

70th Anniversary

Performance FLOAT VALVES

Bob® Brass Float Valves & Assemblies

Livestock Watering Valves & Assemblies

Bob® Stainless Steel Float Valves & Assemblies

Bobby® Miniature Float Valves & Assemblies

Bob® Copper Floats

Bob® Stainless Steel Floats

Bob® Polypropylene Floats

Bob® Valve Reservoir Assemblies



Standards Of Reliability...
For Over 70 Years

FV507

Effective May / 2007



Ross Brown Sales Pty. Ltd

ABN 28 000 690 362
21 Brookhollow Ave, Baulkham Hills NSW 2153
PO Box 6345 BHBC NSW 2153 Australia
Phone: (02) 9899 2744 Fax: (02) 9899 4233
Email: sales@rossbrownsales.com.au
Website: www.rossbrownsales.com.au

Robert Manufacturing Co.

Since our inception more than 70 years ago, Robert Manufacturing Company has been a source of some of the most innovative, high-performance plumbing products on the market. Our extensive line of BOB® brand products represent the best in design, engineering and manufacturing efficiency.

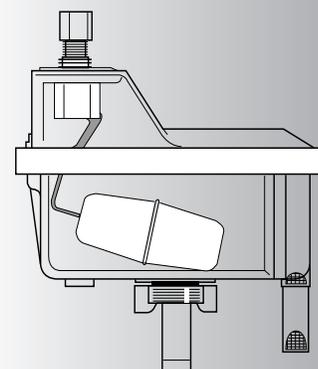
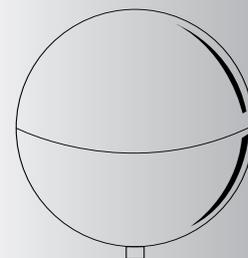
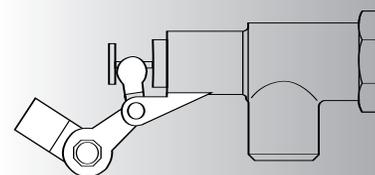
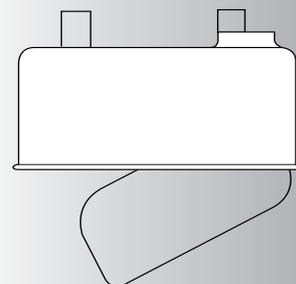
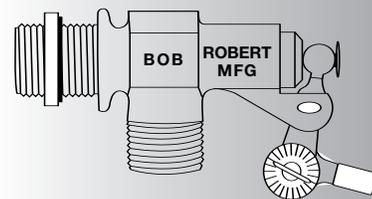
We have no intention of resting on our laurels. Rather, we will continue to keep pace with every technological advancement, while maintaining our innovative capabilities. As always, our efforts will be to enhance the reputations of our customers and to give them a competitive edge.

A handwritten signature in black ink that reads "Robert Hartwell". The signature is written in a cursive, flowing style with a large initial "R".

*Robert Hartwell
Chairman*

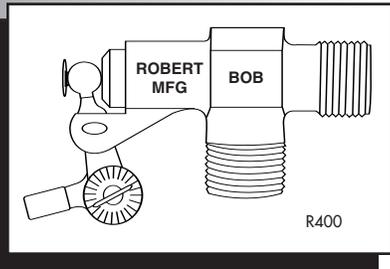
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BOB® FLOAT VALVES & ASSEMBLIES

All Standard Bob® Float Valve Assemblies consist of valve, brass stem, and float ball (copper or polypropylene) for positive water level control. For special assemblies list parts separately, i.e., valve, stem, and float ball.



R400 VALVE - MIP X MIP

- High Capacity - Heavy Duty • Red Brass Body
- Adjusting Arm Tapped 1/4-20 Thread • Buna-N-Disc Standard

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R400-3/8	3/8" MIP	3/8" MIP	.44	9 GPM	13 GPM
R400-1/2	1/2" MIP	1/2" MIP	.63	12 GPM	22 GPM
R400-3/4	3/4" MIP	3/4" MIP	.82	21 GPM	39.9 GPM
R400-1	1" MIP	1" MIP	1.13	43.5 GPM	68.5 GPM

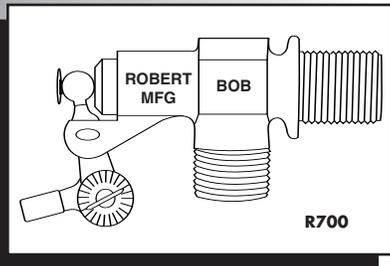
R400 VALVE ASSEMBLY w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R400-3/8-5	3/8" MIP	3/8" MIP	R440-5	1/4 - 20X10"	1.13	125 PSI
R400-1/2-5	1/2" MIP	1/2" MIP	R440-5	1/4 - 20X10"	1.31	125 PSI
R400-3/4-5	3/4" MIP	3/4" MIP	R440-5	1/4 - 20X10"	1.50	100 PSI
R400-1-5	1" MIP	1" MIP	R440-6	1/4 - 20X10"	1.94	100 PSI

