity Powder Coated Steel Frame Hose Reel Swivel Included</b>


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# Boomless Flat Spray Nozzles



## OPERATING DATA FOR 180° NOZZLES

	PSI	GPM	SWATH	GALLONS PER ACRE SPEED (MPH)				
				3 MPH	4 MPH	5 MPH	8 MPH	10 MPH
<b>1/4" #2</b> 6560-01 FNPT 6570-01 MNPT	30	.85	22'	3.2	2.4	1.9	1.2	.95
	40	1.0	23'	3.6	2.7	2.15	1.35	1.1
	50	1.1	24'	3.8	2.85	2.25	1.45	1.15
	60	1.2	25'	3.95	2.95	2.4	1.5	1.2
<b>1/4" #5</b> 6561-01 FNPT 6571-01 MNPT	30	1.7	44'	6.4	4.8	3.8	2.4	1.9
	40	2.0	46'	7.2	5.4	4.3	2.7	2.2
	50	2.2	48'	7.6	5.7	4.5	2.9	2.3
	60	2.4	50'	7.9	5.9	4.8	3.0	2.4
<b>1/4" #10</b> 6562-01 FNPT 6572-01 MNPT	30	3.7	50'	12.0	9.2	7.3	4.6	3.7
	40	4.2	50'	13.9	10.4	8.3	5.2	4.2
	50	4.6	52'	14.6	10.9	8.8	5.5	4.4
	60	5.0	52'	15.8	11.9	9.5	5.9	4.8
<b>1/4" #20</b> 6563-01 FNPT 6573-01 MNPT	30	5.1	54'	15.6	11.6	9.3	5.8	4.7
	40	5.9	54'	18.0	13.5	10.8	6.8	5.4
	50	6.7	56'	19.7	14.8	11.8	7.4	5.9
	60	7.1	58'	20.2	15.1	12.1	7.6	6.1

NOTE: 90° nozzles have the same GPA but 1/2 GPM and swath

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# Boomless Flat Spray Nozzles

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## Features:

- 1/4" Inlet Brass Boomless Nozzles
- Available in FNPT or MNPT connections
- Excellent for ATV units

<b>1/4" Boomless Flat Spray Nozzles</b>		
Part No.	UPC	Description
<b>6 5 6 0 - 0 1</b>	<b>7 55217 65601 3</b>	<b>1/4" FNPT w/ #2 Orifice</b>
<b>6 5 7 0 - 0 1</b>	<b>7 55217 65701 0</b>	<b>1/4" MNPT w/ #2 Orifice</b>
<b>6 5 6 1 - 0 1</b>	<b>7 55217 65611 2</b>	<b>1/4" FNPT w/ #5 Orifice</b>
<b>6 5 7 1 - 0 1</b>	<b>7 55217 65711 9</b>	<b>1/4" MNPT w/ #5 Orifice</b>
<b>6 5 6 2 - 0 1</b>	<b>7 55217 65621 1</b>	<b>1/4" FNPT w/ #10 Orifice</b>
<b>6 5 7 2 - 0 1</b>	<b>7 55217 65721 8</b>	<b>1/4" MNPT w/ #10 Orifice</b>
<b>6 5 6 3 - 0 1</b>	<b>7 55217 65631 0</b>	<b>1/4" FNPT w/ #20 Orifice</b>
<b>6 5 7 3 - 0 1</b>	<b>7 55217 65731 7</b>	<b>1/4" MNPT w/ #20 Orifice</b>



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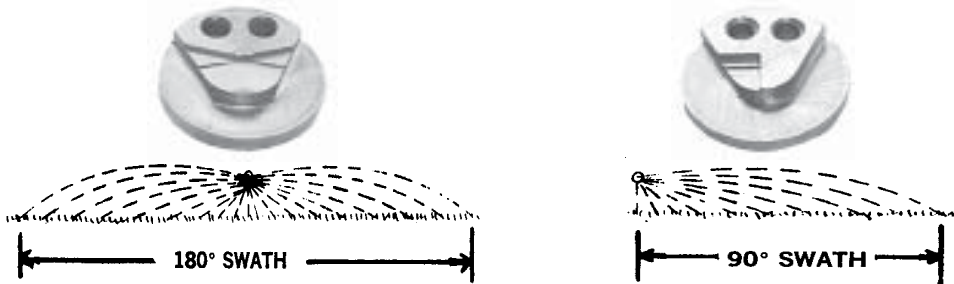
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# Boomless Flat Spray Nozzles

