

Black Max™ Piston Intake Valve

Corrosion resistant stainless steel and poly-impregnated aluminum combine for a more durable Piston Intake Valve. A large unique oval waterway increases efficiency while reducing the overall size. All of this, plus a special 10 year warranty makes the Black Max the obvious choice for today's fire service.

Standard Features

- Compact size - extends only 11-15/16" from the pump panel
- 250 psi operating pressure
- Low friction loss - 7 psi at 2000 gpm
- Polymer piston for improved corrosion resistance
- Pressure relief valve, adjustable from 50 - 250 psi
- 53 deg. elbow
- Size: 18-7/8" H, 9-9/16" W, 11-15/16" D

Options

- Outlets (pump side):
 - 5" rocker lug
 - 6" rocker lug or long handle
- Inlets (hose side):
 - 4", 5" or 6" rigid Storz
 - 4" or 5" full time Storz swivel
 - 4", 4-1/2", 5", 6" male
 - 4", 4-1/2" or 5" female swivel
- Storz cap and chain
- Air bleeder lines

Ordering Information

Part No. Description

- | | |
|--------|----------------------------------------------------------------------------------------------------|
| 7980-5 | Black Max™ Piston intake valve with 5" female NH swivel pumper connection, (specify inlet option) |
| 7980-6 | Black Max™ Piston intake valve with 6" female NH swivel pumper connection, (specific inlet option) |



* Limited to Manufacture Defect and Corrosion

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Butterfly Valves

Available in 4", 4-1/2", 5" and 6" full flow sizes. Operates to 250 psi and meets NFPA 1901 Standard for opening and closing speed when used with either a handwheel gear operator, air or electric actuator. A manual handle is available for dump valve applications.

The all-aluminum body has a 3/4" drain port on all male, storz and victaulic inlet bodies.

Options Inlets & Outlets

- Male
- Female NPT
- Female swivel (rocker lug or long handle)
- Victaulic
- Storz (swivel standard)

Ordering Information

Part No. Description

7940	4" x 4"
7945	4-1/2" x 4-1/2" (5" body)
7950	5" x 5"
7960	6" x 6"

Specify: A - for handwheel gear operator
 B - for electric actuator and style 9303 controller
 C - manual throttle handle
 D - pneumatic operator

**Butterfly Valve
with Handwheel
Gear Operator**



Drain Valves

Quarter Turn Drain Valve

- T-handle extends 2" from the panel for easy turning
- 3/4" NPT threads

Dranit Drain Valve

- Small, compact drain valve
- 3/4" NPT male thread
- Opening equivalent to 3/8" diameter hole

3/4" Drain Valve

- Push-pull valve for draining discharge, suction, or in-line valves
- For pressures up to 500 psi
- Brass handle shaft and body
- 3/4" NPT female inlet and outlet thread

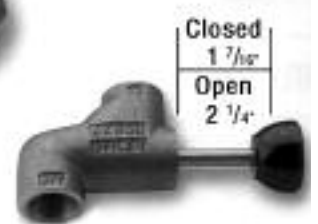
No. 57



No. 4



No. 7



Closed
1 7/8"
Open
2 1/4"

Relief Valves

Intake Pressure Relief Valve

For mounting on main pump intakes with a four bolt flange (4-3/8" or 4-19/32" bolt circle diameter). Adjustable from 50-175 psi. Factory set at 125 psi, available with a 2.5" NPT, 2.5" NH or 2.5" victaulic outlet.

