# Fire Protection

est. 1947

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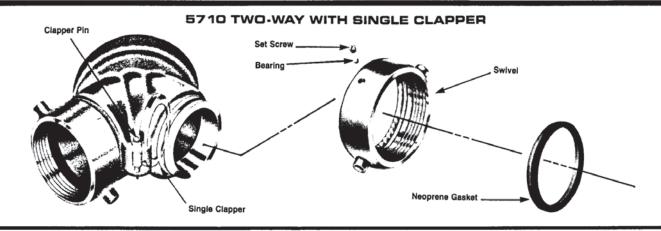
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# EXPOSED FIRE DEPT. INLET CONNECTIONS — CLAPPER TYPE





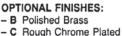
#### TWO-WAY WITH SINGLE CLAPPER

**FUNCTION:** Used as an auxiliary inlet connection providing 500 G.P.M. minimum (Ref. NFPA No. 14) to supplement the fire protection water supply. Swing clapper provides unobstructed waterway. Exposed design is an economical method of satisfying fire dept. inlet requirements.

**REGULARLY FURNISHED:** Cast brass two-way inlet body, swing clapper and pin lug swivel. Back or angle outlet as selected by figure number. Lettering as selected. Size  $4'' \times 21/2'' \times 21/2''$ .







- D Polished Chrome Plated

LETTERING AVAILABLE: AUTO. SPKR. STANDPIPE

SPECIFY thread and lettering

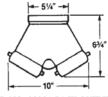
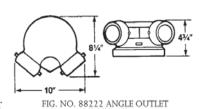


FIG. NO. 88221 BACK OUTLET 4 X 2 1/2



4 X 2X2 1/2



#### TWO-WAY WITH DOUBLE CLAPPERS

**FUNCTION:** Used as an auxiliary inlet connection providing 500 G.P.M. minimum (Ref. NFPA No. 14) to supplement the fire protection water supply. Drop clappers provide unobstructed waterway. Exposed design is an economical method of satisfying fire dept. inlet requirements.

**REGULARLY FURNISHED:** Cast brass two-way inlet body, drop clappers and pin lug swivels. Size and outlet as selected by figure number. Lettering as selected.





**Back Outlet** 



FIG. NO. 87881-87884 90° Angle Outlet

FIG. NO. 87880 45° Angle Outlet



Size	A	В	С	D
4½ x 2½ x 2½	71/2	111/2	81/2	111/4
6 x 2½ x 2½	91/2	101/2	9	103/4
4 x 3 x 3	91/2	111/2	91/2	11
6 x 3 x 3	10	11	101/2	11
4 x 2½ x 2½	8	11	_	

ALL DIMENSIONS IN INCHES

#### **OPTIONAL FINISHES:**

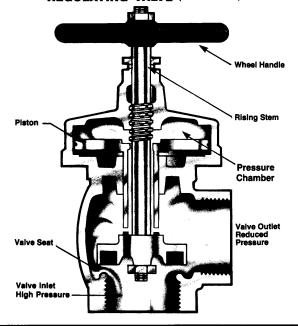
- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

LETTERING AVAILABLE: AUTO. SPKR. STANDPIPE

SPECIFY thread and lettering

## NON-ADJUSTABLE REG-U-MATIC PRESSURE REGULATING VALVES

### TYPICAL NON-ADJUSTABLE PRESSURE REGULATING VALVE (4050 SHOWN)



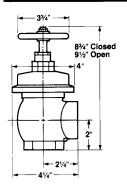
#### FEATURES AND DATA

- Selected pressure control under residual and static conditions.
- · Selected pressure control for 20 to 400 P.S.I.
- Listed by Underwriters Laboratories at 400 P.S.I. pressure.
- Listed by Underwriters Laboratories as a checking device.
- Hydraulic piston design.
- Under low residual supply pressure valve fully opens.
- Complete piping system can be hydrostatically tested to 400 P.S.I. without damage to valve.
- Maximum back pressure does not damage valve components.
- · Tamper Proof Pressures.
- Monitor Switch Adapter to provide valve supervision.
- Designed for high pressure sprinkler, standpipe and combined fire protection systems.