- Easy installation
- Full spray (180°) and half spray (90°) caps included with each nozzle
- Rugged corrosion resistant all brass construction



AGR-JET Boomless Nozzles			
Part No.	UPC	Orifice No.	Pipe Inlet
6 5 3 0 - 0 1	7 5 5 2 1 7 6 5 3 0 1 2	# 5	3/8" FNPT
6 5 4 0 - 0 1	7 5 5 2 1 7 6 5 4 0 1 9		1/2" FNPT
6 5 3 1 - 0 1	7 5 5 2 1 7 6 5 3 1 1 1	#10	3/8" FNPT
6 5 4 1 - 0 1	7 5 5 2 1 7 6 5 4 1 1 8		1/2" FNPT
6 5 4 2 - 0 1	7 5 5 2 1 7 6 5 4 2 1 7	# 2 0	1/2" FNPT
6 5 5 0 - 0 1	7 5 5 2 1 7 6 5 5 0 1 6		3/4" FNPT



OPERATING DATA FOR 180° NOZZLES								
Orifice No.	PSI	GPM 180°	SWATH 180°	GALLONS PER ACRE				
				3 MPH	4 MPH	5 MPH	8 MPH	10 MPH
# 5	30	1.7	44'	6.4	4.8	3.8	2.4	1.9
	40	2.0	46'	7.2	5.4	4.3	2.7	2.2
	50	2.2	48'	7.6	5.7	4.5	2.9	2.3
	60	2.4	50'	7.9	5.9	4.8	3.0	2.4
# 1 0	30	3.7	50'	12.2	9.2	7.3	4.6	3.7
	40	4.2	50'	13.9	10.4	8.3	5.2	4.2
	50	4.6	52'	14.6	10.9	8.8	5.5	4.4
	60	5.0	52'	15.8	11.9	9.5	5.9	4.8
# 2 0	30	5.1	54'	15.6	11.6	9.3	5.8	4.7
	40	5.9	54'	18.0	13.5	10.8	6.8	5.4
	50	6.7	56'	19.7	14.8	11.8	7.4	5.9
	60	7.1	58'	20.2	15.1	12.1	7.6	6.1

NOTE: 90° nozzles have the same GPA but 1/2 GPM and swath

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# Multiple Outlet Pressure Control Valves

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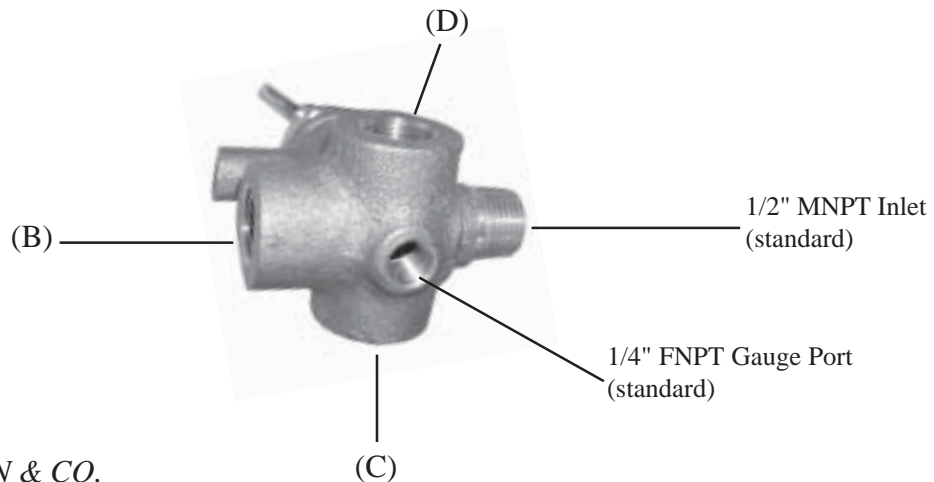
- Compact, economical valve for all spray accessory kits or low to medium volume 1-3 section spray booms
- Valves operate in any position with low pressure drop
- Spring controlled pressure range from 0-600 PSI
- T-handle permits quick adjustments to higher or lower pressures
- All valves have standard 1/2" MNPT inlet and 1/4" FNPT gauge port (Gauge Sold Separately)
- Choice of 1, 2, or 3 outlets ported 1/4", 3/8", 1/2" or 3/4" FNPT. Please specify outlets when ordering.

