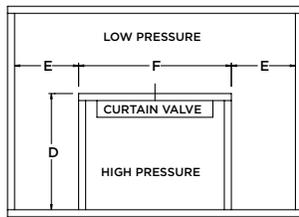
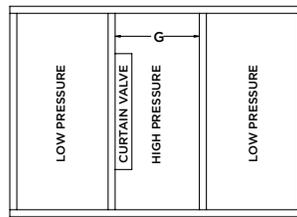


Standard Reservoirs

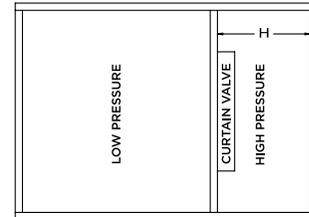
Reservoirs come complete with built-in curtain valves that are mounted on nylon bearings and are adjustable from the outside. If wind holes are required, specify size and location. Spring rails span short dimension; long dimension rails available. Indicate wind pressure so proper coil springs can be installed. Compass springs can be furnished in place of coil springs. Special size reservoirs are built to specifications.



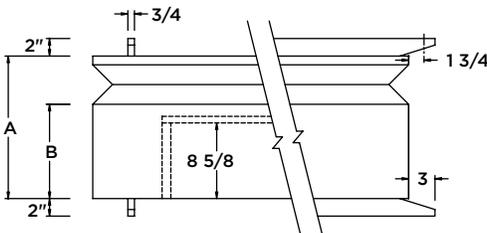
Style #1



Style #2



Style #3

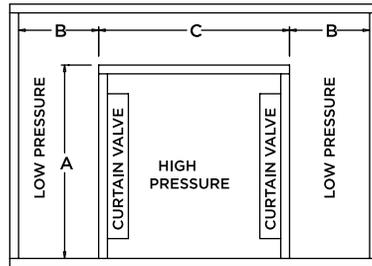


Reservoir Size	A	B	D	E	F	G	H	Curtain Valve
18" x 24"	15"	10-1/2"	10-9/16"	2-5/8"	16-3/4"	-	8"	#1
20" x 30"	15 -1/2"	10-1/2"	11-9/16"	4-1/8"	19-3/4"	-	10"	#2
24" x 36"	16"	10-1/2"	13-9/16"	7-1/8"	19-3/4"	-	13"	#2
30" x 42"	16"	10-3/4"	16-9/16"	9-1/8"	21-3/4"	12"	14"	#3
36" x 48"	16"	10-3/4"	19-9/16"	11-1/8"	23-3/4"	12"	16"	#4
8" x 60"	16"	10-3/4"	28"	18-1/8"	21-3/4"	14"	20"	2 x #3

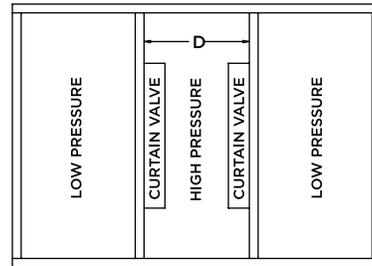
Size	Layout	No. Stops	Approx Shipping Weight	Size	Layout	No. Stops		
2001.00	18" x 24"	1	2	57 lbs.	2021.00	18" x 24"	3	2
2002.00	20" x 30"	1	3	67 lbs.	2022.00	20" x 30"	3	3
2003.00	24" x 36"	1	4	85 lbs.	2023.00	24" x 36"	3	4
2004.00	30" x 42"	1	6	127 lbs.	2024.00	30" x 42"	3	6
2005.00	36" x 48"	1	8	150 lbs.	2025.00	36" x 48"	3	8
2006.00	48" x 60"	1	12	325 lbs.	2026.00	48" x 60"	3	12
2008.00	Special Reservoir #1				2028.00	Special Reservoir, #3		
2014.00	30" x 42"	2	6					
2015.00	36" x 48"	2	8					
2016.00	48" x 60"	2	12					
2018.00	Special Reservoir, #2							

Floating Top Reservoirs

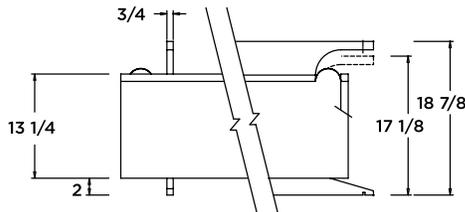
A floating top or schwimmerbalg reservoir is a logical alternative to leather gussets and folds. These reservoirs are available in all standard sizes, as well as custom sizes. The ease of maintenance, the longevity of the one-piece rubber cloth top, and the accurate regulation of this proven slotted curtain valve make this unit an attractive option. On sizes 20" x 30" and larger, a built-in pressure rise tremolo pneumatic can be provided for a neat and compact installation. Springs are included for specified wind pressure. Tremolo driver sold separately.