R700 VALVE

- Tank Wall Mounting • STRAIGHT PIPE THREAD

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R700-3/8	3/8" MIP	3/8" MIP	.52	12 GPM	22 GPM
R700-1/2	1/2" MIP	1/2" MIP	.66	12 GPM	22 GPM
R700-3/4	3/4" MIP	3/4" MIP	.87	21 GPM	39.9 GPM



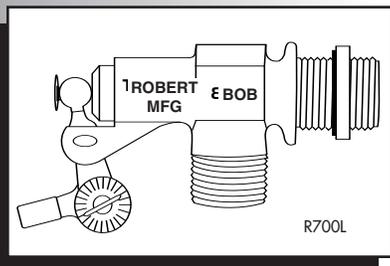
R700 VALVE w/LOCKNUT & GASKET

- STRAIGHT PIPE THREAD

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R700L-3/8	3/8" MIP	3/8" MIP	.68	12 GPM	22 GPM
R700L-1/2	1/2" MIP	1/2" MIP	.68	12 GPM	22 GPM
R700L-3/4	3/4" MIP	3/4" MIP	.89	21 GPM	39.9 GPM

R700L VALVE ASSEMBLY w/LOCKNUT, GASKET, STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R700L-3/8-5	3/8" MIP	3/8" MIP	R440-5	1/4 - 20X10"	1.33	125 PSI
R700L-1/2-5	1/2" MIP	1/2" MIP	R440-5	1/4 - 20X10"	1.33	125 PSI
R700L-3/4-5	3/4" MIP	3/4" MIP	R440-5	1/4 - 20X10"	1.54	100 PSI



RC810 CASA VALVE

- Compound Lever • Fluted Celcon Plunger • Max Temp on 3/8", 1/2" & 3/4" is 120°F

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
** RC810-3/8	3/8" MIP	FREE FLOW	.75	9 GPM	13 GPM
** RC810-1/2	1/2" MIP	FREE FLOW	.82	14 GPM	22.5 GPM
** RC810-3/4	3/4" MIP	FREE FLOW	.63	27 GPM	36 GPM
* R810-1	1" MIP	FREE FLOW	1.56	80 GPM	138 GPM

*R810-1 Brass Plunger **Viton Cup, Silicone Disc

• For HIGH TEMP DISC and CUP add suffix "V" to part number, i.e. R400-3/8V or R400-3/8-5V.
 • For POLYPROPYLENE FLOAT add suffix "P" to assembly number, i.e. R400-1-5P. Contact our sales office for current pricing.

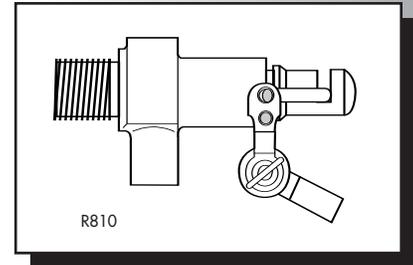
BOB® FLOAT VALVES & ASSEMBLIES

APPLICATIONS INCLUDE:

Cooling towers, livestock waterers, car wash, high pressure wash, swimming pools, and many other agricultural and industrial applications.

RC810 CASA VALVE ASSEMBLY w/STEM & FLOAT

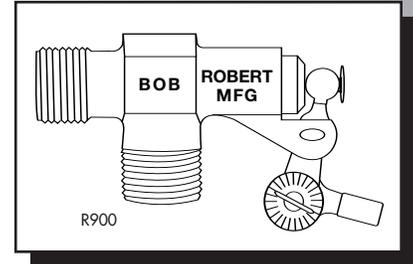
ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
RC810-3/8-5	3/8" MIP	FREE FLOW	R440-5	1/4 - 20X10"	1.44	120 PSI
RC810-1/2-5	1/2" MIP	FREE FLOW	R440-5	1/4 - 20X10"	1.44	120 PSI
RC810-3/4-5	3/4" MIP	FREE FLOW	R440-5	1/4 - 20X10"	1.69	100 PSI
R810-1-5	1" MIP	FREE FLOW	R440-6	1/4 - 20X10"	2.06	100 PSI



R900 VALVE

- Fluted Plunger for Heavy Sand/Silt Conditions

PART NUMBER	PIPE SIZE	WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
			35 PSI	85 PSI
R900-3/8	3/8" MIP	.44	9 GPM	13 GPM
R900-1/2	1/2" MIP	.63	12 GPM	22 GPM
R900-3/4	3/4" MIP	.82	21 GPM	39.9 GPM
R900-1	1" MIP	1.13	43.5 GPM	68.5 GPM



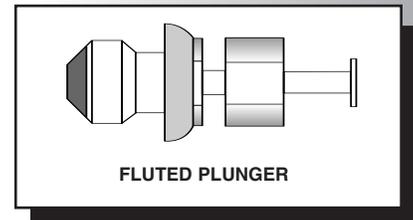
R900 VALVE ASSEMBLY w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
R900-3/8-5	3/8" MIP	3/8" MIP	R440-5	1/4 - 20X10"	1.13	125 PSI
R900-1/2-5	1/2" MIP	1/2" MIP	R440-5	1/4 - 20X10"	1.31	125 PSI
R900-3/4-5	3/4" MIP	3/4" MIP	R440-5	1/4 - 20X10"	1.50	100 PSI
R900-1-5	1" MIP	1" MIP	R440-6	1/4 - 20X10"	1.94	100 PSI