### Ordering Information:

Specify part number, description then designate pipe size for each outlet

Example: 2142-02, DX w/3, 3/4" at B, 1/2" at C, 3/4" at D

<b>Multiple Outlet Pressure Control (DX) Valves</b>			
Part No.	UPC	Material	Description
<b>2 1 4 0 - 0 1</b>	<b>7 55217 21401 5</b>	<b>Brass</b>	<b>DX with 1 Outlet</b>
<b>2 1 4 0 - 0 2</b>	<b>7 55217 21402 2</b>	<b>Aluminum</b>	<b>DX with 1 Outlet</b>
<b>2 1 4 1 - 0 1</b>	<b>7 55217 21401 5</b>	<b>Brass</b>	<b>DX with 2 Outlets</b>
<b>2 1 4 1 - 0 2</b>	<b>7 55217 21412 1</b>	<b>Aluminum</b>	<b>DX with 2 Outlets</b>
<b>2 1 4 2 - 0 1</b>	<b>7 55217 21421 3</b>	<b>Brass</b>	<b>DX with 3 Outlets</b>
<b>2 1 4 2 - 0 2</b>	<b>7 55217 21422 0</b>	<b>Aluminum</b>	<b>DX with 3 Outlets</b>



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# Safety Relief Valves



- Bodies have guide vanes in castings, providing maximum fluid clearance for fast, maximum relief and positive, leak proof closure at specified pressures.

Safety Relief Valves				
Part No.	Description	Pressure Range	Inlet	Outlet
2240-01	1/2" A Brass Safety Relief Valve	to 150 PSI	1/2" MPT	1/2" FPT
2240-01LF	1/2" A Brass Safety Relief Valve , Lead Free	to 150 PSI	1/2" MPT	1/2" FPT
	For pressures to 150 PSI for pump systems. Factory preset at 75 PSI unless otherwise specified			
2250-01	3/4" A Brass Safety Relief Valve	to 100 PSI	3/4" MPT	3/4" FPT
2250-01LF	3/4" A Brass Safety Relief Valve , Lead Free	to 100 PSI	3/4" MPT	3/4" FPT
	For pressures to 100 PSI. Ideal for high head, multi-stage pump system or high pressure wash systems. Factory preset at 75 PSI, unless otherwise specified			
2260-01	1" x 3/4" A Brass Safety Relief Valve	to 200 PSI	1" MPT	3/4" FPT
2260-01LF	1" x 3/4" A Brass Safety Relief Valve, Lead Free	to 200 PSI	1" MPT	3/4" FPT
	For Pressures to 200 PSI on pump systems with 1" and over discharge pipe. Factory preset at 75 PSI unless otherwise specified			
2270-01LF	1-1/4" x 1-1/4" A Brass Safety Relief Valve, Lead Free	to 200 PSI	1-1/4" MPT	1-1/4" FPT
	Factory Preset at 75 PSI			
7140-3	1/2" A Stainless Steel POP Relief Valve	to 30 PSI	1/2" MPT	6 crossholes
	For pressures to 50 PSI . Factory preset at 30PSI. For corrosion resistance on liquid fertilizer applicators, with compressor pumps.			

\*\*All adjusting screws are concealed with acorn nuts to prevent tampering. With pump or compressor running, remove acorn seal nut, loosen spring tension until pressure gauge is below desired setting, then retighten adjusting screw to new setting. Gauge needle will drop abruptly at relief setting. Replace acorn nut and recheck relieving pressure. Any system must be capable of producing a higher pressure than desired for an accurate setting. Arbitrarily tightening the adjusting screw without a relief drop on the gauge is not recommended.\*\*

# Pressure Gauges

- High quality dry or liquid filled pressure gauges
- Accuracy: ASME/ANSI B40.1 Grade B (3-2-3%)