Ordering Information

Part No. Description

57	Quarter turn drain valve
4	Dranit drain valve, length: 2-1/4"
7	3/4" drain valve
59	Intake pressure relief valve

No. 59



Features

- Durable, Lightweight Elk-O-Lite® construction
- Free swiveling, locking Storz connectors
- Full flow ball valves
- Adjustable relief/dump valves
- Modular design
- Self-locking ball valves
- Piston intake valve in brass or Elk-O-Lite®
- Made in USA



No. 9786

Piston Intake Valve

- One 4" or 5" free swivel Storz inlet
- Optional 4" or 4-1/2" NH swivel inlet
- Durable urethane seat
- 3/4" bleeder valve
- Folding handwheel spinner



No. 9722

2-Way Gated Siamese

- One 4" or 5" free swivel Storz outlet
- Two quarter-turn, ball valved inlets with 2-1/2" female swivels
- Full flow, self locking Hydro-Loc® valves
- Acetal balls with neoprene seats
- Optional 3/4" bleeder valve (Add -BL to Part Number)



No. 9713

3-Way Gated Manifold

- One 4" or 5" free swivel Storz inlet
- Three 2-1/2" quarter-turn, ball valved outlets with 2-1/2" male threads
- Full flow, self locking Hydro-Loc® valves
- Optional 3/4" bleeder valve (Add -BL to Part Number)



No. 9715

5-Way Gated Manifold (Portable Hydrant)

- One 4" or 5" free swivel Storz inlet
- One 4" gear operated, quarter-turn, ball valved outlet with 4" or 5" free swivel Storz connection
- Four 2-1/2" quarter-turn, ball valve outlets with 2-1/2" male threads
- Full flow, self locking Hydro-Loc® valves
- Acetal balls with neoprene seats
- Liquid filled pressure gauge (0-300 psi)

Ordering Information

Part No.	Description
9786	Piston intake valve, Elk-O-Lite®
9787	Piston intake valve, brass (not shown)
9722	2-way gated siamese
9723	3-way gated siamese (not shown)
9712	2-way gated manifold (not shown)
9713	3-way gated manifold
9715	5-way gated manifold (portable hydrant)

H500S

Stainless Steel Piston & Cylinder

AWG designed, this truck inlet valve to incorporate quick-connection, fast, but controlled opening, with air bleeder and relief valve. 45° inlet provides smooth water-flow for reduced friction loss. This valve is covered by a 10 year warranty against failure due to corrosion.

Extension 10-1/2" - W. 8" - Ht. 17-1/2" - Wt. 27 lb.

Part No. w/o 250-S Relief Valve	Part No. w/250-S Relief Valve	Inlet Storz		Outlet Female NH Swivel
H500S-40-45NH	H500S-40-45NH/250S	4"	x	4-1/2"
H500S-40-50NH	H500S-40-50NH/250S	4"	x	5"
H500S-40-60NH	H500S-40-60NH/250S	4"	x	6"
H500S-50-45NH	H500S-40-45NH/250S	5"	x	4-1/2"
H500S-50-50NH	H500S-50-50NH/250S	5"	x	5"
H500S-50-60NH	H500S-50-60NH/250S	5"	x	6"
H500S-60-60NH	H500S-60-60NH/250S	6"	x	6"

Note: For full-time swivel Storz add/FTS after part number



No. H500S

H500B

Brass Body

This body is identical to the H500S except the valve body is brass.

Extension 10-1/2" - W. 8" - Ht. 17-1/2" - Wt. 48 lb.

Ordering Information

Part No. w/o 250-S Relief Valve	Part No. w/250-S Relief Valve	Inlet Storz		Outlet Female NH
H500B-40-45NH	H500B-40-45NH/250S	4"	x	4-1/2"
H500B-40-50NH	H500B-40-50NH/250S	4"	x	5"
H500B-40-60NH	H500B-40-60NH/250S	4"	x	6"
H500B-50-45NH	H500B-50-45NH/250S	5"	x	4-1/2"
H500B-50-50NH	H500B-50-50NH/250S	5"	x	5"
H500B-50-60NH	H500B-50-60NH/250S	5"	x	6"
H500B-60-60NH	H500B-60-60NH/250S	6"	x	6"

Note: For full-time swivel Storz add/FTS after part number



No. H500B



No. 250-S Relief Valve

Pressure settings between 50 and 250 psi

Ordering Information

Part No.	Description
H500S-RK	Repair kit for H500S piston intake valve
H500B-RK	Repair kit for H500B piston intake valve

HARRINGTON LDH GATE VALVES

Features

- High quality AWG design
- Non-rising stem
- Includes air bleeder

Straight

H800 Extension 8-1/2" • W. 8" • Ht. 15" • Wt. 22 lb.