R600 VALVE

- High Capacity - Heavy Duty
- Compound Lever
- Rotating Plunger
- Buna-N Disc Standard

PART NUMBER	PIPE SIZE	WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
			35 PSI	85 PSI
R600-1-1/4	1-1/4" FIP	3.50	82 GPM	120 GPM
R600-1-1/2	1-1/2" FIP	3.50	82 GPM	120 GPM



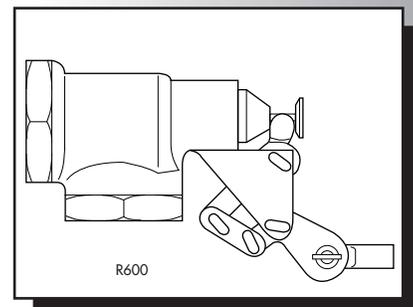
R600 VALVE w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
R600-1-1/4-5	1-1/4" FIP	1-1/4" FIP	R440-6	1/4 - 20X10"	4.50	125 PSI
R600-1-1/2-5	1-1/2" FIP	1-1/2" FIP	R440-6	1/4 - 20X10"	4.50	125 PSI

R605T "HIGH TURBO" VALVE

- High Capacity - Heavy Duty
- Compound Lever
- Adjusting Short Arm
- For Use in Applications w/HIGH TURBULENCE
- Cooling Towers
- Car Washes

PART NUMBER	PIPE SIZE	WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
			35 PSI	85 PSI
RF605T-1/2	1/2" FIP	1.75	18 GPM	27 GPM
RF605T-3/4	3/4" FIP	1.85	18 GPM	27 GPM
RF605T-1	1" FIP	2.04	63 GPM	110 GPM



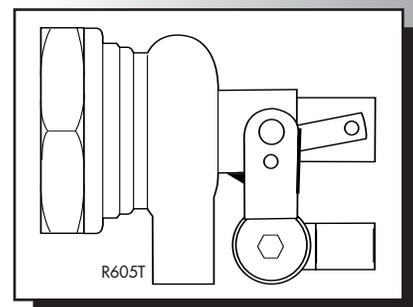
R605T "HIGH TURBO" VALVE ASSEMBLY w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
RF605T-1/2-5	1/2" FIP	FREE FLOW	R440-5	1/4-20 X 10"	3.00	150 PSI
RF605T-3/4-5	3/4" FIP	FREE FLOW	R440-5	1/4-20 X 10"	3.20	150 PSI
RF605T-1-5	1" FIP	FREE FLOW	R440-8	*3/8-16 X 12"	4.90	150 PSI

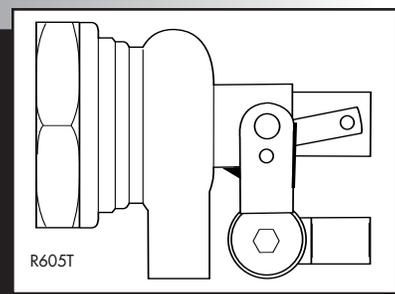
*R434-11 Adapter Included

R605T "HIGH TURBO" VALVE

PART NUMBER	PIPE SIZE	WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
			35 PSI	85 PS
R605T-1-1/4	1-1/4" FIP	3	112 GPM	180 GPM
R605T-1-1/2	1-1/2" FIP	3	112 GPM	180 GPM
R605T-2	2" FIP	3	112 GPM	180 GPM



BOB® FLOAT VALVES & ASSEMBLIES

**R605T "HIGH TURBO" VALVE ASSEMBLY w/STEM & FLOAT**

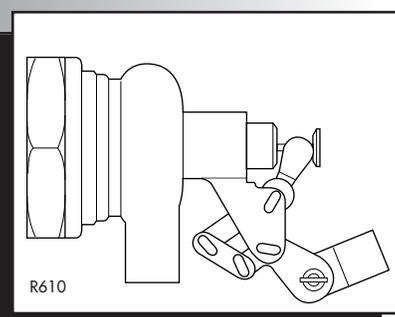
- R434-11 Adapter Included

ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
R605T-1-1/4-5	1-1/4" FIP	FREE FLOW	R440-8	3/8-16 X 12"	4.31	150 PSI
R605T-1-1/2-5	1-1/2" FIP	FREE FLOW	R440-8	3/8-16 X 12"	4.44	150 PSI
R605T-2-5	2" FIP	FREE FLOW	R440-8	3/8-16 X 12"	5.06	150 PSI

R610 VALVE

- High Capacity - Heavy Duty
- Compound Lever
- Rotating Plunger
- Adjusting Short Arm Tapped 1/8" FIP

