

# FEBCO

## 850/ LF850/ 850B/ 850U

## 870/ 870V/ LF870V

### SIZE

1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10"

### DESCRIPTION

This is a double check assembly. The 1/2"-2" sizes began production in 1997. The body is made of bronze and utilizes an in-line modular check design. In 2010 the 850LF was introduced in sizes 1/2"-2" constructed of lead free bronze. The rubber repair parts in the 1/2"-2" sizes are the same in the leaded and lead free bronze assemblies. The check modules are made of glass filled noryl and held in the body by a retainer. The model 850U incorporates a union end ball valve on the model 850. In 2000 the model 850B was developed as a bypass for the model 831, 856, and 876. Production on sizes 2 1/2"-10" began in 1993. The body is made of ductile iron which is fused epoxy coated. Check springs are contained when the cover is removed. Check seats are replaceable. The internal check mechanism is a swing check design with the internal parts made mostly of bronze. The check disc utilizes a vulcanized clapper plate design of elastomer seal. The difference between the models is in the shape of the body. The 850 model is a straight horizontal configuration. The 870 is known as the N shape. The piping comes up from the bottom on the inlet and goes down out of the outlet to give it a compact installation feature. The 870V is a vertically oriented assembly where the piping comes up into the inlet and then goes horizontally through the check mechanism. The outlet continues to go up out of the outlet check to give it a vertical orientation. The models 850, 870, and 870V were discontinued in 2013. In 2011 the LF 850 and LF 870V were introduced. The internal check mechanism was changed to a lead free design. The previous leaded bronze items were changed to stainless steel or other lead free materials. The internal check utilizes a silicone rubber disc instead of the vulcanized clapper plate as in the earlier 850, 870, and 870V design, therefore requiring a different repair kit.

### BASIC REPAIR KIT

The kit contains clapper plates or discs and O-rings

<u>SIZE</u>	<u>850/U KIT NO</u>	<u>870/870V KIT NO</u>	<u>LF850 KIT NO</u>	<u>LF870 KIT NO</u>
1/2"-3/4"	905342	-	905342	-
1"	905343	-	905343	-
1 1/4"-2"	905344	-	905344	-
2 1/2"-3"	905249	905162	905490	905490
4"	905163	905163	905491	905491
6"	905164	905164	905492	905492
8"	905165	905165	905493	905493
10"	905165	905166	905493	905166

### IMPORTANT FEATURES

- ~Variable installation configuration
- ~ductile iron body
- ~Fused epoxy coated
- ~Contained springs
- ~Replaceable seats



# SPECIFICATION SHEET MODEL 850 (1/2" - 2")



BACKFLOW PREVENTION

## DOUBLE CHECK ASSEMBLY

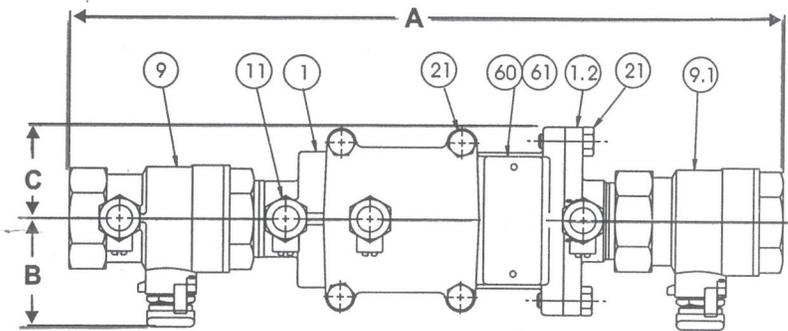
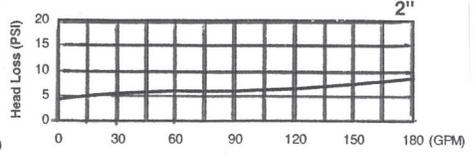
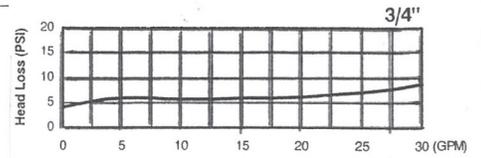
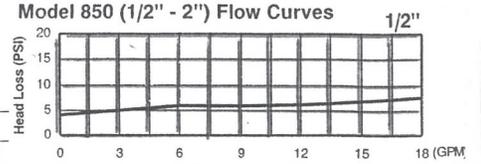
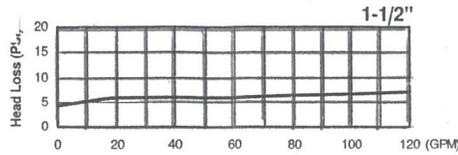
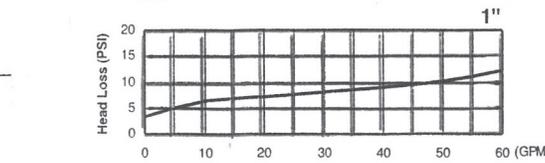
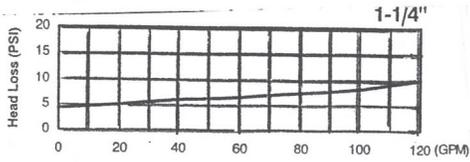
### Characteristics

#### Physical Properties

- Size ————— 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
- Max. Working Pressure — 175 PSI (1200 KPa)
- Hydrostatic Test Press. — 350 PSI (2400 KPa)
- Temperature Range — 32°F to 140°F (0°C to 60°C)
- End Connections — Threaded ANSI B2.1

#### Materials

- Valve Body ————— Bronze
- Valve Body: ————— Lead Free\* cast copper silicon alloy
- Elastomers ————— Silicone
- Springs ————— Stainless Steel
- Elastomers ————— Silicone
- Springs ————— Stainless Steel



### Dimensions and Weights

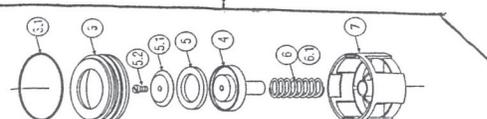
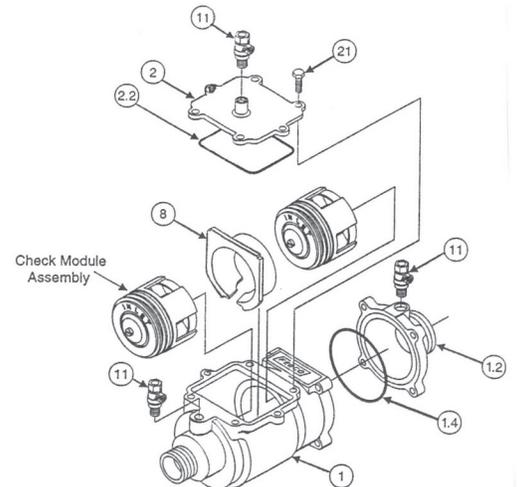
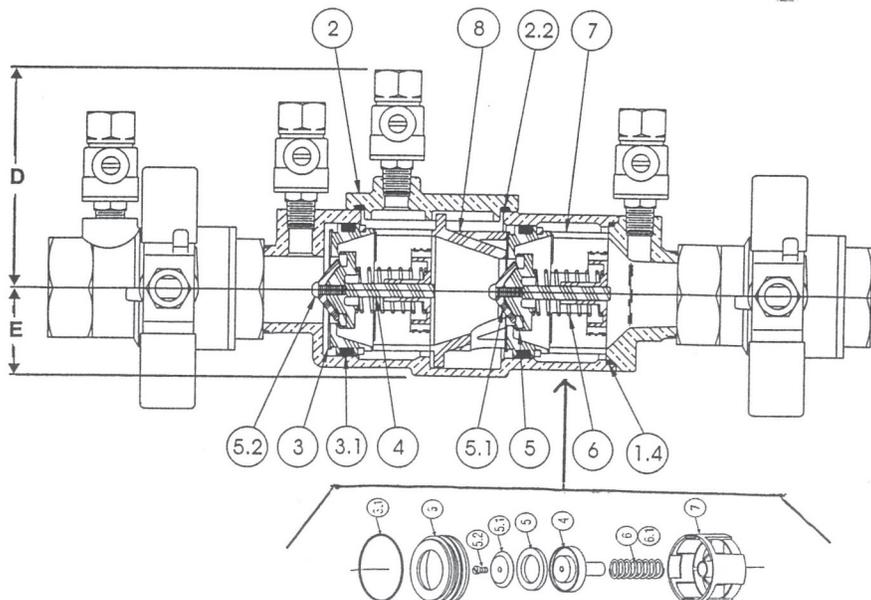
(U.S. - Inches)						
SIZE	A	B	C	D	E	NET WT. (Lbs.)
1/2	10	1 1/2	1 1/2	3 1/8	1 1/4	4.2
3/4	10 3/4	1 1/2	1 1/2	3 1/8	1 1/4	4.4
1	12 1/2	1 7/8	1 5/8	3 3/8	1 1/2	6.8
1 1/4	15 7/8	3	2 1/2	4 1/4	2 1/4	15.8
1 1/2	16 3/8	3	2 1/2	4 1/4	2 1/4	16.2
2	17 5/8	3 1/2	2 1/2	4 1/4	2 1/4	21.1