#### ORDERING INFORMATION

- Select type and size by figure number.
- Select required pressure range. (See Appendix page ☑)
- Select hose thread for male outlets.
- Optional Finish: -C Rough Chrome Plated.
- For factory selection of proper application advise
  - 1. Valve inlet P.S.I. Residual.
  - 2. G.P.M. Flow requirement.
  - 3. Valve outlet P.S.I. requirement.

VALVE SELECTION CHARTS AVAILABLE SEE APPENDIX PAGE Ⅳ
11/2" VALVE LISTED AT 300 P.S.I. PRESSURE



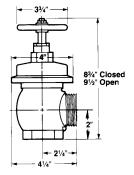
#### 11/2" FEMALE x FEMALE

**FUNCTION:** Used as a hose station control to regulate inlet pressure to 300 P.S.I. Also may be used as a zone control valve to regulate high pressure sprinkler, standpipe and combined systems with flow up to 250 G.P.M.

**REGULARLY FURNISHED:** Cast brass valve with rising stem, internal parts of brass and stainless steel, aluminum handwheel. Female NPT inlet and outlet.

OPTION: - MSA Monitor Switch Adapter with Visual Indicator.

FIG NO	PRICE
83684	



#### 11/2" FEMALE x MALE

**FUNCTION:** Used as a hose station to regulate inlet pressure to 300 P.S.I.

**REGULARLY FURNISHED:** Cast brass valve with rising stem, internal parts of brass and stainless steel, aluminum handwheel. Female NPT inlet  $\times$  male hose thread outlet.

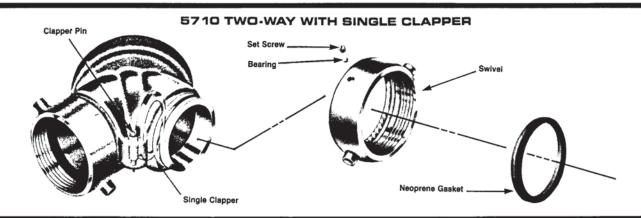
OPTION: - MSA Monitor Switch Adapter with Visual Indicator.

FIG NO	PRICE
83685	

NOTE: ALWAYS INDICATE HOSE THREAD REQUIREMENTS.



# EXPOSED FIRE DEPT. INLET CONNECTIONS — CLAPPER TYPE





#### TWO-WAY WITH SINGLE CLAPPER

**FUNCTION:** Used as an auxiliary inlet connection providing 500 G.P.M. minimum (Ref. NFPA No. 14) to supplement the fire protection water supply. Swing clapper provides unobstructed waterway. Exposed design is an economical method of satisfying fire dept. inlet requirements.

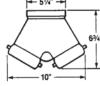
**REGULARLY FURNISHED:** Cast brass two-way inlet body, swing clapper and pin lug swivel. Back or angle outlet as selected by figure number. Lettering as selected. Size  $4'' \times 21/2'' \times 21/2''$ .

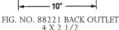
#### **OPTIONAL FINISHES:**

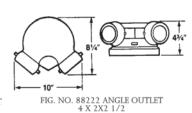
- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

#### LETTERING AVAILABLE: AUTO. SPKR. STANDPIPE

SPECIFY thread and lettering









#### TWO-WAY WITH DOUBLE CLAPPERS

**FUNCTION:** Used as an auxiliary inlet connection providing 500 G.P.M. minimum (Ref. NFPA No. 14) to supplement the fire protection water supply. Drop clappers provide unobstructed waterway. Exposed design is an economical method of satisfying fire dept. inlet requirements.

**REGULARLY FURNISHED:** Cast brass two-way inlet body, drop clappers and pin lug swivels. Size and outlet as selected by figure number. Lettering as selected.