Dry, Brass Bottom Mount, Gauges			
Part No.	UPC	Description	PSI
3002-060-08	7 55217 32068 6	2" ABS Case 1/4" MNPT Single Scale	0-60
3002-100-08	7 55217 32108 9	2" ABS Case 1/4" MNPT Single Scale	0-100
3002-100-55	7 55217 32155 3	2" Black Stl Case 1/4" MNPT Single Scale	0-100
3002-200-08	7 55217 32208 6	2" ABS Case 1/4" MNPT Single Scale	0-200
3002-200-55 DS	7 55217 32255 0	2" Black Stl Case 1/4" MNPT Dual Scale	0-200
3015-200-08-18	7 55217 31508 8	1.5" ABS Case 1/8" MNPT Single Scale	0-200
3025-060-08	7 55217 35068 3	2.5" ABS Case 1/4" MNPT Single Scale	0-60
3025-100-08	7 55217 35108 6	2.5" ABS Case 1/4" MNPT Single Scale	0-100
3025-200-08	7 55217 35208 3	2.5" ABS Case 1/4" MNPT Single Scale	0-200
3025-400-08	7 55217 35408 7	2.5" ABS Case 1/4" MNPT Single Scale	0-400
3025-600-08	7 55217 35600 5	2.5" Black Stl Case 1/4" MNPT Single Scale	0-600
3040-100-08	7 55217 30108 1	4" Black Stl Case 1/4" MNPT Single Scale	0-100

Dry, Back Mount, Single Scale Gauges			
Part No.	UPC No.	Description	PSI
3015-200-08-18 BK	7 55217 31518 7	1.5" ABS Case 1/8" MNPT Back Mount	0-200
3002-200-08-18 BK	7 55217 32218 5	2" ABS Case, 1/8" MNPT Back Mount	0-200
3002-200-08-14 BK	7 55217 32214 7	2" ABS Case, 1/4" MNPT Back Mount	0-200

Glycerin Filled, Brass Bottom Mount, Gauges			
Part No.	UPC No.	Description	PSI
3025-060-03	7 55217 35063 3	2.5" 304 SS Case 1/4" MNPT Single Scale	0-60
3025-100-03	7 55217 35103 1	2.5" 304 SS Case 1/4" MNPT Single Scale	0-100
3025-200-03	7 55217 35203 8	2.5" 304 SS Case 1/4" MNPT Single Scale	0-200
3025-400-03	7 55217 35403 2	2.5" 304 SS Case 1/4" MNPT Single Scale	0-400
3025-600-03	7 55217 35603 6	2.5" 304 SS Case 1/4" MNPT Single Scale	0-600
3025-4000-03	7 55217 30254 5	2.5" 304 SS Case 1/4" MNPT Single Scale	0-4000
3040-100-03	7 55217 30103 6	4" 304 SS Case 1/4" MNPT Single Scale	0-100
3040-150-03	7 55217 30153 1	4" 304 SS Case 1/4" MNPT Dual Scale	30"-0-150
3040-300-03	7 55217 30303 0	4" 304 SS Case 1/4" MNPT Single Scale	0-300

All Stnls Stl Glycerin Filled, 1/4" MNPT Bottom Mount, Single Scale Gauges			
Part No.	UPC No.	Description	PSI
3025-100-47	7 55217 35107 9	2.5" 304 SS Case with 316 SS Connection	0-100
3040-100-47	7 55217 30147 0	4" 304 SS Case with 316 SS Connection	0-100



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# Aluminum and Nylon By-Pass Pressure Relief Valves

- Floating stainless steel ball or Nitrile/Buna washer allows for automatic adjustment to pressure variations
- Spring controlled relief pressure ranges up to 600 PSI
- T-Handle permits quick adjustments to higher or lower pressures



## Aluminum By-Pass Pressure Relief Valves

Part No.	UPC	Description	PSI	Inlet	Outlet
2040-02	7 55217 20402 3	Pressure Relief with rubber seat	0-150	1/2" MNPT	1/2" FNPT
2042-02	7 55217 20422 1	By-Pass Relief with stainless steel ball	0-300	1/2" MNPT	1/2" FNPT
2041-02	7 55217 20412 2	By-Pass Relief with stainless steel ball	300-600	1/2" MNPT	1/2" FNPT
2050-02	7 55217 20502 0	Pressure Relief with rubber seat	0-200	3/4" MNPT	3/4" FNPT
2051-02	7 55217 20512 9	Pressure Relief with rubber seat	200-500	3/4" MNPT	3/4" FNPT
2053-02	7 55217 20532 7	By-Pass Relief with stainless steel ball	0-300	3/4" MNPT	3/4" FNPT
2054-02	7 55217 20542 6	By-Pass Relief with stainless steel ball	300-600	3/4" MNPT	3/4" FNPT