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R610-1-1/4	1-1/4" FIP	FREE FLOW	2.75	112 GPM	180 GPM
R610-1-1/2	1-1/2" FIP	FREE FLOW	2.75	112 GPM	180 GPM
R610-2	2" FIP	FREE FLOW	2.75	112 GPM	180 GPM

**R610 VALVE ASSEMBLY w/STEM & FLOAT**

- R209-3/8 x 1/8 Adapter Included

ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
R610-1-1/4-5	1-1/4" FIP	FREE FLOW	R440-8	1/8" MIP X 12"	4.31	115 PSI
R610-1-1/2-5	1-1/2" FIP	FREE FLOW	R440-8	1/8" MIP X 12"	4.44	115 PSI
R610-2-5	2" FIP	FREE FLOW	R440-8	1/8" MIP X 12"	5.06	115 PSI

RF610 VALVE

- Adjusting Short Arm Tapped 3/8-16 SAE

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
RF610-1-1/4	1-1/4" FIP	FREE FLOW	2.75	112 GPM	180 GPM
RF610-1-1/2	1-1/2" FIP	FREE FLOW	2.75	112 GPM	180 GPM
RF610-2	2" FIP	FREE FLOW	2.75	112 GPM	180 GPM

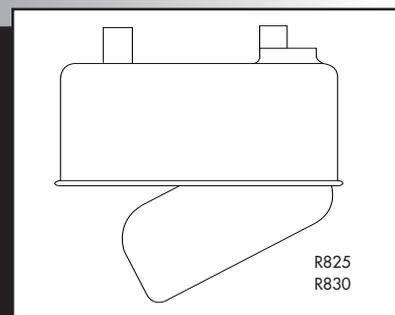
RF610 VALVE ASSEMBLY w/STEM & FLOAT

- R434-11 Adapter Included

ASSEMBLY NUMBER	PIPE SIZE		FLOAT		WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET	BALL	STEM		
RF610-1-1/4-5	1-1/4" FIP	FREE FLOW	R440-8	3/8-16 X 12"	4.31	115 PSI
RF610-1-1/2-5	1-1/2" FIP	FREE FLOW	R440-8	3/8-16 X 12"	4.44	115 PSI
RF610-2-5	2" FIP	FREE FLOW	R440-8	3/8-16 X 12"	5.06	115 PSI

- For HIGH TEMP DISC and CUP add suffix "V" to part number, i.e. R610-1-1/2V or R610-1-1/2-5V.
- For POLYPROPYLENE FLOAT add suffix "P" to assembly number, i.e. R610-2-5P; R610-1-1/4-5P requires 8" Polypropylene float ball. Contact our sales office for current pricing.

BOB® COMPACT LIVESTOCK WATERER

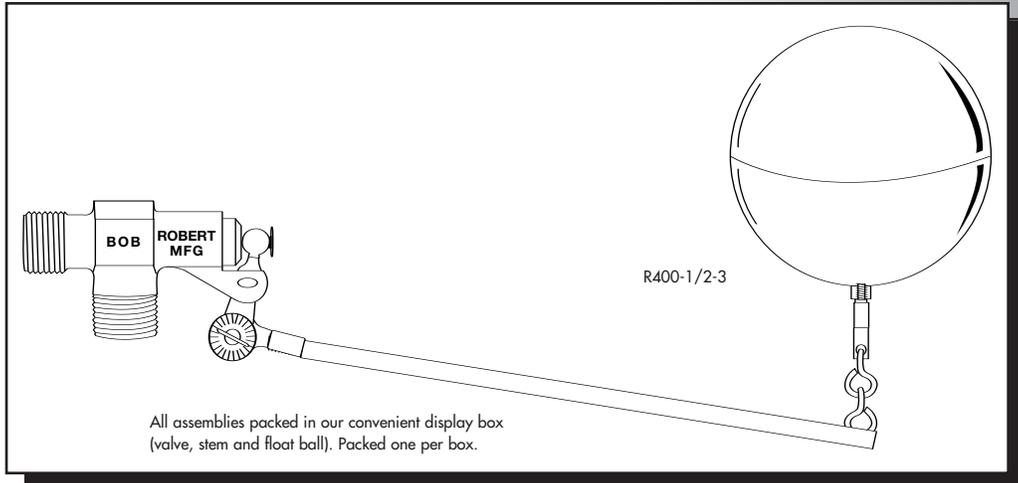


- Converts Any Water Storage Tank to Automatic Waterer
- Fast and Easy Hook-up
- Garden Hose Connection
- Rugged Corrosion Resistant Plastic or Metal Case
- Two-level Water Settings

MODEL	CONNECTION	OUTLET		WEIGHT	MAX. INLET PRESSURE
R825	GARDEN HOSE	FREE FLOW	PLASTIC CASE	1.37	70 PSI
R830	GARDEN HOSE	FREE FLOW	METAL CASE	1.62	70 PSI

BOB® LIVESTOCK WATERING VALVE ASSEMBLIES

The unique stem and swivel arrangements of the BOB® EVERITE Livestock Float Assembly prevents damage from livestock nuzzling ... Assemblies consist of Valve, Stem, Swivel and Float Ball (copper or polypropylene). For special assemblies list parts separately, i.e., Valve, Stem and Float Ball.