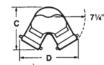




FIG. NO. 87876-87879 Back Outlet

FIG. NO. 87881-87884 90° Angle Outlet

FIG. NO. 87880 45° Angle Outlet

#### OPTIONAL FINISHES:

- B Polished Brass
- C Rough Chrome Plated
- D Polished Chrome Plated

LETTERING AVAILABLE: AUTO. SPKR. STANDPIPE

SPECIFY thread



Size	A	В	С	D
41/2 x 21/2 x 21/2	71/2	111/2	81/2	111/4
6 x 2½ x 2½	91/2	101/2	9	103/4
4 x 3 x 3	91/2	111/2	91/2	11
6 x 3 x 3	10	11	101/2	11
4 x 2½ x 2½	8	11		

ALL DIMENSIONS IN INCHES

#### **HOSE VALVES**

#### ANGLE

#### **FEMALE X MALE**

**FUNCTION:** Used with a fire hose rack assembly or as a fire dept. outlet connection.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel. Female N.P.T. inlet X male hose thread outlet. 300 lb.

SIZE	FIG NO	PRICE
1 1/2		
2 1/2	59115	

#### SPECIFY thread

#### **OPTIONAL FINISHES:**

- -B Polished Brass
- -C Rough Chrome Plated
- -D Polished Chrome Plated

#### **VARIATIONS:**

Extended stem up to 24", SPECIFY length 1/8" petcock SPECIFY location

Size	A	В	Closed C	Open C	D	E
11/2	21/4	31/2	61/2	71/2	21/2	2
21/2	31/2	5	91/2	111/2	31/2	23/4

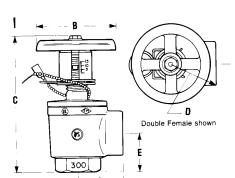
#### **DOUBLE FEMALE**

**FUNCTION:** Used with a fire hose rack assembly.

#### REGULARLY FURNISHED:

Cast brass valve with red hand wheel. Female N.P.T. inlet and outlet. 300 lb. rated

SIZE	FIG NO	PRICE
1 1/2	83690	
2 1/2	83692	



Female X Male shown

## ADJUSTABLE PRESSURE RESTRICTING ANGLE VALVE

#### **FEMALE X MALE**

**FUNCTION:** Used with a fire hose rack assembly or as a fire dept. outlet connection. Water pressure is controlled by adjustable flow restriction. If full flow is required the restriction may be overridden.

#### REGULARLY FURNISHED:

Cast brass valve with red hand wheel with pressure restricting feature. Female N.P.T. inlet X male hose thread outlet. 300 lb. rated. Furnished with field setting chart.

SIZE	FIG NO	PRICE
1 1/2	83693	
2 1/2	83694	

#### **DOUBLE FEMALE**

**FUNCTION:** Used with a fire hose rack assembly. Water pressure is controlled by adjustable flow restriction. If full flow is required the restriction may be overriden.

#### REGULARLY FURNISHED:

Cast brass valve with red hand wheel with pressure restricting feature. Female N.P.T. inlet and outlet. 300 lb. rated. Furnished with field setting chart.

SIZE	FIG NO	PRICE
1 1/2	83695	
2 1/2	83696	

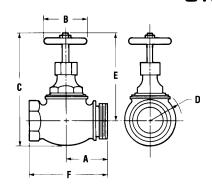


C

300

#### **HOSE VALVES**

#### STRAIGHT GLOBE



#### FEMALE X MALE

FUNCTION: Used with a fire hose assembly or as a fire dept. outlet connection.

#### REGULARLY FURNISHED:

Cast brass valve with red hand wheel. Female N.P.T. inlet X male hose thread outlet. 300 P.S.I.

#### VARIATION:

Extended stem up to 24", SPECIFY length

			Closed	Ореп				
Size	A	В	C	Ċ	D	E	F	
1/2	1/8	2	4	41/4	1	33/8	21/4	
11/2	21/2	31/2	71/4	81/4	3	5¾	43/4	
21/2	31/2	5	101/4	111/4	31/2	81/4	7	

ALL DIMENSIONS IN INCHES

#### **DOUBLE FEMALE**

FUNCTION: Used with a fire hose rack assembly or as a drain valve.

#### **REGULARLY FURNISHED:**

Cast brass valve with red hand wheel. Female N.P.T. inlet and outlet. 300 P.S.I.