Note: Dimensions are nominal. Allowances must be made for normal manufacturing tolerances.

ITEM	DESCRIPTION	MATERIALS
1	Body	Bronze
1.2	Tailpiece	Bronze
1.4	O-Ring	Silicone
2	Cover	Bronze
2.2	O-Ring	Silicone
3	Seat	Noryl
3.1	O-Ring	Silicone

ITEM	DESCRIPTION	MATERIALS
4	Poppet	Noryl
5	Seat Disc	Silicone Rubber
5.1	Disc Retainer	Noryl
5.2	Rnd HD Screw	Phillips, 18-8 SS
6	Spring	SS
7	Guide	Noryl
8	Retainer Spacer	Noryl

ITEM	DESCRIPTION	MATERIALS
9	Ball Valve	Bronze
9.1	Ball Valve	Bronze
11	Test Cock	Bronze
21	Hex HD Capscrew	18-8 SS
60	Identification Plate	Brass
61	Drive Screw Stick	SS



CHECK MODULE 7-57

### Characteristics

#### Physical Properties:

- Size of Mainline — 2 1/2", 3", 4", 6", 8", & 10"
- Max. Working Pressure — 175 PSI
- Hydrostatic Test Press. — 350 PSI
- Temperature Range — 32°F to 140°F  
(0°C to 60°C)
- End Connections — Flanged ANSI B16.1  
Class 125

#### Materials:

- Main Valve Body — Ductile iron ASTM A536  
Grade 65-45-12
- Coating — Fusion epoxy coated  
internal and external  
AWWA C550-90
- Shut Off Valves — NRS resilient wedge  
AWWA C509  
gate valves
- Trim — Bronze ASTM B584  
Alloy C83600
- Elastomers — EPDM
- Spring — Stainless steel

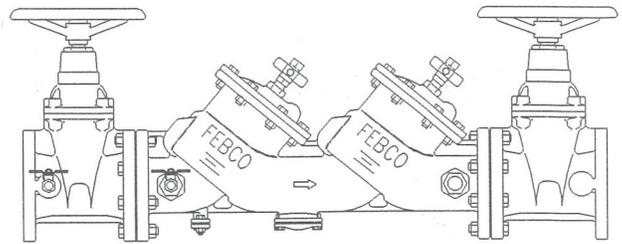
### Dimensions and Weights

Size: 2 1/2" - 10" (65 - 250mm)

SIZE (DN)		DIMENSIONS										NRS		OS&Y			
in.	mm	A		B		C*		D		G		H		lbs.	kgs.	lbs.	kgs.
2 1/2	65	40%	1035	25 1/2	648	12%	321	10	254	4 1/2	114	7 1/2	181	199	90	203	92
3	80	41%	1064	25%	651	12%	327	10	254	4 1/2	114	7 1/2	181	199	90	203	92
4	100	46%	1175	28	711	14%	365	10 1/2	257	5 1/2	140	8 1/2	206	288	131	312	142
6	150	56	1422	34%	883	18%	479	12%	324	6 1/2	165	9%	251	450	204	494	224
8	200	65	1651	41%	1061	23 1/2	597	15%	397	7	178	11%	283	711	323	773	351
10	250	72%	1845	46%	1178	27 1/2	699	15%	397	9	229	12%	314	980	445	1080	490

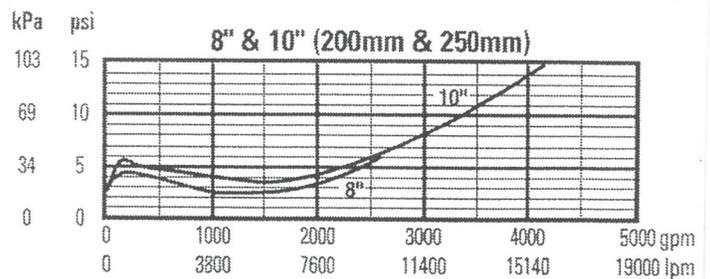
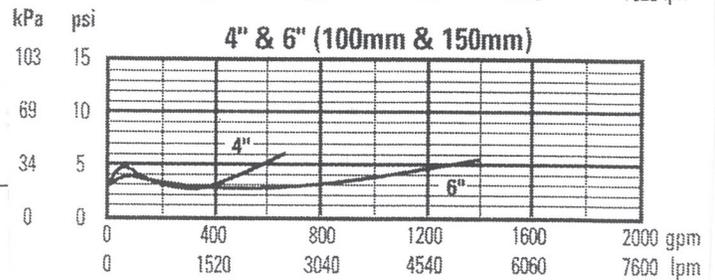
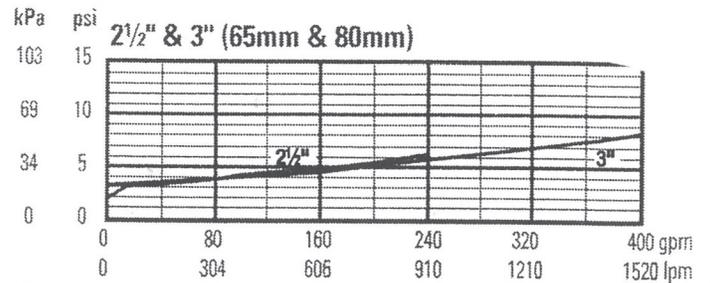
\* With NRS Gate Valves

Note: Dimensions shown are nominal. Allowances must be made for normal manufacturing tolerances.