25 deg. Elbow

H811 Extension 12" • W. 8" • Ht. 15" • Wt. 22 lb.



25 deg. Elbow w/ Relief Valve

H810 Extension 12" • W. 8" • Ht. 15" • Wt. 25 lb.



Straight w/ Relief Valve

H814 Extension 12" • W. 8" • Ht. 15" • Wt. 25 lb.



Ordering Information - Part No.

Straight	25 Deg. Elbow	25 Deg. Elbow w/ Relief Valve	Straight w/ Relief Valve	Inlet Storz	Outlet Female
H800-40-40NH	H811-40-40NH	H810-40-40NH	H814-40-40NH	4" x 4"	NH
H800-40-45NH	H811-40-45NH	H810-40-45NH	H814-40-45NH	4" x 4-1/2"	NH
H800-40-50NH	H811-40-50NH	H810-40-50NH	H814-40-50NH	4" x 5"	NH
H800-40-60NH	H811-40-60NH	H810-40-60NH	H814-40-60NH	4" x 6"	NH
H800-40-40ST	H811-40-40ST	H810-40-40ST	H814-40-40ST	4" x 4"	Storz
H800-50-40NH	H811-50-40NH	H810-50-40NH	H814-50-40NH	5" x 4"	NH
H800-50-45NH	H811-50-45NH	H810-50-45NH	H814-50-45NH	5" x 4-1/2"	NH
H800-50-50NH	H811-50-50NH	H810-50-50NH	H814-50-50NH	5" x 5"	NH
H800-50-60NH	H811-50-60NH	H810-50-60NH	H814-50-60NH	5" x 6"	NH
H800-50-50ST	H811-50-50ST	H810-50-50ST	H814-50-50ST	5" x 5"	Storz

Safety first - Open and close valves slowly to reduce the possibility of damage from water-hammer.

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5-Way Manifold

Feed four small lines with one large line and continue with a large line. All outlets are valved. Relief valve and pressure gauge are standard.

L. 16-3/4" • W. 21-1/2" • Ht. 13" • Wt. 51 lb.



Ordering Information

Part No.	Inlet Storz	Outlet Storz	Small Outlets MNH
H400-40-40-25NH	4" x	4"	(4) 2-1/2"
H400-50-50-25NH	5" x	5"	(4) 2-1/2"

2-Way Ball Valve

Feed two large diameter lines with a single large diameter line. Relief valve standard.

L. 16-1/2" • W. 24-3/4" • Ht. 12" • Wt. 50 lb.



Ordering Information

Part No.	Inlet Storz	Outlets Storz
H600-40-40ST	4" x	(2) 4"
H400-50-50ST	5" x	(2) 5"

3-Way Manifold

Feed two small lines with one large line and continue with a large line. All outlets are valved. Relief valve and pressure gauge are standard.

L. 17-1/2" • W. 21-1/2" • Ht. 13" • Wt. 42 lb.



Ordering Information

Part No.	Inlet Storz	Outlet Storz	Small Outlets MNH
H301-40-40-25NH	4" x	4"	(2) 2-1/2"
H301-50-50-25NH	5" x	5"	(2) 2-1/2"

3-Way Ball Valve

Feed three small diameter lines with a single large diameter line. Relief valve standard.

L. 12-1/4" • W. 16" • Ht. 11" • Wt. 21-1/2 lb.



Ordering Information

Part No.	Inlet Storz	Outlets MNH
H300-40-25NH	4" x	(3) 2-1/2"
H300-50-25NH	5" x	(3) 2-1/2"

Safety first - Open and close valves slowly to reduce the possibility of damage from water-hammer.