SIZE	FIG NO	PRICE
1/2	83700	
1 1/2	83701	
2 1/2	83702	

#### **OPTIONAL FINISHES:**

- -B Polished Brass
- -C Rough Chrome Plated
- -D Polished Chrome Plated



- \*175 LB WWP Iron Body Gate
- \*Flanged
- \*UL8/ULC listed
- \*FMapproved
- \*Bolted bonnet
- \*Outside screw and yoke
- \*Pre-grooved stem for tamper switch mounting.
- \*175 psi non-shock cold water
- \*Approved by the New York City board of Standards and Appeals

FIG. NO. DCF607OTS



FIG. NO. DCF908W

- \*175 LB WWP iron body check
- \*Flanged
- \*UL/ULC listed
- \*FM approved
- \*Bolted bonnet
- \*Horizontal Swing
- \*Renewable seat and disc
- \*175 PSI non-shock cold water
- \*Approved by the New York City board of Standards and Appeals



**HOSE ADAPTERS** 

FIRE DEPT INLET CONNECTIONS

PORTABLE FIRE EXTINGUISHERS

ALL AVAILABLE

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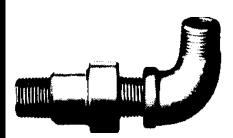


FIG. NO. DCBALLDRIP

- \*1/2" Automatic Ball Drip
- \*For installation on DCF908W
- \*Closes against pressure
- \*Opens when pressure is off, allowing water to drain from the fire department connection

#### **HOSE GATE VALVES**

#### WITH RISING STEM

**FUNCTION:** Used as a fire dept. outlet connection, designed for dry systems only. Unrestricted water way allows full flow. Suitable for use as a pump test valve.

**REGULARLY FURNISHED:** Cast brass valve with rising stem, red hand wheel. Female N.P.T. inlet × male hose thread outlet. Brass solid wedge disc and tapered set.

#### **OPTIONAL FINISHES:**

- -B Polished Brass
- -C Rough Chorme Plated
- -D Polished Chrome Plated

#### **SPECIFY** thread

Size	Pressure	A	В	Closed C	Open C	D	E	F
21/2	200 lb.	53/4	121/2	15	171/2	21/2	41/2	53/4
3x2½	300 lb.	61/4	121/2	15	18	21/2	41/2	53/4
3	300 lb.	71/2	141/2	171/2	21	3	5½	7

ALL DIMENSIONS IN INCHES

SIZE	FIG NO	PRICE
2 1/2	83703	
3X2-1/2	83704	
3		

#### WITH NON-RISING STEM

**FUNCTION:** Used as a fire dept. outlet connection, designed for dry systems only. Unrestricted water way allows full flow. Suitable for use as a pump test valve. Non-rising stem feature requires less installation space.

#### REGULARLY FURNISHED:

Cast brass valve with non-rising stem, red hand wheel. Female N.P.T. inlet × male hose thread outlet. Brass solid wedge disc and tapered seat.

#### **OPTIONAL FINISHES:**

- -B Polished Brass
- -C Rough Chorme Plated
- -D Polished Chrome Plated

#### **SPECIFY** thread

Size	Pressure	A	В	C	D	E	F
11/2*	200 lb.	5	6	71/2	1½	21/2	31/4
21/2	300 lb.	51/4	73/4	93/4	2	31/2	51/4
3x21/2	300 lb.	51/4	73/4	93/4	2	31/2	51/4

ALL DIMENSIONS IN INCHES

	SIZE	FIG NO	PRICE
Ì	1 1/2	83706	
	2 1/2		
	3X2 1/2	83708	

\*NOT U/L LISTED

#### **CAPS AND CHAINS**

**FUNCTION:** Use to cover and protect male threads on valves and hydrants. Discourages entry of foreign matter.

**REGULARLY FURNISHED:** Cast brass cap with female hose thread, pin lugs and chain.

SIZE	FIG NO	PRICE
3/4"	83709	
1"	83710	
1 1 /2"		
2 1/2"	83711	
3"	83712	
4"	83713	

#### **OPTIONAL FINISHES:**

- -B Polished Brass
- -C Rough Chrome Plated
- -D Polished Chrome Plated

**VARIATIONS:** with rocker lugs (suffix -RL)  $2\frac{1}{2}$ " and 3" size available in plastic (suffix -P)

SPECIFY: Thread.