R400 LIVESTOCK ASSEMBLY

ASSEMBLY NUMBER	INLET	PIPE SIZE	OUTLET	FLOAT BALL	STEM & SWIVEL	WEIGHT LBS.	MAX. INLET PRESSURE
R400-1/2-3	1/2" MIP		1/2" MIP	R440-5	1/4-20X10"	1.75	125 PSI
R400-3/4-3	3/4" MIP		3/4" MIP	R440-5	1/4-20X10"	1.94	100 PSI
R400-1-3	1" MIP		1" MIP	R440-6	1/4-20X10"	2.38	100 PSI

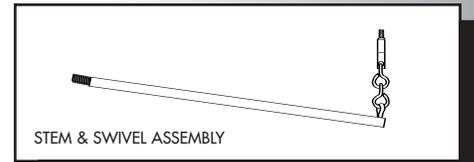
R610 LIVESTOCK ASSEMBLY

ASSEMBLY NUMBER	INLET	PIPE SIZE	OUTLET	FLOAT BALL	STEM & SWIVEL	WEIGHT LBS.	MAX. INLET PRESSURE
R610-1-1/4-3	1-1/4" FIP		FREE FLOW	R440-8	1/8" MIP X 16"	5.63	115 PSI
R610-1-1/2-3	1-1/2" FIP		FREE FLOW	R440-8	1/8" MIP X 16"	5.63	115 PSI
R610-2-3	2" FIP		FREE FLOW	R440-8	1/8" MIP X 16"	6.00	115 PSI

BOB® LIVESTOCK VALVE REPLACEMENT PARTS

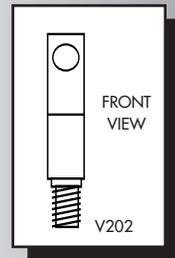
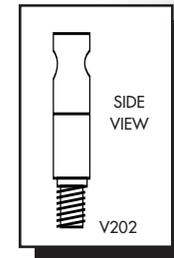
STEM & SWIVEL ASSEMBLY

PART NUMBER	STEM TYPE	SWIVEL TYPE	WEIGHT LBS.
R380	1/4-20X10"	1/4-20	.18
R380-1	1/4-20X10"	5/16-18	.18
R384-1	3/8-16X12"	5/16-18	.20
R384-2	3/8-16X12"	3/8-16	.20
R385	1/8" MIP X 16"	1/4-20	.31
R386-1	5/16-18X12"	5/16-18	.20
R386-2	5/16-18X12"	1/4-20	.20



BOB® EVERITE STEM

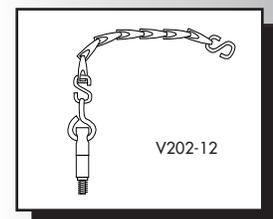
PART NUMBER	STEM TYPE	WEIGHT LBS.
R431-10	1/4-20X10"	.12
R432-16	1/8" MIP X 16"	.25
R433-12	5/16-18 X 12"	.14
R436-12	3/8-16 X 12"	.14



V202 SWIVEL, "S" HOOKS & SWIVEL WITH CHAIN

• Freeze Free

PART NUMBER	DESCRIPTION
104672-1	"S" HOOK
V202	1 SWIVEL & 2 "S" HOOKS
V202-12	1 SWIVEL, 2 "S" HOOKS, 12" CHAIN



BOB® BRASS FLOAT VALVE REPLACEMENT KITS

PART #	DISC & CUP KITS	PLUNGER KITS	ARM KITS	SHORT ARMS	SHORT ARM STEM THREAD
R400-3/8	*KB100	KB200	KB301	R470	1/4-20 SAE
R400-1/2	*KB110	KB210	KB300	R470	1/4-20 SAE
R400-3/4	*KB120	KB220	KB300	R470	1/4-20 SAE
R400-1	*KB130	KB230	KB302	R470	1/4-20 SAE
R700-3/8	KB100	KB200	KB301	R470	1/4-20 SAE
R700-1/2	KB110	KB210	KB300	R470	1/4-20 SAE
R700-3/4	KB120	KB220	KB300	R470	1/4-20 SAE
RC810-3/8	*KB133	KB233	KB333	R306	1/4-20 SAE
RC810-1/2	KB133	KB233	KB333	R306	1/4-20 SAE
RC810-3/4	KB136	KB236	KB333	R306	1/4-20 SAE
R810-1	KB139	KB239	KB339	R1006	1/4-20 SAE
R900-3/8	KB161	KB260	KB301	R470	1/4-20 SAE
R900-1/2	KB162	KB261	KB300	R470	1/4-20 SAE
R900-3/4	KB163	KB262	KB300	R470	1/4-20 SAE
R900-1	KB164	KB263	KB302	R470	1/4-20 SAE
R600-1-1/4	*KB140	KB240	KB310	R470	1/4-20 SAE
R600-1-1/2	*KB140	KB240	KB310	R470	1/4-20 SAE
RF605T-1/2	*KB143	KB243	KB343	A4096-4	1/4-20 SAE
RF605T-3/4	*KB143	KB243	KB343	A4096-4	1/4-20 SAE
RF605T-1	*KB146	KB246	KB346	A4096-2	3/8-16 SAE
R605T-1-1/4	*KB149	KB249	KB349	A4096-2	3/8-16 SAE
R605T-1-1/2	*KB149	KB249	KB349	A4096-2	3/8-16 SAE
R605T-2	*KB149	KB249	KB349	A4096-2	3/8-16 SAE
R610-1-1/4	KB150	KB250	KB320	R475	1/8" FIP
R610-1-1/2	KB150	KB250	KB320	R475	1/8" FIP
R610-2	KB150	KB250	KB320	R475	1/8" FIP
RF610-1-1/4	KB150	KB250	KB330	R475-4	3/8"-16 SAE
RF610-1-1/2	KB150	KB250	KB330	R475-4	3/8"-16 SAE
RF610-2	KB150	KB250	KB330	R475-4	3/8"-16 SAE