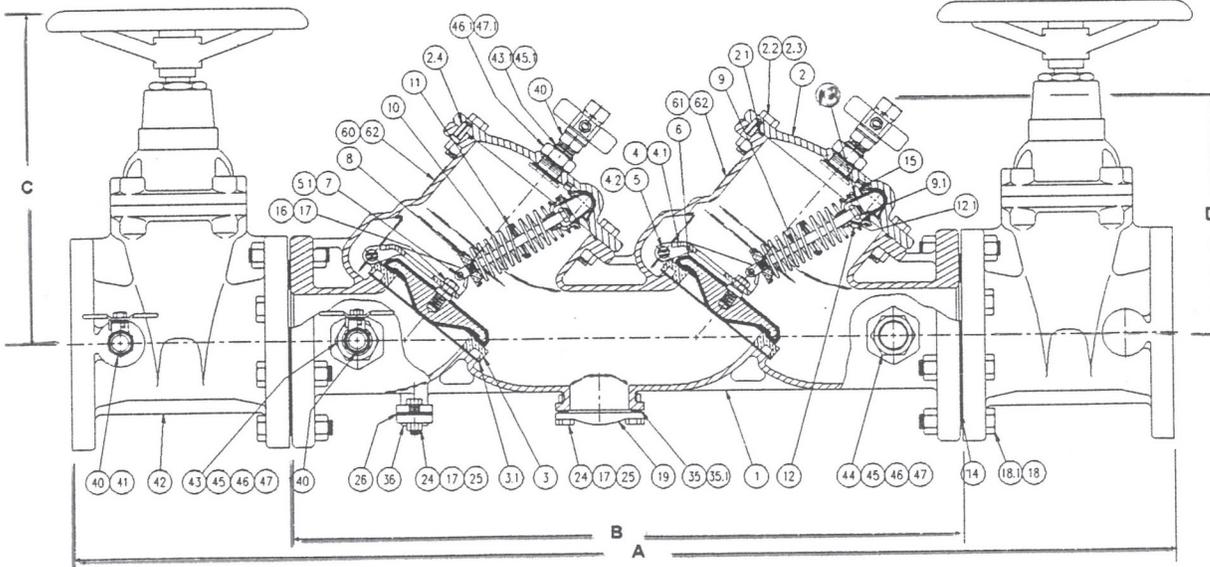


MODEL 850 DOUBLE CHECK ASSEMBLY

### Capacity



### Model 850



- 1 Body
- 2 Cover
- 2.1 Cover O'Ring
- 2.2 - 2.3 Nut & Bolt
- 2.4 Cover Pin
- 3 Ck Seat
- 3.1 Ck Seat Gskt
- 4 Arm
- 4.1 Bushing
- 4.2 Swing Pin
- 5.0 - 5.1 Ret Clip
- 6 Ck Disc
- 7 Pin
- 8 - 12 Ck Spring
- 13 Pivot Bearing
- 14 Gasket
- 15 Bearing Socket
- 16 Nut
- 17 Washer
- 18 - 18.1 Nut & Bolt
- 19 Blank Cover
- 24 - 25 Bolt
- 26 Gasket
- 35 O'Ring
- 36 Blank Cover
- 40 Test Cock
- 41 Nipple
- 42 Shut Off
- 43 - 47 Bulkhead Ftg
- 60 - 62 Name Plate

**LEAD FREE\***

# MasterSeries® LF850

## Double Check Valve Assemblies

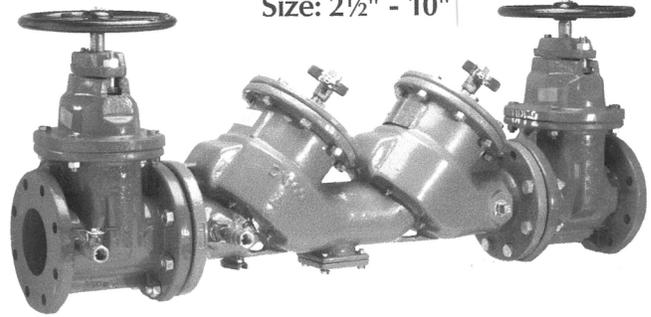
### Materials

Below is a general materials list of the Model LF850. All assemblies size 2½" through 10" is similar in materials and construction. Please contact your local FEBCO Representative if you require further information.

- Main Valve Body: Ductile iron Grade 65-45-12
- Coating: Fusion epoxy coated internal and external AWWA C550
- Shutoff Valves: NRS resilient wedge gate valves AWWA C509 (Standard) OSY resilient wedge gate valves AWWA C515 (UL/FM)
- Check Seats: Stainless Steel
- Disc Holder: Stainless Steel
- Elastomer Disc: Silicone
- Spring: Stainless Steel
- Clamp: AWWA C606 (10" Only)

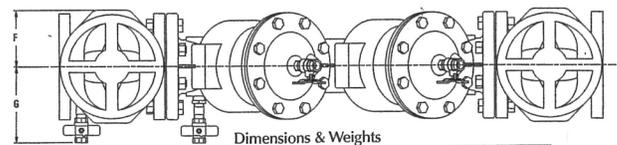
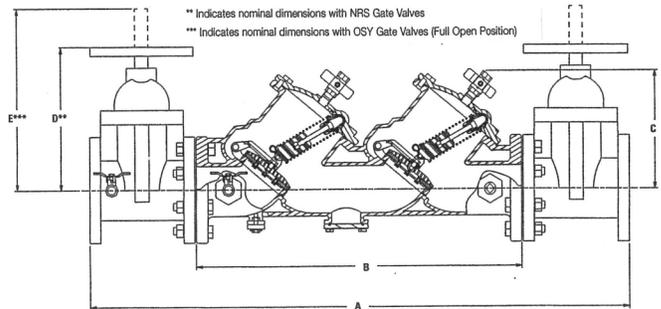
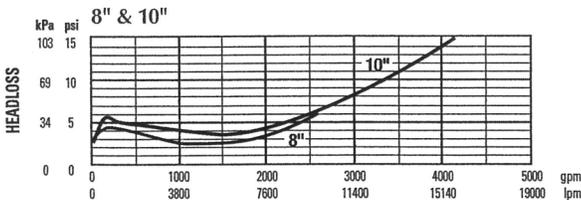
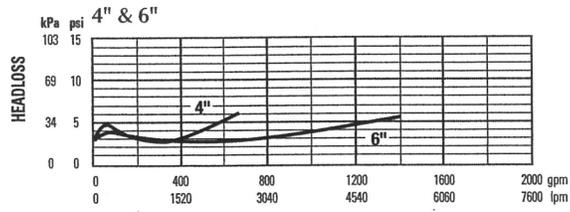
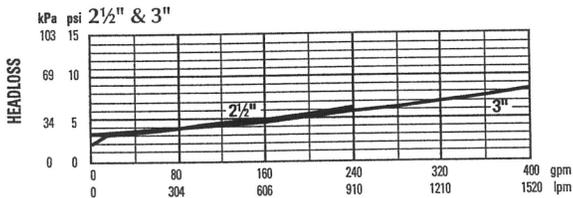
Model LF850 Double Check Assembly

Size: 2½" - 10"



### Pressure – Temperature

- Max. Working Pressure: 175psi (12.1 bar)
- Min. Working Pressure: 10psi (0.7 bar)
- Hydrostatic Test Pressure: 350psi (24.1 bar)
- Hydrostatic Safety Pressure: 700psi (48.3 bar)
- Temperature Range: 33°F - 140°F (0.5°C - 60°C) Continuous

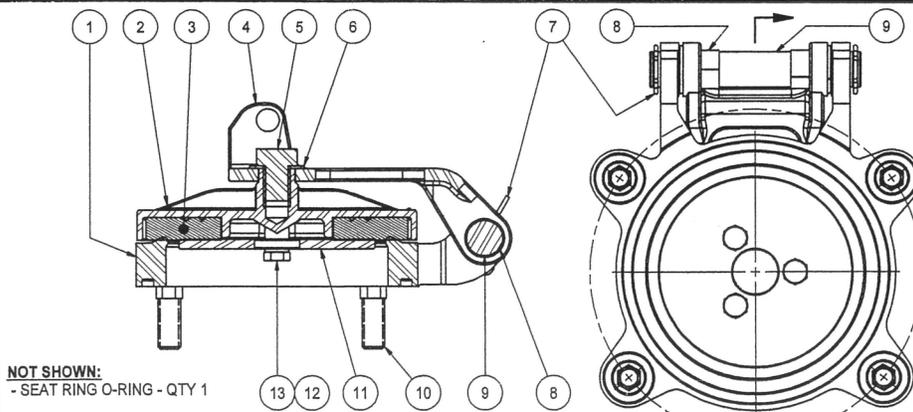
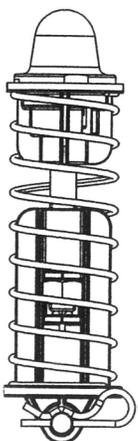


### Dimensions & Weights

Below are the nominal dimensions and physical weights for the Model LF850 size 2½" through 10". Allowances must be made for normal manufacturing tolerances. Please visit our website to download a copy of this product's installation instructions, or contact your local FEBCO Representative for more information.