# MACARAM

1650 BR

165° CP

212<sup>o</sup> BR

 $286^{\rm O}$  BR

**UPRIGHT** SPRINKLER HEAD

FIG. NO. PRICE

PENDANT **SPRINKLER HEAD** 

FIRE SPRINKLERS

COSCRETO		
DESC	FIG. NO.	PRICE
165 <sup>o</sup> BR	10540	
165° CP	10547	
$212^{\rm O}$ BR	36543	
212 <sup>o</sup> CP	36544	
$286^{\rm O}$ BR	37440	



DESC FIG. NO. PRICE 10560  $165^{\rm O}$  CP







10535

10542

37465

37445

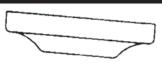
RECESSED SPRINKLER **HEAD** 

DESC	FIG. NO.	PRICE
W/ Trim	17625	
Less Trim	55982	



FLAT ESCUTCHEON

FIG. NO.	PRICE
10566	



**STANDARD SPRINKLER ESCUTCHEON** 

FIG. NO.	PRICE
10568	



**SPRINKLER HEAD GUARD** 

DESC	FIG. NO.	PRICE
Red	10570	
Chrome Plated	10572	



WILLIACII		
FIG. NO.	PRICE	
10558		



1/4"PRESSURE GAUGE VALVE

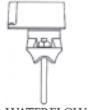
FIG. NO.	PRICE
62355	

#### SPRINKLER HEAD COLOR CODES

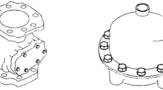
135° **BLACK** 165° **BRONZE** 212° WHITE 280° **BLUE** 360° **RED** 

CALL US FOR MORE INFORMATION!

### OTHER FIRE ACCESSORIES



WATERFLOW ALARM VALVE, DETECTORS MODEL E, MODEL F



**CHAMBER** 



MODEL D RETARD WATER MOTOR ALARM



AIR & WATER GAUGE. Designed for use on all Grunau Fire protection systems for convenient pressure readings. Scaled in both PSI and bars.

#### **CALL FOR PRICES AND AVAILABILITY**

#### FIRE STOPS

#### **SELECTION**

Firestops are comprised of three essential inter-related components: the penetrated barrier, the penetrants, and the seal used to close the opening between the penetrants and the barrier. The firestopping seal is the last of the three components to be installed. Good planning can make firestopping simpler, more cost effective and safer.

- 1. Select penetrants that have published firestop systems available.
- 2. Require a suitable annulus for installation of the appropriate firestop system.
- 3. Require sufficient spacing of penetrants from each other and other building elements.
- 4. Consider the environment of the installations and select an appropriate material and method.

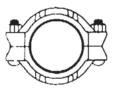
	SELECTOR GUIDE				
1	Large openings through concrete floors & walls	Cable trays Bus Duct Multiple PIpes Insulated Pipes Plastic Pipes	FIRE RATED MORTAR Series SSM	555	
2	Medium to small open- ings in all constructions	Metallic Pipes Cable Trays Multiple Pipes Plastic PIpes Loose Cables Bus Duct Insulated Pipes	INTUMESCENT SEALANT Series SSS	Spec Seal/	
3	Small to medium open- ings - all constructions	Metallic Pipes Metallic Pipes through sleeves Electrical or telephone cable	LATEX SEALANT Series LC150	(MSDESEMAN)	
4	Small openings in all constructions (easy retrofit)	Metallic Pipes Loose cables	INTUMESCENT PUTTY Series SSP	Spec Seel	
5	Combustible penetrants field fabricated	Insulated pipes Plastic Pipes	OMTUMESCENT WRAP STRIPS All wrap strips		
6	Combustible penetrants factory manufactured	Plastic pipes	INTUMESCENT COLLARS Series SSC		
7	Medium to large openings (easy retrofit)	Cable tray Power, Voice, Data cables Fan Coils	FIRESTOP PILLOWS Series SSB		
8	Large openings through concrete floors & walls	Cable trays Bus Duct Multiple pipes Insulated pipes Plastic pipes	SILICONE FOAM Series PEN200	PENSIL 200	
9	Construction joints, pipe with high temperature or movement	Metallic, steam pipes Safing & construction gaps Seismic joints	SILICONE SEALANT Series PEN300	Joint Sealant STT PENSIL 300	