STYLE NO. 1



STYLE NO. 2



Reservoir Size	A	B	C	D	Curtain Valve
18" x 24"	-	-	-	8"	2 x #1
20" x 30"	-	-	-	8"	2 x #2
24" x 36"	20"	7-1/8"	19-3/4"	8"	2 x #2
30" x 42"	22"	9-1/8"	21-3/4"	12"	2 x #3
36" x 48"	24"	11-1/8"	23-3/4"	12"	2 x #4
48" x 60"	28"	18-1/8"	21-3/4"	14"	2 x #4

Approx
Shipping
Weight

Size	Layout	No. Stops	Approx Shipping Weight	
2053.00	24" x 36"	1	4	85 lbs.
2054.00	30" x 42"	1	6	127 lbs.
2055.00	36" x 48"	1	8	150 lbs.
2056.00	48" x 60"	1	12	325 lbs.
2058.00	Special Reservoir #1			
2061.00	18" x 24"	2	2	
2062.00	20" x 30"	2	3	
2063.00	24" x 36"	2	4	
2064.00	30" x 42"	2	6	
2065.00	36" x 48"	2	8	
2066.00	48" x 60"	2	12	
2068.00	Special Reservoir, #2			

WurliTzer™ Reservoirs

These WurliTzer™ style reservoirs are complete with one cone valve and two book or pallet valves and are ready to install on standard WurliTzer™ wind trunks. Four (4) long spring bars are furnished with each unit. Additional spring bars and coil springs are available.

	Size	Shipping Weight
2072.00	20" x 30"	48 lbs.
2073.00	26" x 35"	71 lbs.
2074.00	32" x 35"	97 lbs.
2075.00	35" x 42"	
2072.58	Short spring bars 5" w/screws	
2072.59	Long spring bars 10" w/screws	



WurliTzer™ Equalizer

WurliTzer™ originally designed these units as pressure regulators for swell shutter, console, and percussion actions. These hinged units employ a sophisticated cone valve and are an economical alternative to a standard reservoir where space is at a premium and critical regulation is not required. Suggested for pressures over 5". The 3" inlet and 3" outlet are located on the bottom of the unit. 15" H O.A.

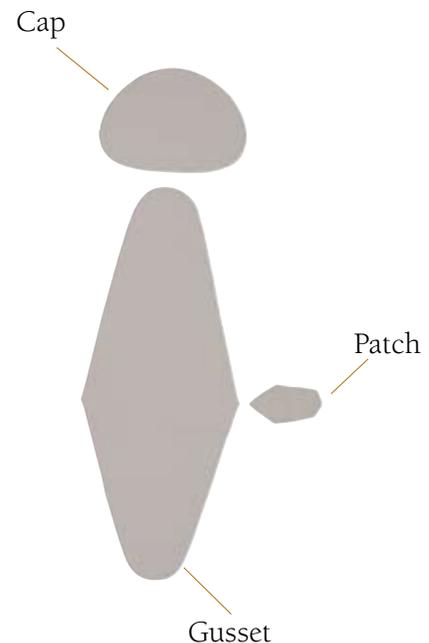
	W x L	Shipping Weight
2080.08	8" x 20"	15 lbs.
2080.10	10" x 24"	23 lbs.
2080.75	4 Legs, 17"	



Reservoir Gussets

Cut and skived leather corner gussets. Set of 4 with 8 corner patches.

	Reservoir Size	Rib W.	Gusset
2001.57	18" x 24"	3-9/16"	5" x 14"
2002.57	20" x 30"	4-9/16"	6-3/4" x 16-1/2"
2003.57	24" x 36" & larger	5"	6-3/4" x 18-1/2"
2001.65	Patches only		
2001.66	Corner caps, for high pressure applications		
2001.67	Alum Bellows strips, 1-1/2"		
6120.03	Twill tape for hinge strips, 1" heavy		



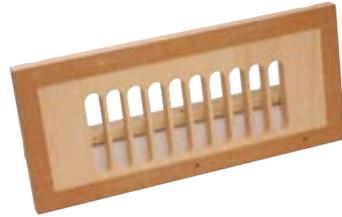
Reservoir Releathering

2030.00 Releathering services are available for all styles of reservoirs and swimmer panels.

Reservoir Curtain Valves

Complete with roller mounted in nylon bearings, slat grid, and threaded brass operating rod. Height of grid opening is 4".