- Spring controlled relief pressure ranges up to 400 PSI
- T-Handle permits quick adjustments to higher or lower pressures

## Nylon Pressure Relief Valves

Part No.	UPC	Description	PSI	Inlet	Outlet
2064-00-58	7 55217 64060 9	Pressure Relief with stainless steel spring	0-60	1/2" MNPT	3/4" FNPT
2064-01-58	7 55217 64150 7	Pressure Relief with stainless steel spring	0-150	1/2" MNPT	3/4" FNPT
2064-05-58	7 55217 64250 4	Pressure Relief with stainless steel spring	0-250	1/2" MNPT	3/4" FNPT
2064-06-58	7 55217 64400 3	Pressure Relief with stainless steel spring	0-400	1/2" MNPT	3/4" FNPT
2066-00-58	7 55217 66060 7	Pressure Relief with stainless steel spring	0-60	3/4" MNPT	3/4" FNPT
2066-01-58	7 55217 66150 5	Pressure Relief with stainless steel spring	0-150	3/4" MNPT	3/4" FNPT
2066-05-58	7 55217 66250 2	Pressure Relief with stainless steel spring	0-250	3/4" MNPT	3/4" FNPT
2066-06-58	7 55217 66400 1	Pressure Relief with stainless steel spring	0-400	3/4" MNPT	3/4" FNPT



# Brass By-Pass and Pressure Relief Valves

- Floating stainless steel ball or Nitrile/Buna washer allows for automatic adjustment to pressure variations
- Spring controlled relief pressure ranges up to 600 PSI
- T-Handle permits quick adjustments to higher or lower pressures



**Brass By-Pass and Pressure Relief Valves**

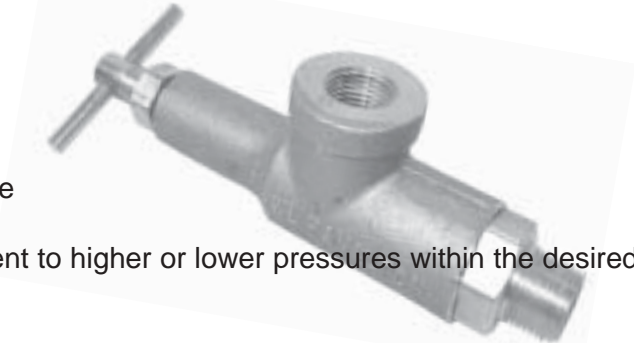
Part No.	UPC	Description	PSI	Inlet	Outlet
2055-01	7 55217 20551 8	By-Pass Relief Valve with stainless steel ball	0-50	1/4" MNPT	1/4" FNPT
2056-01	7 55217 20561 7	By-Pass Relief Valve with stainless steel ball	0-150	1/4" MNPT	1/4" FNPT
2058-01	7 55217 20581 5	By-Pass Relief Valve with stainless steel ball	0-300	1/4" MNPT	1/4" FNPT
2155-01	7 55217 21551 7	By-Pass Relief Valve with stainless steel ball	0-50	3/8" MNPT	3/8" FNPT
2156-01	7 55217 21561 6	By-Pass Relief Valve with stainless steel ball	0-150	3/8" MNPT	3/8" FNPT
2158-01	7 55217 21581 4	By-Pass Relief Valve with stainless steel ball	0-300	3/8" MNPT	3/8" FNPT