LF850 SIZE	DIMENSIONS												WEIGHT***					
	A		B		C		D**		E***		F		G		NRS	OSY		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.	lbs.	kg.	
2½	40¾	1035	25½	648	10	254	12¾	321	16¾	416	4½	114	7¼	181	226	103	230	104
3	41¾	1064	25¾	651	10	254	12¾	327	22¼	565	4½	114	7¼	187	252	114	256	116
4	46¼	1175	28	711	10¼	257	14¾	365	23¾	591	5½	140	8¼	206	311	141	323	147
6	56	1422	34¾	883	12¾	324	18¼	479	30¾	765	6½	165	9¼	251	478	217	498	226
8	65	1651	41¾	1061	15¾	397	23¾	597	37¾	959	7	178	11¼	283	781	354	809	367
10	72¾	1845	49¾	1178	15¾	397	27¼	699	48	1219	9	229	12¾	314	1179	535	1217	552

\*\*\* Indicates weight of complete Backflow Assemblies with specified Gate Valves



**NOT SHOWN:**  
 - SEAT RING O-RING - QTY 1  
 - STUD O-RINGS - QTY 4  
 - REPLACES GASKET \*

**NOTE:** THE SINGLE DISC SA (ITEMS 2, 3, 11, 12 & 13) REPLACES ALL VARIETIES OF THE OLD OVERMOLDED DISCS.

PARTS LIST	
ITEM	DESCRIPTION
1	SEAT RING 2-1/2" & 3"
2	DISC HOLDER 2-1/2" & 3"
3	DISC 2-1/2" & 3"
4	ARM 2-1/2" & 3"
5	HHCS 3/8-16UNC-2Bx.50
6	WASHER, .375 ID X .75 OD X .041
7	HAIRPIN CLIP
8	BUSHING-SWING PIN
9	SWING PIN
10	HEX STUD 5/16-18 x 1-1/4
11	DISC RETAINER 2-1/2" & 3"
12	#10 SPLIT LOCK WASHER
13	HH MACH SCREW #10-24UNCx3/8

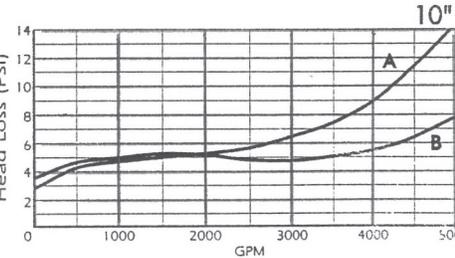
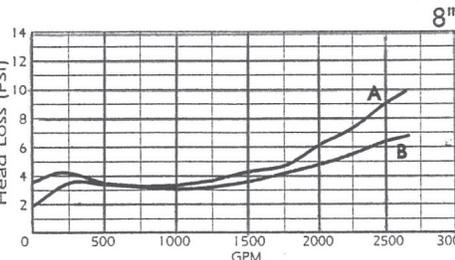
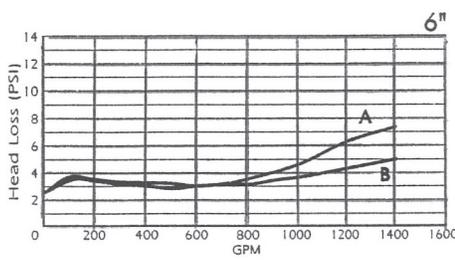
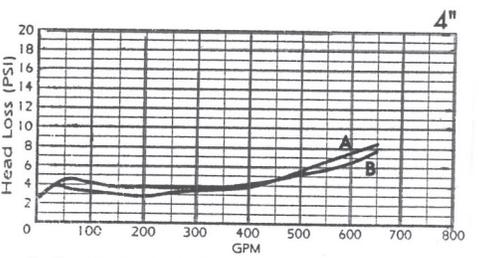
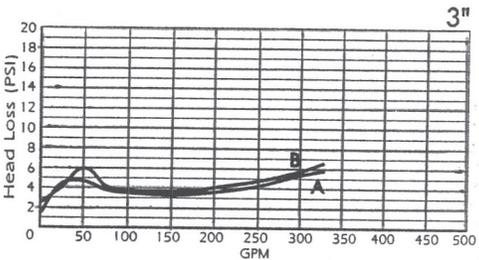
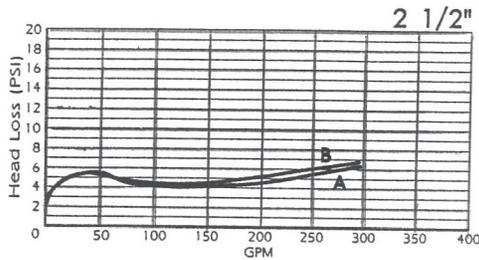
## LF850 Check Mechanism

# SPECIFICATION SHEET MODEL 870



## DOUBLE CHECK ASSEMBLY

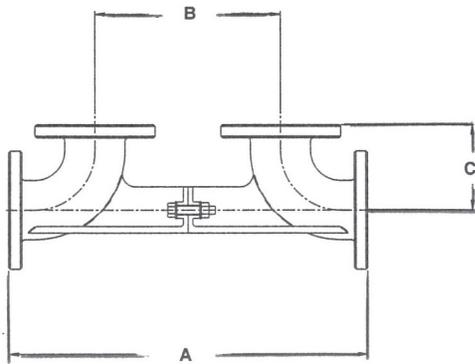
### Flow Curves Model 870



A - Vertical orientation (model 870V)  
B - Standard orientation (model 870)

The 6", 8", and 10" flow curves (B only) include the FEBCO valve setter model 611.