	Size	W	x	H	Opening Equivalent (sq. in.)	Ø
2040.01	#1	14-3/4"	x	7-7/8"	28	6"
2040.02	#2	17-3/4"	x	7-7/8"	36	6-3/4"
2040.03	#3	19-3/4"	x	7-7/8"	43	7-3/8"
2040.04	#4	21-3/4"	x	7-7/8"	50	8"



External Curtain Valves

Standard curtain valve installed in box for external mounting on existing reservoir. Normally "UP" to close. Curtain rod can be reversed for "UP" to open. Reversible by customer.

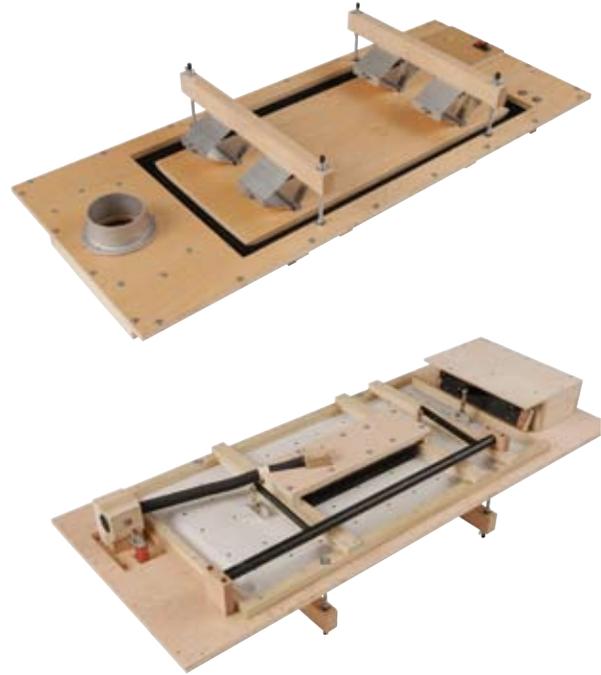
	Size	W	x	H	x	D	Shipping Weight
2045.01	#1	17"	x	14"	x	8"	23 lbs.
2045.02	#2	20"	x	14"	x	8"	25 lbs.
2045.03	#3	22"	x	14"	x	8"	26 lbs.
2045.04	#4	24"	x	14"	x	8"	28 lbs.



Schwimmer

A schwimmer is a chest-mounted regulator that takes the place of a reservoir and can be installed in slider, electro-mechanical, or top groove Pitman chests. 24" minimum width, 57" standard length. Custom sizes available. Tremolo pneumatic with electric dump valve available. Tremolo driver sold separately. Furnished with 2220.00 pantograph assemblies, requires 4" inside and 8" outside clearance.

- 2100.00** Schwimmer plate assembly
- 2110.00** Schwimmer plate assembly with tremolo pneumatic
- 2110.60** Dump Valve, Schwimmer Tremolo
- 2110.70** Schwimmer Tremolo Pneumatic Only



Pantograph Assembly

Used on schwimmer plates where total travel is 1" to 1-1/2". Depending on schwimmer plate size, 4 to 6 units are normally required for WP to 4". (100 mm)

2-5/8" to 3-5/8" H x 8-1/2" W x 5" D

- 2220.00** Pantograph Assembly
- 2220.57** Pantograph Spring only



Reservoir Eveners

- 2400.00** Eveners help eliminate "shimmy" and decrease weight of reservoir top. Two units provided per set. 28" L



Reservoir Legs

Four poplar legs per set, complete with cleats.

- | | <u>L</u> | <u>x</u> | <u>W</u> |
|----------------|-------------|----------|----------|
| 2020.01 | 16" | x | 4" |
| 2020.02 | 24" | x | 4" |
| 2020.03 | Custom made | | |

Reservoir Coil Spring

2" Ø O.D., 8" coil, 10-1/2" O.A.

	Size	Color	Wire Ø
2200.04	#4	Blue	.120
2200.05	#5	Orange	.135
2200.10	#10	White	.148
2200.20	#20	Yellow	.156
2200.30	#30	Green	.162
2200.40	#40	Red	.192



Reservoir Spring Chart

Spring Number	18" x 24"		20" x 30"		24" x 36"		30" x 42"		36" x 48"		48" x 60"	
	Wind Pressure		Wind Pressure		Wind Pressure		Wind Pressure		Wind Pressure		Wind Pressure	
*	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
#5 Orange	4-1/2"	6"	4-1/2"	5"	2-3/4"	3-1/2"	2-1/4"	2-3/4"	2"	2-1/4"	1-1/2"	1-3/4"
#10 White	6-1/2"	8"	6-1/2"	7-1/2"	4"	5"	3-1/4"	4"	2-3/4"	3"	1-3/4"	2-1/4"
#20 Yellow	9"	10"	7"	8-1/4"	6"	7-1/4"	4-1/2"	5-1/2"	3-1/2"	4-1/4"	2-1/2"	3"
#30 Green	11"	12"	9"	10"	7-3/4"	8-1/4"	5-1/2"	7"	4-1/2"	5-1/4"	3"	3-1/2"
#40 Red	13"	14"	11"	12"	9"	10"	7"	8-1/4"	6-3/4"	7-1/2"	4-1/4"	5-1/4"
Reservoir Top Area	3 sq. ft.		4.2 sq. ft.		6 sq. ft.		8.75 sq. ft.		12 sq. ft.		20 sq. ft.	