**Brass By-Pass and Pressure Relief Valves**

Part No.	UPC	Description	PSI	Inlet	Outlet
2040-01	7 55217 20401 6	Pressure Relief Valve with rubber seat	0-150	1/2" MNPT	1/2" FNPT
2042-01	7 55217 20421 4	By-Pass Relief Valve with stainless steel ball	0-300	1/2" MNPT	1/2" FNPT
2041-01	7 55217 20411 5	By-Pass Relief Valve with stainless steel ball	300-600	1/2" MNPT	1/2" FNPT
2050-01	7 55217 20501 3	Pressure Relief Valve with rubber seat	0-200	3/4" MNPT	3/4" FNPT
2051-01	7 55217 20511 2	Pressure Relief Valve with rubber seat	200-500	3/4" MNPT	3/4" FNPT
2053-01	7 55217 20531 0	By-Pass Relief Valve with stainless steel ball	0-300	3/4" MNPT	3/4" FNPT
2054-01	7 55217 20541 9	By-Pass Relief Valve with stainless steel ball	300-600	3/4" MNPT	3/4" FNPT
2261-01	7 55217 22611 7	By-Pass Relief Valve with brass valve seat	0-400	1" MNPT	3/4" FNPT

# Brass and Aluminum Pressure Regulating By-Pass Valves



- Stainless steel springs for corrosion resistance
- T-Handle construction permits quick adjustment to higher or lower pressures within the desired operating range
- Operating range and system pressure are maintained by relieving excess liquid through the outlet

<b>Brass Pressure Regulating By-Pass Valves</b>					
Part No.	UPC	Description	PSI	Inlet	Outlet
2530-01	7 55217 25301 4	Brass Pressure Regulating By-Pass Valve	0 - 50	1/2" MPT	3/4" FPT
2531-01	7 55217 25311 3	Brass Pressure Regulating By-Pass Valve	0 - 300	1/2" MPT	3/4" FPT
2532-01	7 55217 25321 2	Brass Pressure Regulating By-Pass Valve	300-700	1/2" MPT	3/4" FPT
2540-01	7 55217 25401 1	Brass Pressure Regulating By-Pass Valve	0-50	1/2" MPT	1/2" FPT
2541-01	7 55217 25411 0	Brass Pressure Regulating By-Pass Valve	0-300	1/2" MPT	1/2" FPT
2542-01	7 55217 25421 9	Brass Pressure Regulating By-Pass Valve	300-700	1/2" MPT	1/2" FPT
2550-01	7 55217 25501 8	Brass Pressure Regulating By-Pass Valve	0-50	3/4" MPT	3/4" FPT
2551-01	7 55217 25511 7	Brass Pressure Regulating By-Pass Valve	0-300	3/4" MPT	3/4" FPT
2552-01	7 55217 25521 6	Brass Pressure Regulating By-Pass Valve	300-700	3/4" MPT	3/4" FPT

<b>Aluminum Pressure Regulating By-Pass Valves</b>					
Part No.	UPC	Description	PSI	Inlet	Outlet
2530-02	7 55217 25302 1	Alum Pressure Regulating By-Pass Valve	0 - 50	1/2" MPT	3/4" FPT
2531-02	7 55217 25312 0	Alum Pressure Regulating By-Pass Valve	0 - 300	1/2" MPT	3/4" FPT
2532-02	7 55217 25322 9	Alum Pressure Regulating By-Pass Valve	300-700	1/2" MPT	3/4" FPT
2540-02	7 55217 25402 8	Alum Pressure Regulating By-Pass Valve	0-50	1/2" MPT	1/2" FPT
2541-02	7 55217 25412 7	Alum Pressure Regulating By-Pass Valve	0-300	1/2" MPT	1/2" FPT
2542-02	7 55217 25422 6	Alum Pressure Regulating By-Pass Valve	300-700	1/2" MPT	1/2" FPT
2550-02	7 55217 25502 5	Alum Pressure Regulating By-Pass Valve	0-50	3/4" MPT	3/4" FPT
2551-02	7 55217 25512 4	Alum Pressure Regulating By-Pass Valve	0-300	3/4" MPT	3/4" FPT
2552-02	7 55217 25522 3	Alum Pressure Regulating By-Pass Valve	300-700	3/4" MPT	3/4" FPT

# Water Pressure Regulator

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- Restricts incoming water pressure to 40 PSI
- Brass construction

Part No.	Description
2940-01	<b>Water Pressure Regulator Garden Hose Inlet x 1/2" NPT Outlet</b>



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# Brass Ball Valves



3410-01



3411-01

- 200 PSI Rating (CWP)
- Temperature Rating -4°F to 250°F
- Chromed brass body, ball and stem
- Teflon® Seat and Viton® seals