### Valve Setter Flange by Flange



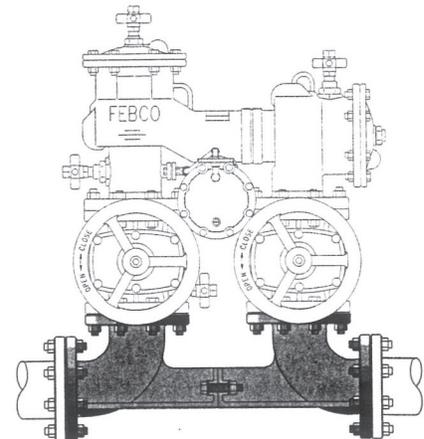
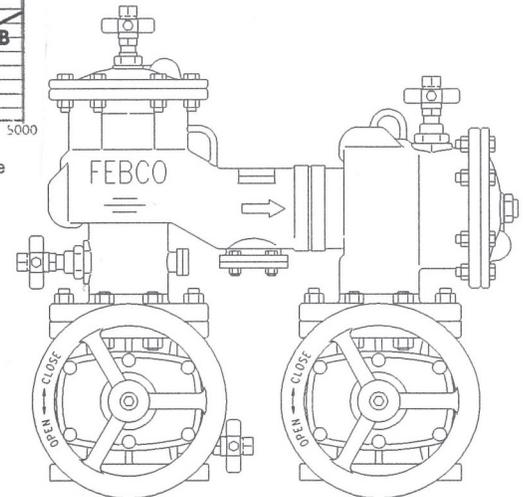
Dimensions FL x FL	2 1/2"	3"	4"	6"	8"	10"
A	23 1/2"	23 1/2"	27"	32"	36 1/2"	43"
B	12 1/2"	12 1/2"	14"	16"	18 1/2"	21"
C	5 1/2"	5 1/2"	6 1/2"	8"	9"	11"
Weight Lbs	73	73	100	144	228	310

### Physical Properties

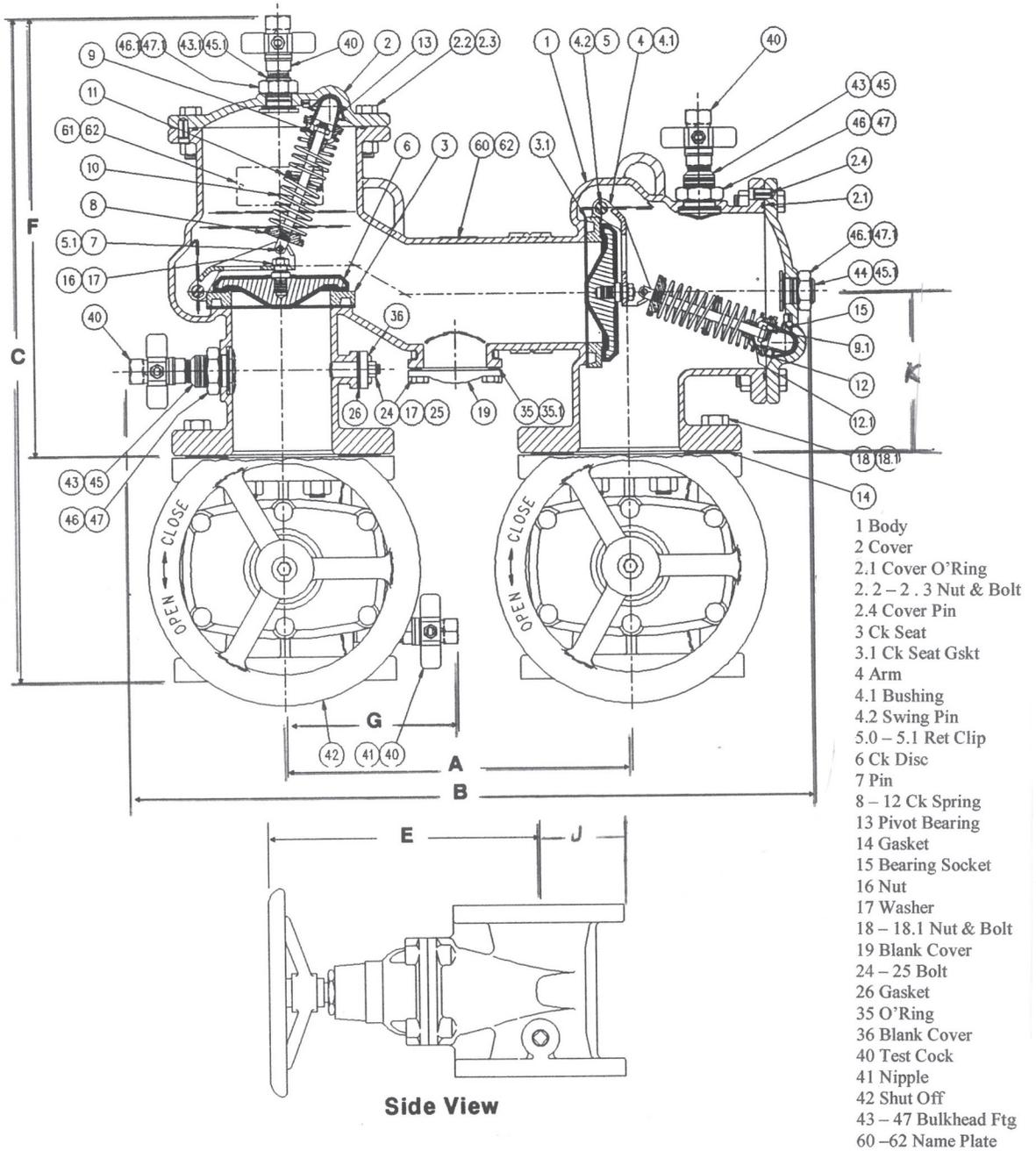
- Size of Mainline — 2 1/2", 3, 4", 6", 8", & 10"
- Max. Working Pressure 175 PSI (1200 KPa)
- Hydrostatic Test Press. 350 PSI (2400 KPa)
- Temperature Range — 32°F to 140°F  
(0°C to 60°C)
- End Connections — Flanged ANSI B16.1  
Class 125

### Materials

- Main Valve Body — Ductile iron ASTM A536  
Grade 65-45-12
- Coating — Fusion epoxy coated  
internal and external  
AWWA C550-90
- Shut Off Valves — NRS and OS&Y resilient  
wedge AWWA C509  
gate valves
- Trim — Bronze ASTM B584  
Alloy C83600
- Elastomers — EPDM
- Spring — Stainless steel



# Model 870



## Dimensions - Weights

Size: 2½" - 10" (65 - 250mm)

SIZE (DN)		DIMENSIONS										WEIGHT													
A		B		C		E NRS		E1 OS&Y*		F		G		J		K		M		NRS		OS&Y			
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kgs.	lbs.	kgs.		
2½	65	12½	318	25¾	654	24¼	616	12½	321	16¾	416	16¾	422	6¼	159	3½	89	13¾	346	27¼	692	190	86	200	91
3	80	12½	318	25¾	654	24¾	629	12½	327	22¼	565	16¾	422	6¼	159	3¾	95	14½	359	28¼	718	260	118	270	123
4	100	14	356	27¾	708	26¾	680	14¾	365	23¼	591	17¾	451	7	178	4½	114	15½	394	31	787	300	136	320	145
6	150	16	406	32¼	819	32¼	819	18¾	497	30⅞	765	21⅞	548	8	203	5½	140	18¾	473	37¼	946	460	209	500	227
8	200	18½	470	37½	953	36¾	924	23½	597	37¾	959	24¾	632	9¼	235	6¾	172	20¾	527	41½	1054	780	354	840	381
10	250	21	533	42½	1080	40¾	1035	27½	699	48	1219	27½	699	10	254	8	203	24	610	48	1219	1320	599	1450	658

\*OS&Y OPEN

Weights do not include risers or optional valve setter.  
 Note: Dimensions shown are nominal. Allowances must be made for normal manufacturing tolerances.  
 Refer to Specification Sheet ES-F-611 for details on valve setter.