BOB® STAINLESS FLOAT VALVE REPLACEMENT KITS

PART #	DISC & CUP KITS	PLUNGER KITS	ARM KITS	SHORT ARMS	SHORT ARM STEM THREAD
R1350-3/8	KS100	KS200	KS300	106215-7	1/4-20 SAE
R1350-1/2	KS100	KS200	KS300	106215-7	1/4-20 SAE
R1350-3/4	KS100	KS200	KS300	106215-7	1/4-20 SAE
R1351-3/8	KS110	KS210	KS300	106215-7	1/4-20 SAE
R1351-1/2	KS110	KS210	KS300	106215-7	1/4-20 SAE
R1351-3/4	KS110	KS210	KS300	106215-7	1/4-20 SAE
R1360-3/4	KS100	KS200	KS300	106215-7	1/4-20 SAE
R1361-3/4	KS110	KS210	KS300	106215-7	1/4-20 SAE
R1370-1	KS120	KS220	KS310	106215-5	3/8-16 SAE
R1371-1	KS130	KS230	KS310	106215-5	3/8-16 SAE
R1380-1-1/4	KS140	KS240	KS320	106215-5	3/8-16 SAE
R1380-1-1/2	KS140	KS240	KS320	106215-5	3/8-16 SAE
R1380-2	KS140	KS240	KS320	106215-5	3/8-16 SAE
R1381-1-1/4	KS150	KS250	KS320	106215-5	3/8-16 SAE
R1381-1-1/2	KS150	KS250	KS320	106215-5	3/8-16 SAE
R1381-2	KS150	KS250	KS320	106215-5	3/8-16 SAE
RM262	KS160				
RM262P	KS160				

*Add suffix "V" for high temp disc & cup.

BRASS & STAINLESS STEEL STEMS

BRASS STEMS

PART NUMBER	LENGTH	MALE THREAD BOTH ENDS
R450-6	6"	1/4-20 SAE (.205 DIA ROD)
R450-8	8"	1/4-20 SAE (.205 DIA ROD)
R450-10	10"	1/4-20 SAE (.205 DIA ROD)
R450-12	12"	1/4-20 SAE (.205 DIA ROD)
R450-1-6	6"	1/4-20 SAE HEAVY DUTY (.250 DIA ROD)
R450-1-8	8"	1/4-20 SAE HEAVY DUTY (.250 DIA ROD)
R450-1-10	10"	1/4-20 SAE HEAVY DUTY (.250 DIA ROD)
R450-1-12	12"	1/4-20 SAE HEAVY DUTY (.250 DIA ROD)
R451-12	12"	1/4-20 SAE X 5/16-18 SAE
R452-12	12"	3/8-16 SAE
R453-12	12"	3/8-16 SAE X 5-16/18 SAE
R455-12	12"	1/8" MIP
R457-12	12"	3/8" MIP
A3096-12	12"	5/16' X 18 SAE

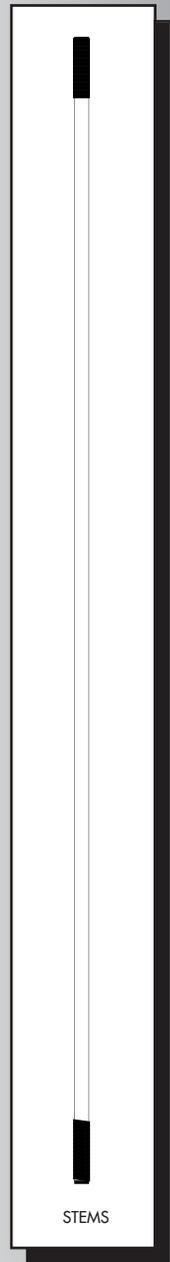
STAINLESS STEEL STEMS

PART NUMBER	LENGTH	MALE THREAD BOTH ENDS
R1310-8	8"	1/4-20 SAE
R1310-10	10"	1/4-20 SAE
R1310-12	12"	1/4-20 SAE
R1315-10	10"	3/8-16 SAE
R1315-12	12"	3/8-16 SAE