Mini Brass Ball Valves				
Part No.	UPC	Description	Inlet	Outlet
3410-01	7 55217 34101 8	T-Handle Ball Valve	1/4" FNPT	1/4" FNPT
3411-01	7 55217 34111 7	T-Handle Ball Valve	1/4" FNPT	1/4" MNPT
3412-01	7 55217 34121 6	T-Handle Ball Valve	3/8" FNPT	3/8" FNPT
3413-01	7 55217 34131 5	T-Handle Ball Valve	3/8" FNPT	3/8" MNPT
3414-01	7 55217 34141 4	T-Handle Ball Valve	1/2" FNPT	1/2" FNPT
3415-01	7 55217 34151 3	T-Handle Ball Valve	1/2" FNPT	1/2" MNPT

- Investment cast body and cap
- 600 PSI (W.O.G.); 100 PSI steam
- Teflon® seals and seats
- -40°F to 366°F operating temperature

Full Port Brass Ball Valve		
Part No.	UPC	Description
3420-01	7 55217 34201 5	1/4" FNPT Ball Valve
3422-01	7 55217 34221 3	3/8" FNPT Ball Valve
3424-01	7 55217 34241 1	1/2" FNPT Ball Valve
3426-01	7 55217 34261 9	3/4" FNPT Ball Valve
3428-01	7 55217 34281 7	1" FNPT Ball Valve

# Hamilton Unloader Valves

## 1/2"



Port Sizes	Model Number	Spring Color	Pressure Ranges PSI	Capacity Ranges GPM	Cup & Stem Seal Options		Dimensions -Inches		
					Piston Cups	Stem Seal	Length	Overall Height	Swing Dimen.
1/2"	5040-1	Steel	100-500	1-5	Rubber	O-Ring	4	7-7/16	5-3/4
	5042-1	Steel	100-500	1-5	Leather				
	5140-1	Black	200-1000	1.5-6	Teflon				
1/2"	5041-1	Steel	100-500	1.5	Rubber w/Monel Parts	O-Ring	4	7-7/16	5-3/4
1/2"	5047-1	Black	200-1000	1.5-6	Teflon	O-Ring	4	7-1/8	2
1/2"	5414-1	Blue	500-1000	2-12	Energized Graphite Teflon W/S.S. Cyl. Sleeve	Viton O-Rings w/Teflon Backup Rings	2-3/8	7-1/4	3-1/2
	5424-1	Red	1000-2000						
	5434-1	Yellow	2000-3000						

In order to achieve the most satisfactory performance from the Hamilton unloader valve, BE CERTAIN to select the unloader which is within discharge capability of pump.

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# Hamilton Unloader Valves

## 3/4"

- **Extends pump life** - Reduces motor amperage and retains outlet pressure
- **Saves power** - Pump operates at low pressure when unloader is by-passing
- **Saves time** - Allows interruption of spray without stopping and restarting of the pump.

Specifically designed for high and low pressure operations, adjustable feature of Hamilton unloader valves adapts them to many positive displacement pumps.



Port Sizes	Model Number	Spring Color	Pressure Ranges PSI	Capacity Ranges GPM	Cup & Stem Seal Options		Dimensions -Inches		
					Piston Cups	Stem Seal	Length	Overall Height	Swing Dimen.
3/4"	5050-1	Green	200-375	5-35	Leather	Graphite Packing Rings	6	10-3/4	7-5/8
	5150-1	Blue	400-575						
	5051-1	Green	200-375		Rubber				
	5151-1	Blue	400-575						
3/4"	5052-1	Green	200-375	5-35	Leather	Buna N O-Rings	6	10-1/2	7-3/8
	5152-1	Blue	400-575						
	5056-1	Green	200-375		Rubber				
	5156-1	Blue	400-575						
3/4"	5057-1	Red	600-950	7-35	Teflon Graphite Filled	Viton O-Rings w/Teflon Backup Rings	6	10-1/2	9-1/2
	5157-1	Yellow	1000-1500						
	5257-1	Black	1500-2000						