LDH Hydrant Valve

Designed and manufactured by AWG, this unique valve permits the first-in pumper to lay the large diameter line directly from hydrant to fire and start pumping water. Later, if more pressure is required to boost the pressure at the hydrant to take full advantage of available water, another pumper can connect to the hydrant valve and start pumping with no interruption in flow. A third position provides emergency shut-down capability.

Extension 13" • W. 17-3/4" • Ht. 13" • Wt. 36 lb.



Ordering Information

Part No.	Storz	Hydrant HN
H700-40-40NH	4" x	4"
H700-40-45NH	4" x	4-1/2"
H700-50-40NH	5" x	4"
H700-50-45NH	5" x	4-1/2"

Hydrant Ball Valve

An economical means to gate a 2-1/2" hydrant connection prior to opening the hydrant, for additional water flow requirements.



Ordering Information

Part No.	Inlet NHF	Outlet
HHBV-25NH	2-1/2"	2-1/2" NHM
HHBV-40ST	2-1/2"	4" Storz
HHBV-50ST	2-1/2"	5" Storz

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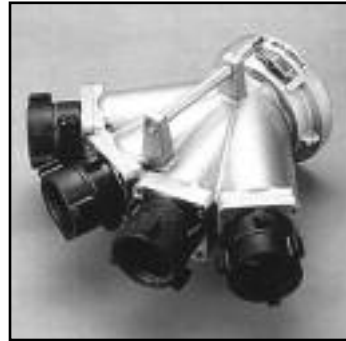
2-Way Siamese

L. 10-1/2" • W. 10" • Ht. 5" • Wt. 10 lb.



4-Way Siamese

L. 15" • W. 19" • Ht. 9" • Wt. 21 lb.



3-Way Siamese

L. 14-1/2" • W. 15" • Ht. 9" • Wt. 17 lb.



Jumbo Siamese

L. 17-1/2" • W. 15-1/2" • Ht. 9-1/2" • Wt. 30 lb.



Ordering Information

Part No.	Type	Inlets NH Swivel	Outlets Storz
H220-40-25NH	2-Way	(2) 2-1/2"	4"
H220-50-25NH	2-Way	(2) 2-1/2"	5"
H330-40-25NH	3-Way	(3) 2-1/2"	4"
H330-50-25NH	3-Way	(3) 2-1/2"	5"
H440-40-25NH	4-Way	(4) 2-1/2"	4"
H440-50-25NH	4-Way	(4) 2-1/2"	5"

Ordering Information

Part No.	Type	Inlets Storz	Outlets Storz
HJ20-40-40ST	Jumbo	(2) 4"	4"
HJ20-50-50ST	Jumbo	(2) 5"	5"

HARRINGTON LDH ADAPTERS

Straight Female



Swivel - Rocker Lug



Swivel - Long Handle

Ordering Information - Part No.

Female Rigid w/Rocker Lug	Female Swivel w/Rocker Lug	Female Swivel w/Long Handle	Inlet Storz		Outlet NH
HSFR25-25NH	HSFS25-25NHRL		2-1/2"	x	2-1/2"
HSFR30-25NH	HSFS30-25NHRL		3"	x	2-1/2"
HSFR40-25NH	HSFS40-25NHRL		4"	x	2-1/2"
HSFR40-30NH	HSFS40-30NHRL		4"	x	3"
HSFR40-35NH	HSFS40-35NHRL		4"	x	3-1/2"
HSFR40-40NH	HSFS40-40NHRL	HSFS40-40NHLH	4"	x	4"
HSFR40-45NH	HSFS40-45NHRL	HSFS40-45NHLH	4"	x	4-1/2"
HSFR40-50NH	HSFS40-50NHRL	HSFS40-50NHLH	4"	x	5"
HSFR40-60NH	HSFS40-60NHRL	HSFS40-60NHLH	4"	x	6"
HSFR50-25NH	HSFS50-25NHRL		5"	x	2-1/2"
HSFR50-30NH	HSFS50-30NHRL		5"	x	3"
HSFR50-35NH	HSFS50-35NHRL		5"	x	3-1/2"
HSFR50-40NH	HSFS50-40NHRL	HSFS50-40NHLH	5"	x	4"
HSFR50-45NH	HSFS50-45NHRL	HSFS50-45NHLH	5"	x	4-1/2"
HSFR50-50NH	HSFS50-50NHRL	HSFS50-50NHLH	5"	x	5"
HSFR50-60NH	HSFS50-60NHRL	HSFS50-60NHLH	5"	x	6"
HSFR60-40NH	HSFS60-40NH	HSFS60-40NHLH	6"	x	4"
HSFR60-45NH	HSFS60-45NH	HSFS60-45NHLH	6"	x	4-1/2"
HSFR60-50NH	HSFS60-50NH	HSFS60-50NHLH	6"	x	5"
HSFR60-60NH	HSFS60-60NH	HSFS60-60NHLH	6"	x	6"