## DOUBLE CHECK ASSEMBLY

### Materials

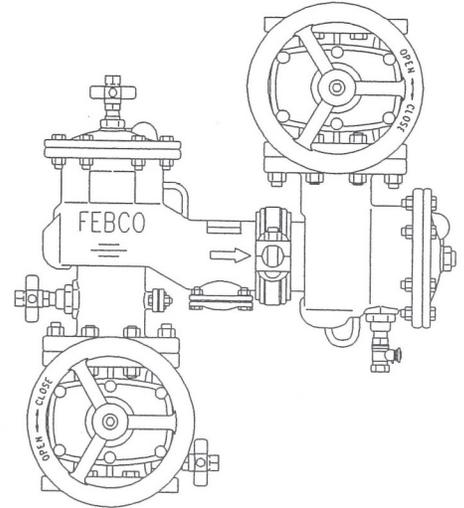
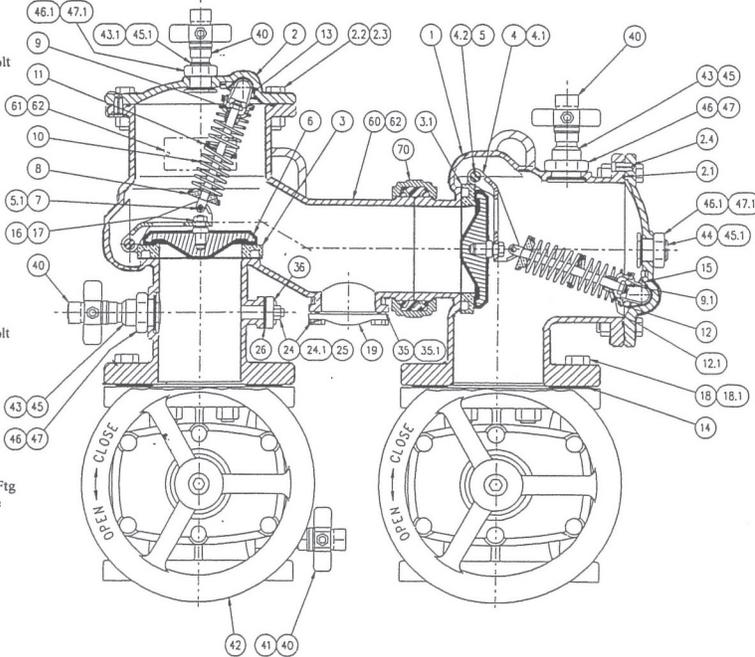
Main Valve Body:	Ductile iron Grade 65-45-12
Coating:	Fusion epoxy coated internal and external AWWA C550-90
Shutoff Valves:	NRS and OS&Y resilient wedge gate valves AWWA C509
Trim:	Bronze
Elastomer Discs:	EPDM
Spring:	Stainless steel

U.S. Patent No. 4,989,635  
U.S. Patent No. 5,107,888

### Pressure - Temperature

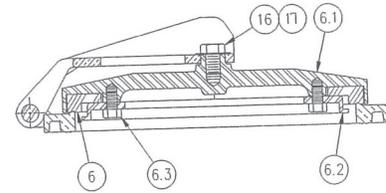
Max. Working Pressure:	175psi (12.1 bar)
Hydrostatic Test Press:	350psi (24.1 bar)
Temperature Range:	32°F to 140°F (0°C to 60°C)

- 1 Body
- 2 Cover
- 2.1 Cover O'Ring
- 2.2 - 2.3 Nut & Bolt
- 2.4 Cover Pin
- 3 Ck Seat
- 3.1 Ck Seat Gskt
- 4 Arm
- 4.1 Bushing
- 4.2 Swing Pin
- 5.0 - 5.1 Ret Clip
- 6 Ck Disc
- 7 Pin
- 8 - 12 Ck Spring
- 13 Pivot Bearing
- 14 Gasket
- 15 Bearing Socket
- 16 Nut
- 17 Washer
- 18 - 18.1 Nut & Bolt
- 19 Blank Cover
- 24 - 25 Bolt
- 26 Gasket
- 35 O'Ring
- 36 Blank Cover
- 40 Test Cock
- 41 Nipple
- 42 Shut Off
- 43 - 47 Bulkhead Ftg
- 60 - 62 Name Plate
- 70 Body Clamp

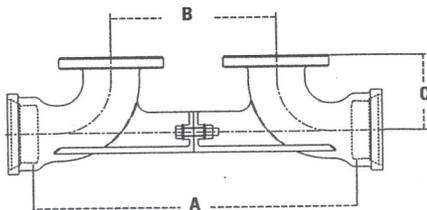


**MODEL 870V DOUBLE CHECK ASSEMBLY**  
(Shown in vertical position.)

10" Disc Assembly (250mm)



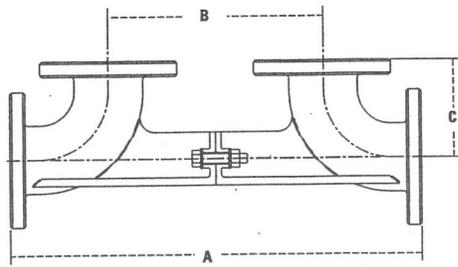
## Series 611 Valve Setter



Dimensions - Weights **MJ X FL**

Size: 3" - 10" (80 - 250mm)

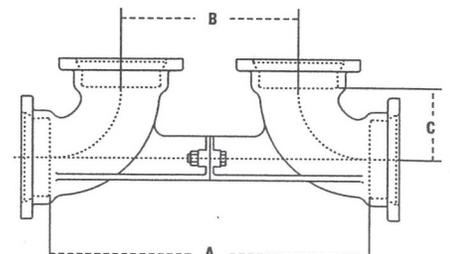
SIZE (DN)		DIMENSIONS						WEIGHTS	
in.	mm	A		B		C		lbs.	kgs.
3	80	2 1/2	546	12 1/2	318	5 1/2	140	69	31.3
4	100	24	610	14	356	6 1/2	165	96	43.5
6	150	29	737	16	406	8	203	152	68.9
8	200	33 1/2	851	18 1/2	470	9	229	216	98.0
10	250	40	1016	21	533	11	279	288	130.6



Dimensions - Weights **FL X FL**

Size: 2 1/2" - 10" (65 - 250mm)

SIZE (DN)		DIMENSIONS						WEIGHTS	
in.	mm	A		B		C		lbs.	kgs.
2 1/2	65	23 1/2	597	12 1/2	318	5 1/2	140	73	33.1
3	80	23 1/2	597	12 1/2	318	5 1/2	140	73	33.1
4	100	27	686	14	356	6 1/2	165	100	45.4
6	150	32	813	16	406	8	203	144	65.3
8	200	36 1/2	927	18 1/2	470	9	229	228	103.4
10	250	43	1092	21	533	11	279	310	140.6