SEE FOLLOWING PAGE FOR FIGURE NUMBERS AND PRICING

NOTE: Product shown is primary one to be used for application. Additional product(s) may be required.

DEE	TIC NO	FIRE STOPS	CTCT /	DDIGE
REF	FIG. NO.	DESCRIPTION	SIZE / WGHT	PRICE
1	73588	SSM 106 Firestop Mortar	6 Gal	
1	73589	SSM22B Firestop Mortar	22 lb.	
	73307	BBM 2 2B TITESCOP MOTEUT	22 10.	
	73571	SSS100 Red Latex Sealant	10.5 oz.	
2	73573	SSS102 Red Latex Sealant	2 Gal.	
	73574	SSS102 Red Latex Sealant	5 Gal.	
	73374	SSSIUS REU Latex Sealant	3 Gal.	
	73575	LC150 Green Latex Sealant	10.5 oz.	
3			2 Gal.	
		LC152 Green Latex Sealant		
	73577	LC155 Green Latex Sealant	5 Gal.	
4	73581	SSP100 Instrumescent Putty Tube		
1	73361	SSF100 Instrumescent Futty lube		
5	74932	SSWRED Intumescent Red Wrap		
3	71732	bb w RED Thrumescent Red Wrup		
	73582	SSC151 1 1/2" Instrumescent Collar		
	73584	SSC202 2" Instrumescent Collar		
6	73585	SSC301 3" Instrumescent Collar		
	73586	SSC400 4" Instrumescent Collar		
	73587	SSC600 6" Instrumescent Collar		
	73307	bbcoo o mistrameseent corrar		
	73590	SSB14 Firestop Pillow	1x4x9	
		SSB24 Firestop Pillow	2x4x9	
7	73592	SSB26 Firestop Pillow	2x6x9	
	75850	•	3x6x9	
	7 3 6 3 0	SSB36 Firestop Pillow	JAUXJ	
8	83964	PEN200 Silicone Foam	100 lb.	
0	03701	I LIV Z O O DITICON C PO a III	100 10.	
	73578	PEN 300 Silicone Sealant	10.3 oz.	
	73579	PEN 302 Silicone Sealant	2 Gal.	
9	73580	PEN 305 Silicone Sealant	5 Gal.	
	, 3360	LLIV J O J BILLCOME BEALAMI	J Gai.	

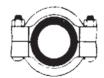
### COUPLINGS FOR GROOVED-END PIPE



Standard coupling



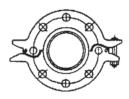
Hingelok Coupling



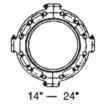
Reducing Coupling



Gruvlok 300# flange



2" -- 12"



**GROOVED END FITTINGS** 



90 Deg. Bend



45 Deg. Bend



22 1/2 Deg. Bend



11 1/4 Deg. Bend

Gruvlok Flange



Long radius 90 deg. elbow



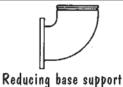
Long radius 45 deg. elbow



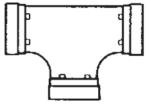
Groove X M 90 deg. elbow



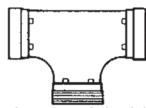
Groove X M 45 deg. elbow



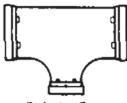
elbow



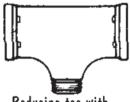
Groove Tee



Groove tee with threaded branch



Reducing Tee



Reducing tee with threaded branch





Reducer, threaded, small end



Eccentric reducer



Steel swaged nipple

#### **GROOVED END FITTINGS**



Adapter Nipple GrxGr

FIG. NO.	PRICE
D7080	



Hose Nipple

FIG. NO.	PRICE
D7086	



Adapter Nipple GrxMPT

FIG. NO.	PRICE
D7081	

**Bullhead Tee** 

PRICE

FIG. NO.