LOCKNUTS AND FIBERWASHERS

UNIT	PKG QTY	LOCKNUTS PART NUMBER	PIPE SIZE
PK	25	R421-6PK25	3/8"
PK	25	R421-8PK25	1/2"
PK	25	R421-12PK25	3/4"

UNIT	PKG QTY	FIBERWASHERS PART NUMBER	PIPE SIZE
PK	25	RS145-6PK25	3/8"
PK	25	RS145-8PK25	1/2"
PK	25	RS145-12PK25	3/4"



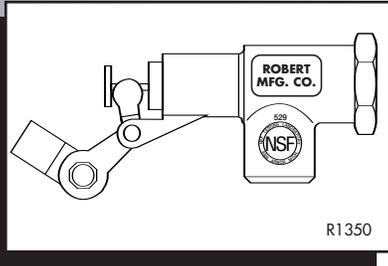
BOB® STAINLESS STEEL FLOAT VALVES & ASSEMBLIES

ALL STANDARD BOB® STAINLESS STEEL FLOAT VALVE ASSEMBLIES consist of valve, float ball (stainless steel or polypropylene) with stainless steel stem for positive level control. For use in industrial applications where caustic fluids or sanitary conditions exist.

All BOB® Stainless Steel Float Valves are NSF Listed.

Stems and Floats AISI 316 type Stainless Steel.

For Special Assemblies list parts separately, i.e., Valve, Stem and Float Ball.

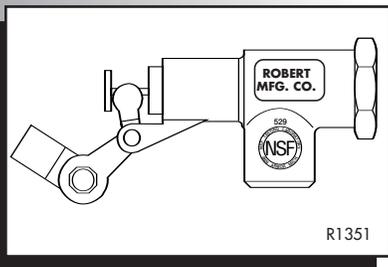


R1350 VALVE w/DISC & CUP MADE OF VITON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1350-3/8	3/8" FIP	3/8" FIP	1.68	37.5 GPM	58 GPM
R1350-1/2	1/2" FIP	1/2" FIP	1.63	37.5 GPM	58 GPM
R1350-3/4	3/4" FIP	3/4" FIP	1.56	37.5 GPM	58 GPM

R1350 VALVE w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1350-3/8-5	3/8" FIP	3/8" FIP	R1340-5	1/4-20X10"	2.69	85 PSI
R1350-1/2-5	1/2" FIP	1/2" FIP	R1340-5	1/4-20X10"	2.63	85 PSI
R1350-3/4-5	3/4" FIP	3/4" FIP	R1340-5	1/4-20X10"	2.56	85 PSI

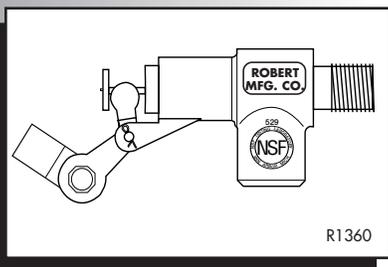


R1351 VALVE w/DISC & CUP MADE OF TEFLON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1351-3/8	3/8" FIP	3/8" FIP	1.68	37.5 GPM	58 GPM
R1351-1/2	1/2" FIP	1/2" FIP	1.63	37.5 GPM	58 GPM
R1351-3/4	3/4" FIP	3/4" FIP	1.56	37.5 GPM	58 GPM

R1351 VALVE w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1351-3/8-5	3/8" FIP	3/8" FIP	R1340-5	1/4-20X10"	2.69	85 PSI
R1351-1/2-5	1/2" FIP	1/2" FIP	R1340-5	1/4-20X10"	2.63	85 PSI
R1351-3/4-5	3/4" FIP	3/4" FIP	R1340-5	1/4-20X10"	2.56	85 PSI



R1360 VALVE w/DISC & CUP MADE OF VITON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1360-3/4	3/4" MIP	3/4" FIP	1.31	37.5 GPM	58 GPM

R1360 VALVE w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1360-3/4-5	3/4" MIP	3/4" FIP	R1340-5	1/4-20X10"	2.31	85 PSI

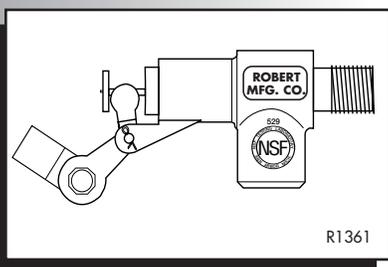
R1361 VALVE w/DISC & CUP MADE OF TEFLON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1361-3/4	3/4" MIP	3/4" FIP	1.31	37.5 GPM	58 GPM

R1361 VALVE w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1361-3/4-5	3/4" MIP	3/4" FIP	R1340-5	1/4-20X10"	2.31	85 PSI

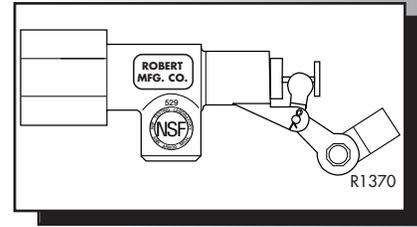
- Viton® is a registered trademark of DuPont-Dow Elastomers.
- Teflon® is a registered trademark of DuPont.
- For Polypropylene Float add suffix "P" to assembly part #.