* Chart assumes 4 springs per reservoir

Reservoir Compass Spring

	Size	O.A. Length	Color	Thickness
2210.06	#6	6"	—	.042
2210.08	#8	8"	—	.046
2210.10	#10	12"	White	.055
2210.20	#20	12"	Yellow	.065
2210.30	#30	12"	Green	.080



Concussion Bellows

Concussion bellows (winkers) are used as "shock absorbers" in wind systems. If both concussion bellows and tremolo are used with a reservoir, Type 2 with added stop action cut-out is recommended.

	Type	Pneumatic Size	O.A. W x L x H	Inlet	Shipping Weight
2501.00	1	8" x 16"	11-1/2" x 16-1/2" x 5"	1-1/4"	9 lbs.
2502.00	2	12" x 18"	12-1/4" x 23-1/2" x 16"	3"	14 lbs.
2502.01	2	Cutout only	8-1/8" x 19-3/8" x 4-1/8"	2"	10 lbs.



Type 1



Type 2

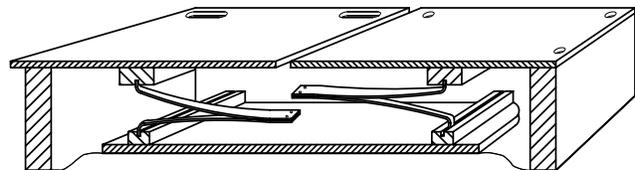


Type 2
mounted on cutout

Concussion Bellows, Tunable

Used as "shock absorber" in wind system. Mounts directly on top groove Pitman or slider chest. Free movement of swimmer style plate controlled by adjustable cover. Useful in single bellows winding of organs. Furnished with two 2210.06 reservoir compass springs and mounting screws. Requires 11" x 14" mounting hole.

2505.00 Concussion Bellows #4



Tremolo

This bellows style tremolo is covered with leather. The built-in electro-pneumatic stop action can be regulated to control air exhaust. Speed control is accomplished using the adjustable slide. Supplied with two weights. Muffler cover supplied separately.

	Size Pneumatic	Height Inflated	Inlet Ø	Application Guidelines to 4" WP or High Pressure	Shipping Weight
2607.00	7" x 16"	13-1/4"	2-1/2"	1-2 Stops to 4" WP	18 lbs.
2609.00	9" x 20"	13-1/4"	3"	3-6 Stops 4-6" WP	26 lbs.
2610.00	10" x 24"	13-1/4"	4"	7 + Stops 7-10"WP	32 lbs.

2607.75 Tremolo spring

Muffler covers

	Use with	Dimensions		
		L	W	H
2607.01	2607.00	19"	9"	4-1/2"
2609.01	2609.00	23"	11"	4-1/2"
2610.01	2610.00	27"	12"	4-1/2"



Tremolo Weight

2602.00 Cast iron, 6 oz. Use No. 6 screw.

1-1/2" Ø x 3/4" H



Dual Pneumatic Tremolo

- 2620.00** This pressure rise tremolo can be installed on almost any wind system up to 6" WP. Tremolo is accomplished by using pressure to pulsate or close large pneumatic, momentarily increasing the wind pressure in the chest. The 12" x 18" large pneumatic with 3" wind hole is normally attached directly to the chest bottom or side rail. The independent valve box, furnished with an electronic pulsating unit for infinite regulation, is connected to the smaller 5" x 12" pneumatic and to a wind source that is the same as or slightly higher than the chest pressure. Unit is furnished complete with 10 feet of 4010.03 1" Orgaflex and 2625.00 Electronic Tremolo Driver.

Tremolo 17" W x 18-1/2" L x 9" H O.A.
Valve box 6" W x 9-3/4" L x 6-1/2" H



Electronic Tremolo Driver

- 2625.00** Designed to be installed in the organ chamber, this compact pulsator is a very versatile unit. It can drive a magnet to inflate a pneumatic for schwimmers or dump valves attached to reservoirs. The unit has a built-in stop action that can be positive or negative. The speed and depth adjustments are changed by screw pots. The output will drive up to a 5 ampere total magnet load. PC board requires both rectifier positive and negative. Four mounting holes with stand-offs use No. 6 x 3/4" RHWS.

Unit is 2" W x 3-3/4" L x 7/8" H