Straight Male Rigid



Part No.	Inlet Storz		Outlet NH	Part No.	Inlet Storz		Outlet NH
HSMR25-25NH	2-1/2"	x	2-1/2"	HSMR50-25NH	5"	x	2-1/2"
HSMR30-25NH	3"	x	2-1/2"	HSMR50-30NH	5"	x	3"
HSMR40-25NH	4"	x	2-1/2"	HSMR50-35NH	5"	x	3-1/2"
HSMR40-30NH	4"	x	3"	HSMR50-40NH	5"	x	4"
HSMR40-35NH	4"	x	3-1/2"	HSMR50-45NH	5"	x	4-1/2"
HSMR40-40NH	4"	x	4"	HSMR50-50NH	5"	x	5"
HSMR40-45NH	4"	x	4-1/2"	HSMR50-60NH	5"	x	6"
HSMR40-50NH	4"	x	5"	HSMR60-40NH	6"	x	4"
HSMR40-60NH	4"	x	6"	HSMR60-45NH	6"	x	4-1/2"
				HSMR60-50NH	6"	x	5"
				HSMR60-60NH	6"	x	6"

Any Storz/Thread combination available.

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30° Elbow w/Relief Valve & Air Bleeder



Ordering Information

Part No.	Inlet		Outlet	
	Storz			
H30ERV-40-40NH	4"	x	4"	NH
H30ERV-40-45NH	4"	x	4-1/2"	NH
H30ERV-40-50NH	4"	x	5"	NH
H30ERV-40-60NH	4"	x	6"	NH
H30ERV-40-40ST	4"	x	4"	Storz
H30ERV-50-40NH	5"	x	4"	NH
H30ERV-50-45NH	5"	x	4-1/2"	NH
H30ERV-50-50NH	5"	x	5"	NH
H30ERV-50-60NH	5"	x	6"	NH
H30ERV-50-50ST	5"	x	5"	Storz

30° Elbow with Rocker Lug Swivel



30° Elbow with Long Handle Swivel



Ordering Information

Part No.		Inlet		Outlet	
Rocker Lug Swivel	Long Handle Swivel	Storz			
H30E-40-25NHRL		4"	x	2-1/2"	NH Swivel
H30E-40-30NHRL		4"	x	3"	NH Swivel
H30E-40-35NHRL		4"	x	3-1/2"	NH Swivel
H30E-40-40NHRL	H30E-40-40NHLH	4"	x	4"	NH Swivel
H30E-40-45NHRL	H30E-40-45NHLH	4"	x	4-1/2"	NH Swivel
H30E-40-50NHRL	H30E-40-50NHLH	4"	x	5"	NH Swivel
H30E-40-60NHRL	H30E-40-60NHLH	4"	x	6"	NH Swivel
H30E-40-40ST		4"	x	4"	Storz
H30E-50-25NHRL		5"	x	2-1/2"	NH Swivel
H30E-50-30NHRL		5"	x	3"	NH Swivel
H30E-50-35NHRL		5"	x	3-1/2"	NH Swivel
H30E-50-40NHRL	H30E-50-40NHLH	5"	x	4"	NH Swivel
H30E-50-45NHRL	H30E-50-45NHLH	5"	x	4-1/2"	NH Swivel
H30E-50-50NHRL	H30E-50-50NHLH	5"	x	5"	NH Swivel
H30E-50-60NHRL	H30E-50-60NHLH	5"	x	6"	NH Swivel
H30E-50-50ST		5"	x	5"	Storz
H30E-60-40NH	H30E-60-40NHLH	6"	x	4"	NH Swivel
H30E-60-45NH	H30E-60-45NHLH	6"	x	4-1/2"	NH Swivel
H30E-60-50NH	H30E-60-50NHLH	6"	x	5"	NH Swivel
H30E-60-60NH	H30E-60-60NHLH	6"	x	6"	NH Swivel