Dimensions - Weights **MJ X MJ**

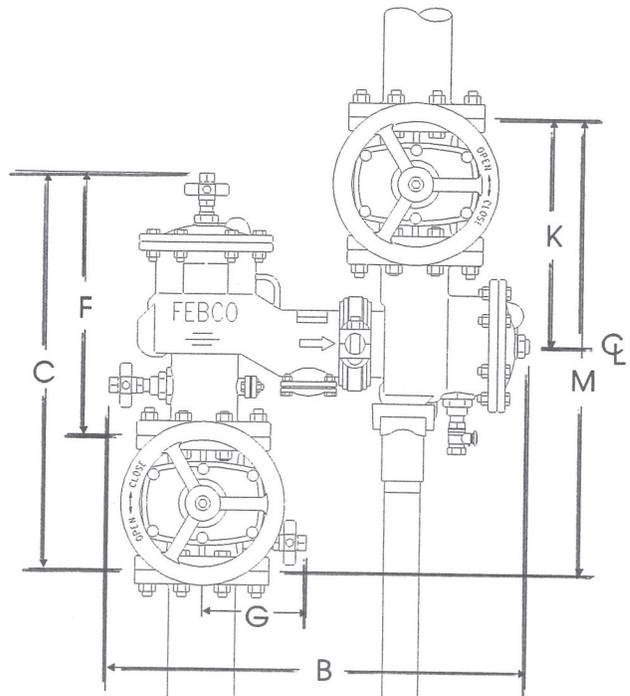
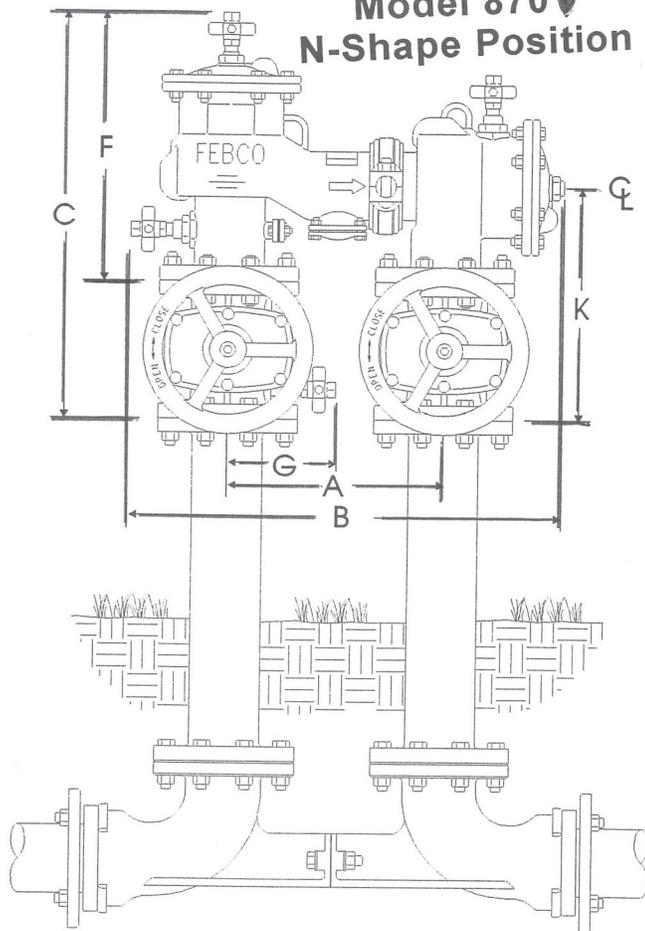
Size: 3" - 10" (80 - 250mm)

SIZE (DN)		DIMENSIONS						WEIGHTS	
in.	mm	A		B		C		lbs.	kgs.
3	80	2 1/2	546	12 1/2	318	4 1/2	114	69	31
4	100	24	610	14	356	5	127	96	44
6	150	29	737	16	406	6 1/2	165	152	69
8	200	33 1/2	851	18 1/2	470	7 1/2	191	216	98
10	250	40	1016	21	533	9 1/2	241	288	131

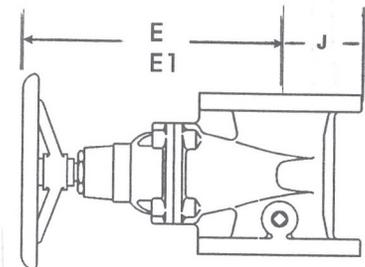
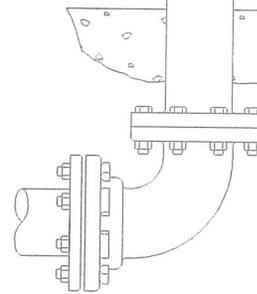
**NOTICE**

Dimensions shown are nominal. Allowances must be made for normal manufacturing tolerances.

## Model 870V N-Shape Position



## Model 870V Vertical Position



NRS Side View

**NOTE:** The Model 870V is shipped in the N-shape position as shown above.

Size: 2½" - 10" (65 - 250mm)

SIZE (DN)		DIMENSIONS												WEIGHT											
in.	mm	A	B	C	ENRS		E1 OS&Y*		F	G	J		K		M		NRS		OS&Y						
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.				
2½	65	12½	318	25¾	654	24¼	616	12%	321	16¾	416	16%	422	6¼	159	3½	89	13%	346	27¼	692	190	86	200	91
3	80	12½	318	25¾	654	24¼	629	12%	327	22¼	565	16%	422	6¼	159	3¾	95	14%	359	28¼	718	260	118	270	123
4	100	14	356	27¾	708	26¾	680	14%	365	23¼	591	17¾	451	7	178	4½	114	15½	394	31	787	300	136	320	145
6	150	16	406	32¼	819	32¼	819	18%	497	30¾	765	21¾	548	8	203	5½	140	18%	473	37¼	946	460	209	500	227
8	200	18½	470	37½	953	36%	924	23½	597	37¾	959	24¾	632	9¼	235	6¾	172	20%	527	41¼	1054	780	354	840	381
10	250	21	533	42½	1080	40¾	1035	27½	699	48	1219	27½	699	10	254	8	203	24	610	48	1219	1320	599	1450	658

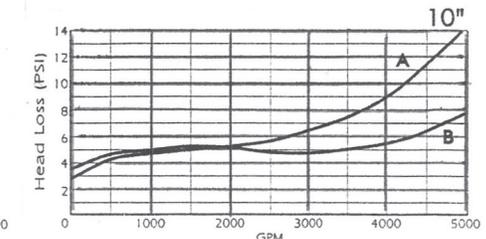
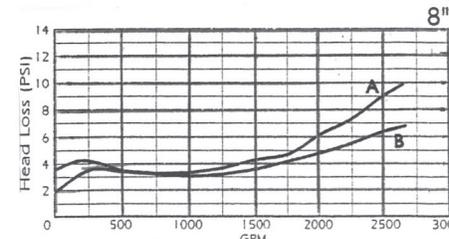
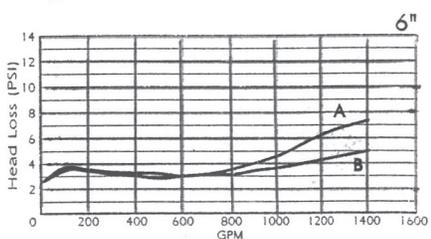
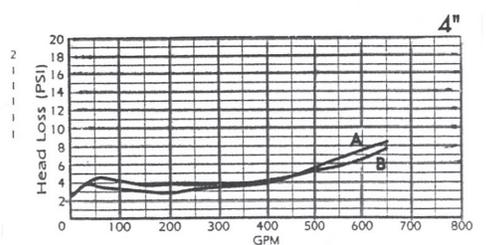
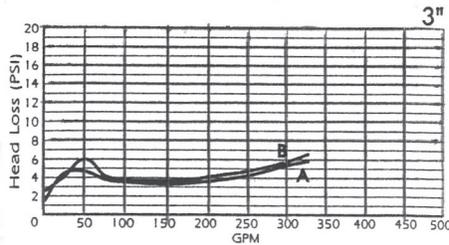
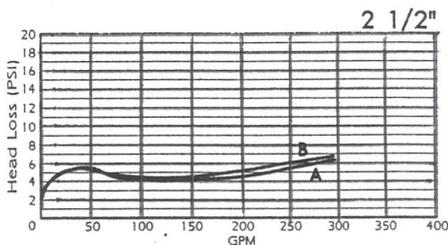
\*OS&Y OPEN

Weights do not include risers or optional valve setter.  
Note: Dimensions shown are nominal. Allowances must be made for normal manufacturing tolerances.

## Flow Curves 870V

A - Vertical orientation (model 870V)  
B - Standard orientation (model 870)

The 6", 8", and 10" flow curves (B only) include the FEBCO valve setter model 611.