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# Unloader Repair Kits

Kit Part No.	Used On	Included in Kit	
5000-00-500	5050-1 5150-1	5050-065-11 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-068-03 Spring 5050-015-01 Check Valve Holder 2050-051-11 Check Valve Disc 5050-016-01 Disc Washer	3030-051-01 Shut off Valve Screw 5050-061-25 Check Valve Spring 5052-051-21 Piston Gasket 5050-073-23 Piston Cup 5050-074-09 Body Gasket 5050-075-41 Stem Liner (2) 5050-064-07 Stem Packing
5000-00-501	5051-1 5151-1	5050-065-11 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-068-03 Spring 5050-015-01 Check Valve Holder 2050-051-11 Check Valve Disc 5050-016-01 Disc Washer	3030-051-01 Shut off Valve Screw 5050-061-25 Check Valve Spring 5052-051-21 Piston Gasket 5050-073-24 Piston Cup 5050-074-09 Body Gasket 5050-075-41 Stem Liner (2) 5050-064-07 Stem Packing
5000-00-502	5052-1 5152-1	5050-065-11 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-068-03 Spring 5050-015-01 Check Valve Holder 2050-051-11 Check Valve Disc 5050-016-01 Disc Washer	3030-051-01 Shut off Valve Screw 5050-061-25 Check Valve Spring 5052-051-21 Piston Gasket (3) 5050-073-24 Piston Cup 5050-074-09 Body Gasket 5052-052-41 Back up Ring (4)
5000-00-503	5056-1 5156-1	5050-065-11 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-068-03 Spring 5050-015-01 Check Valve Holder 2050-051-11 Check Valve Disc 5050-016-01 Disc Washer	3030-051-01 Shut off Valve Screw 5050-061-25 Check Valve Spring 5050-073-23 Piston Cup 5050-074-09 Body Gasket 5052-052-41 Back up Ring (4)
5000-00-504	5057-1 5157-1	5050-065-11 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-059-46 329 SS 7/8 Dia Ball (2) 5257-068-03 Spring (2)	5057-053-43 Piston Seal 5057-054-09 O Ring 5052-051-21 Piston Gasket (3) 5052-052-41 Back up Ring (4)

# Unloader Repair Kits

Kit Part No.	Used On	Included in Kit	
5000-00-505	5257-1	5050-065-34 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-059-46 329 SS 7/8 Dia Ball (2) 5257-068-03 Spring (2)	5257-053-43 Piston Seal 5057-054-09 O Ring 5052-051-21 Piston Gasket (3) 5052-052-41 Back up Ring (4) 5257-057-09 Cylinder Gasket
5000-00-506	5534-1 5544-1	5504-054-09 Check Valve Cap Gasket (2) 5506-012-03 Check Valve Seat (2) 5504-059-21 Check Valve Seat Gasket (2) 5504-013-46 SS Check Valve Ball (2) 5506-015-03 Check Valve Spring (2)	5506-053-43 Piston Seal 5404-055-09 Body Gasket 5052-051-21 Piston Gasket (3) 5052-052-41 Back Up Ring (4) 5506-057-09 Cylinder Gasket
5000-00-508	5424-1 5434-1	5404-054-09 Check Valve Cap Gasket (2) 5404-012-45 Check Valve Seat (2) 5404-056-09 Check Valve Cap Gasket (2) 5404-013-46 SS Check Valve Ball 5404-015-03 Check Valve Spring (2)	5404-053-43 Piston Seal 5404-055-09 Body Gasket 5404-051-21 Stem Seal (3) 5404-052-41 Back up Ring (4) 5404-057-09 Cylinder Gasket
5000-00-511	5156-1	5050-065-11 Valve Cage Cap Gasket (2) 5050-067-03 Valve Seat (2) 5050-077-34 Valve Seat Gasket (2) 5050-068-03 Spring 5050-061-25 Check Valve Spring	5050-073-23 Piston Cup 5050-074-09 Body Gasket 5052-051-21 Piston Gasket (3) 5052-052-41 Back up Ring (4) 5050-059-46 329 SS 7/8 Dia Bal (2)
5000-00-515	5040-1	5040-053-33 Piston Cup 5040-014-33 Teflon Poppet 5040-058-03 Spring	5040-056-22 Valve Seat Gasket (2) 5040-060-22 Cage Cap Gasket (2) 1100-053-09 Stem O Ring (2)