D7062



Adapter Nipple GrxBEV

FIG. NO.	PRICE
D7082	

**Bull Plug** 

PRICE

FIG. NO.

D7075



Di-Electric Nipple (GrxMPT)

FIG. NO.	PRICE
D7088	



Di-Electric Nipple (GRXGR)

FIG. NO.	PRICE
D7089	



Cab

Vap		
FIG. NO.	PRICE	
D7074		



Tee Wye

FIG. NO.	PRICE
D7066	



Reducing Tee

FIG. NO.	PRICE
D7067	



Lateral

FIG. NO.	PRICE
D7069	



PRICE

FIG. NO.

D7068

True Wye

FIG. NO.	PRICE
D7071	



Reducing Lateral

FIG. NO.	PRICE
D7070	



Standpipe Tee

FIG. NO.	PRICE
D7065	



Grooved end check

Valvo		
FIG. NO.	PRICE	
D7800		



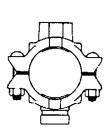
Grooved end strainer

FIG. NO.	PRICE
D7260	

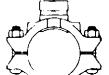


Gruvlok suction diffuser

uiiiusoi		
FIG.	NO.	PRICE
D7	250	

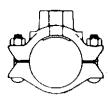


Clamp-T Cross



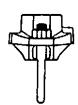
Grooved outlet mid pipe outlet

FIG. NO.	PRICE
D7046	



FPT outlet mid pipe outlet

FIG. NO.	PRICE
D7045	



Clamp-T with U-bolt

FIG. NO.	PRICE
D7044	



Thread X Thread

FIG. NO.	PRICE
D7047	

Groove X Groove

FIG. NO.	PRICE
D7048	

Groove X Thread

FIG. NO.	PRICE
D7049	

# FIRE HOSE, FITTINGS AND ACCESSORIES 300# SINGLE JACKET ALL POLYESTER FIRE HOSE

300 PSI PROOF PRESSURE 150 PSI SERVICE TEST PRESSURE 135 PSI WORKING PRESSURE





UNCOUPLED - per foot

COUPLED - per 50' length

SIZE	FIG. NO.	PRICE
1 1/2"		
2"	11348	
3"	11352	
4"		

SIZE	FIG. NO.	PRICE
1 1/2"	11354	
2"		
3"		
4"		
4		

#### FIRE HOSE NOZZLE

Brass

Female with washers



SIZE	FIG. NO.	PRICE
3/4X6	4781	
1X8	4793	
1 1/2X10	55282	

#### FOG NOZZLE

With rubber bumpers



SIZE	FIG. NO.	PRICE
1 1/2 IPT	63888	
1 1/2 NST	63889	

#### BUCKLEY STYLE FIRE HYDRANT ADAPTER/REDUCER

Cast brass with washer Pin lug



SIZE	FIG NO
2-1/2" FNST X 3/4" GH	63893
2-1/2" FNST X 1-1/2" IPT	63894
2-1/2" FNST X 1-1/2" NST	63895
2-1/2" FNST X 2" IPT	63896

# NOTE: MUST SPECIFY HYDRANT THREAD SIZE WHEN ORDERING SIZES FROM 1 1/2 TO 4" NST AVAILABLE FOR HYDRANT ADAPTER

#### HYDRANT WRENCH

5 hole Cast Iron





#### SPANNER WRENCH

For pin lug couplings Cast Iron



4589	
4593	
4596	
4598	
	4593 4596

# How to Order

Submit your order online or email info@duffco.com

Be sure to include product numbers descriptions quantities

Don't forget to include your name!