**LEAD FREE\***

MODEL LF870V DOUBLE CHECK ASSEMBLY  
(Shown in standard orientation)

**MASTER series®**

# MasterSeries® LF870V

Double Check Backflow Prevention Assembly Size: 2½" - 8" (65mm - 200mm)



**Materials**

Below is a general materials list of the Model LF870V. All assemblies size 2½" through 8" is similar in materials and construction. Please contact your local FEBCO Representative if you require further information.

- Main Valve Body: Ductile iron Grade 65-45-12
- Coating: Fusion epoxy coated internal and external AWWA C550-90
- Shutoff Valves: NRS resilient wedge gate valve AWWA C509 (Standard)  
OSY resilient wedge gate valve AWWA C515 (UL/FM)
- Check Seats: Stainless Steel
- Disc Holder: Stainless Steel
- Elastomer Disc: Silicone
- Spring: Stainless Steel

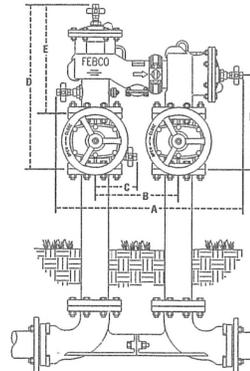
**Pressure - Temperature**

- Max. Working Pressure: 175 psi (12.1 bar)
- Min. Working Pressure: 10 psi (0.7 bar)
- Hydrostatic Test Pressure: 350 psi (24.1 bar)
- Hydrostatic Safety Pressure: 700 psi (48.3 bar)
- Temperature Range: 33°F - 140°F (0.5°C - 60°C) Continuous

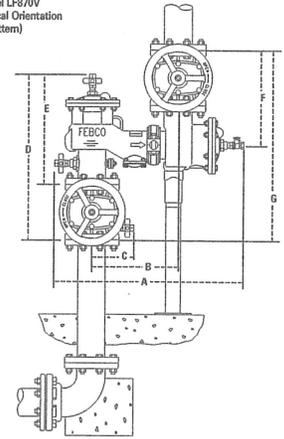
**Dimensions - Weights**

Below are the nominal dimensions and physical weights for the Model LF870V size 2½" through 8". Allowances must be made for normal manufacturing tolerances. Please visit our website to download a copy of this product's installation instructions, or contact your local FEBCO Representative for more information.

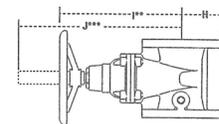
Model LF870V Standard Orientation (N-Pattern)



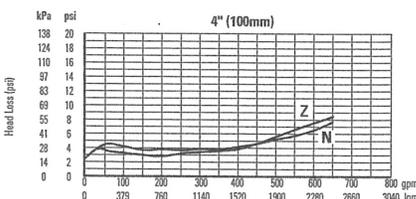
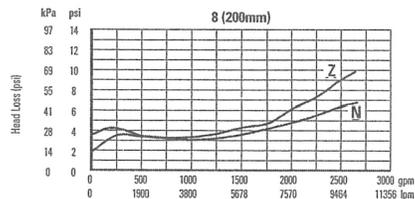
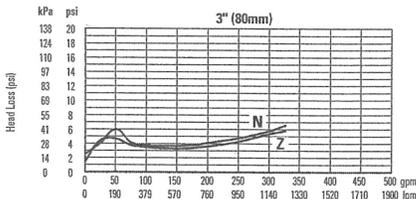
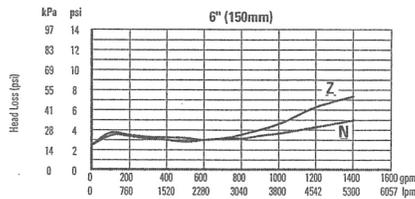
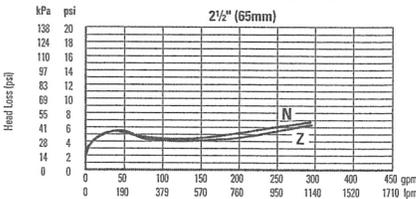
Model LF870V Vertical Orientation (Z-Pattern)



Gate Valve Slide View Clearance



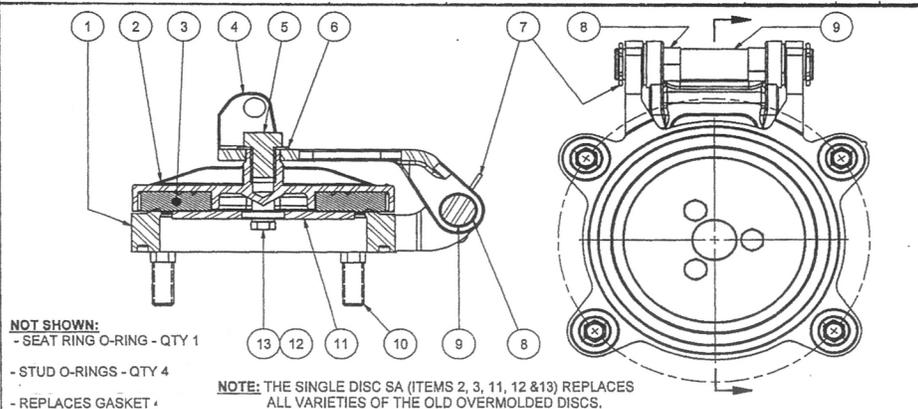
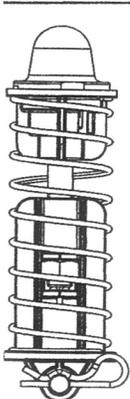
Note: The Model LF870V is shipped in the standard (N-Pattern) orientation as shown above.



Notes:  
\*\* Indicates nominal dimensions with NRS Gate Valves  
\*\*\* Indicates nominal dimensions with OSY Gate Valves (Full Open Position)  
\*\*\*\* Indicates weight of complete Backflow Assemblies with specified Gate Valves

The 6" curves (N-standard orientation) include the valve setter Series 611.

SIZE (DN)	DIMENSIONS												WEIGHT****												
	A		B		C		D		E		F		G		H		I**		J***		NRS		OSY		
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.	lbs.	kg.		
2½	65	25¼	65¼	12½	318	6¼	159	2¼	616	16¼	422	13¼	346	27¼	692	3¼	89	12¼	321	16¼	416	197	89	201	91
3	80	25¼	65¼	12½	318	6¼	159	2¼	629	16¼	422	14¼	359	28¼	718	3¼	96	12¼	327	22¼	565	223	101	227	103
4	100	27¼	708	14	366	7	178	26¼	680	17¼	451	15¼	394	31	787	4¼	114	14¼	365	23¼	591	320	145	332	151
6	150	32¼	819	16	406	8	203	32¼	819	21¼	548	18¼	473	37¼	946	5¼	140	18¼	479	30¼	765	462	223	512	232
8	200	37¼	953	18¼	470	9¼	235	36¼	324	24¼	632	20¼	527	41¼	1064	6¼	172	23¼	597	37¼	959	782	355	810	367



## LF 870V Check Mechanism

ITEM	DESCRIPTION
1	SEAT RING 2-1/2" & 3"
2	DISC HOLDER 2-1/2" & 3"
3	DISC 2-1/2" & 3"
4	ARM 2-1/2" & 3"
5	HHCS 3/8-16UNC-2Bx.50
6	WASHER, .375 ID X .75 OD X .041
7	HAIRPIN CLIP
8	BUSHING-SWING PIN
9	SWING PIN
10	HEX STUD 5/16-18 x 1-1/4
11	DISC RETAINER 2-1/2" & 3"
12	#10 SPLIT LOCK WASHER
13	HH MACH SCREW #10-24UNCx3/8