Any Storz/Thread combination available.

Storz to Storz Adapters



Ordering Information

Part No.	Storz	Storz
HSTS25-15	2-1/2" x	1-1/2"
HSTS25-20	2-1/2" x	2"
HSTS30-20	3" x	2"
HSTS30-25	3" x	2-1/2"
HSTS40-25	4" x	2-1/2"
HSTS40-30	4" x	3"
HSTS50-25	5" x	2-1/2"
HSTS50-40R	5" x	4" Rigid
HSTS50-40S	5" x	4" Swivel
HSTS50-40/FTS	5"* x	4"
HSTS60-40	6" x	4"
HSTS60-50	6" x	5"

*Has 5" Storz full-time swivel

Ordering Information

Part No.	Size
HBC-15	1-1/2"
HBC-20	2"
HBC-25	2-1/2"
HBC-30	3"
HBC-40	4"
HBC-50	5"
HBC-60	6"

Storz Blind Caps with Chain



Storz Caps with a brass, chrome plated chain will keep your Storz appliances clean and provide a tight seal for vacuum.

Mounting Brackets for Valves & Adapters



Ordering Information

Part No.	Description
HMB-M	Manifold
HMB-HV	Hydrant Valve
HMB-JS	Jumbo Siamese
HMB-3WS	3-Way Siamese
HMB-3WBV	3-Way Ball Valve

Post-Type Mount

For Manifold and LDH Hydrant Valve, for securing valves to the tailboard. Simply place the valve over the post with the valve in the open position.

Part No.	Description
HPM-M-HV	Manifold/Hydrant Valve

Mounting Brackets for Storz Adapters

For Storz adapters only.

Ordering Information

Part No.	Storz
HSMB-20-30	2" & 3"
HSMB-25-15	2-1/2" — 1-1/2"
HSMB-40	4"
HSMB-50	5"

Permanent Hydrant Adapter (HPHA™)

Fight the fire, not the connections. Retrofit your hydrants with Harrington "Metal Face" Storz/Cap connections for outdoor permanent installations, safeguard against unauthorized removal, vandalism and theft.

Installation Procedure:

1. Remove threaded nozzle cap using a Harrington No. HHSW-100 spanner wrench.
2. Remove any debris from the end of the brass male nozzle.
3. Thread the HPHA™ clockwise onto the male nozzle until the gasket meets the nozzle face.
4. Tighten the HPHA™ onto the nozzle using the HHSW-100 spanner wrench to ensure that a tight seal is achieved.
5. Insert the (2) two set screws in the HPHA™ into the nozzle using a 5/32" allen wrench.
6. Fully engage the Storz cap in a clockwise direction using a HHSW-100 spanner wrench.



Ordering Information

Part No.	Description
HPHA40-40NH	4" Storz x 4" NH thread
HPHA40-45NH	4" Storz x 4-1/2" NH thread
HPHA50-40NH	5" Storz x 4" NH thread
HPHA50-45NH	5" Storz x 4-1/2" NH thread

Notes: (1) Special threads available
 (2) Cap and cable included with adapter