## **DUFF SUPPLY COMPANY**

WATER TREATMENT EQUIPMENT - PUMPS - PLUMBING - HEATING - INDUSTRIAL SUPPLIES - PUMPS STEAM SPECIALTIES - PIPE - VALVES - FITTINGS - SOFTENERS - FILTERS

201 EAST LAFAYETTE STREET, P.O. BOX 618, NORRISTOWN, PA 19401 PHONE: 610-275-4453 FAX: 610-279-6299



SOLD TO:		SHIP TO:	SHIP TO:		
YOUR NAM	ИЕ:	PURCHASE ORDI	ER NO		
TODAY'S I	DATE:	REQUIRED DATE	D:		
QTY	FIG. NO.	DESCRIPTION	PRICE/EA	TOTAL	
				-	
		The second secon			



TERMS: NET -  $10^{TH}$  OF MONTH FOLLOWING PURCHASE WE WILL PREPAY AND ADD FREIGHT FOR ALL ORDERS SHIPPED UPS OR COMMON CARRIER

Products for Quality Water

All accounts are to be paid in full to Duff Supply Company monthly by the tenth (10th) day of the month following invoice date, a 1% service charge and a 1% interest charge will be made on any balance open at the end of the month following invoice, and in the event that legal action or lien be undertaken, or the service of a collection agency are used to collet this account, the customer shall pay all expenses incurred by Duff Supply Company, such as, but not limited to, costs and collection, legal and lien fees.

QTY	FIG. NO.	DESCRIPTION	PRICE/EA	TOTAL
·				
(22Wile)				



Thank You for your business!





## **DUFF COMPANY**

201 East Lafayette Street Norristown, PA 19401



Phone: **610-275-4453** Fax: **610-279-6761** 

Legal Name		
Name in which business is conducted		
Billing Address		
City	State	Zip
Purchasing Phone	A/P Phone	Fax
Principal's Name	****	
Principal's Address		
City	State	Zip
Phone (Office)(Cell	)	E-mail address
Website address (If applicable)		
Primary Contact	Title	
	IPPING ADDRESS - IF DI	FFERENTPhone
City	State	Zip
Tax Exempt Number Exempt Account without certification.	Provide a co	py of Certificate. We CAN NOT set up a Tax
	TYPE OF BUSINES	S
Hospital Factory (OEM) Fa	actory (Mtnd)	Hotel or Apts Well Drilling Office Building Shopping Center Other (Please name)
Have you been contacted by one of our sal	esman?Name_	
If YES, please explain		
Name of person authorized to pick up		
D&B Rating Check one: Corpo	oration Partr	nership Individual Proprietor
If division of another company, name pare	nt company and relation	onship

## **DUFF COMPANY**

201 East Lafayette Street, Norristown, PA 19401

#### TRADE REFERENCES

Name		Type of business	
Address			
			Zip
Phone		Fax	
_		****	
Name		Type -	of business
			Zip
		****	
Name		Туре	of business
			Zip
•			-11
1110113		****	
Bank reference	e		
			Zip
•			·
In consideration of application is corre that a 1% service of in the event that le expenses incurred b	f your opening the above accou ect, that all accounts are to be pa charge and a 1% interest charge legal action or lien be taken, or t by the Duff company, such as, b	unt and/or extended credit, the undersigned heald in full to Duff Company monthly by the toge will be made an any balance open at the enthe service of a collection agency are used to but not limited to, collection fees, costs and leg	hereby agrees that all information supplied in this tenth day of the month following the invoice date, and of the month following invoice date, and that to collect this account, the undersigned shall pay all
_	ne of Account)		
,			
The undersigne for good and valua prompt (within ter the applicant by Du	able consideration, hereby jointl rms) payments of all bills and oth	and_ tly, severally and personally unconditionally gu ther obligations (as set forth above) of the app	uarantee, warrant and promise the full and plicate in connection with any credit extended to
Principal	Witness	Principal's Spouse	Witness
Principal	Witness	Principal's Spouse	Witness
We routinely fax	x invoices to our customers.	Please provide a fax number where we of PLEASE FAX FORM TO 610-275-6761	can send invoices
*As appropriate, we	may also require the guarantee of	f a principal and, in some cases, the principal's spou	use.
		For Duff Company Use Only	
		Contact:	
		General ManagerClass:	
Jaicsillaii		Date Approved:	_ Controller.