BOB® STAINLESS STEEL FLOAT VALVES & ASSEMBLIES

R1370 VALVE w/DISC MADE OF VITON® & CUP MADE OF TEFLON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1370-1	1" FIP	3/4" FIP	1.5	52.5 GPM	71.1 GPM



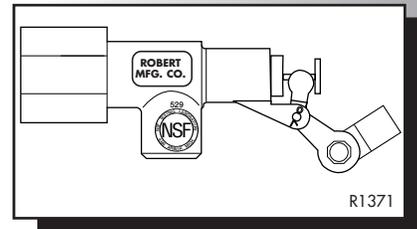
R1370 VALVE w/STEM & FLOAT

- 106272-2 Adapter Included

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1370-1-5	1" FIP	3/4" FIP	R1340-8	3/8-16X10"	3.44	85 PSI

R1371 VALVE w/DISC & CUP CUP MADE OF TEFLON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1371-1	1" FIP	3/4" FIP	1.5	52.5 GPM	71.1 GPM



R1371 VALVE w/STEM & FLOAT

- 106272-2 Adapter Included

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1371-1-5	1" FIP	3/4" FIP	R1340-8	3/8-16X10"	3.44	85 PSI

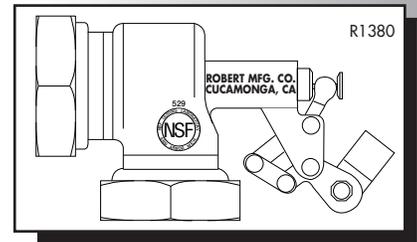
R1380 VALVE w/DISC & CUP CUP MADE OF VITON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1380-1-1/4	1-1/4" FIP	1-1/4" FIP	4.25	112 GPM	180 GPM
R1380-1-1/2	1-1/2" FIP	1-1/2" FIP	4.25	112 GPM	180 GPM
R1380-2	2" FIP	2" FIP	4.25	112 GPM	180 GPM

R1380 VALVE w/STEM & FLOAT

- 106272-2 Adapter Included

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1380-1-1/4-5	1-1/4" FIP	1-1/4" FIP	R1340-8	3/8-16X12"	6.25	100 PSI
R1380-1-1/2-5	1-1/2" FIP	1-1/2" FIP	R1340-8	3/8-16X12"	6.25	100 PSI
R1380-2-5	2" FIP	2" FIP	R1340-8	3/8-16X12"	6.25	100 PSI

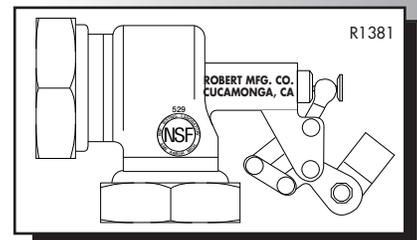


R1381 VALVE w/DISC MADE OF TEFLON® & CUP MADE OF VITON®

PART NUMBER	PIPE SIZE		WEIGHT LBS.	FREE DISCHARGE FLOW CAPACITY	
	INLET	OUTLET		35 PSI	85 PSI
R1381-1-1/4	1-1/4" FIP	1-1/4" FIP	4.25	112 GPM	180 GPM
R1381-1-1/2	1-1/2" FIP	1-1/2" FIP	4.25	112 GPM	180 GPM
R1381-2	2" FIP	2" FIP	4.25	112 GPM	180 GPM

R1381 VALVE w/STEM & FLOAT

ASSEMBLY NUMBER	PIPE SIZE		FLOAT BALL	STEM	WEIGHT LBS.	MAX. INLET PRESSURE
	INLET	OUTLET				
R1381-1-1/4-5	1-1/4" FIP	1-1/4" FIP	R1340-8	3/8-16X12"	6.25	100 PSI
R1381-1-1/2-5	1-1/2" FIP	1-1/2" FIP	R1340-8	3/8-16X12"	6.25	100 PSI
R1381-2-5	2" FIP	2" FIP	R1340-8	3/8-16X12"	6.25	100 PSI



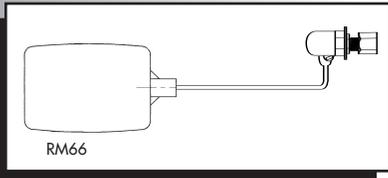
- Viton® is a registered trademark of DuPont-Dow Elastomers.
- Teflon® is a registered trademark of DuPont.

BOBBY® FLOAT VALVE ASSEMBLIES

THE BOBBY® VALVE is a Miniature Float Valve that has been a standard of reliability in the industry for many years. Custom Designs available. Bobby® Valves are supplied with Buna-N Plunger. Suitable for 175°F. Standard orifice size 1/8". "BK" valves packed 100 per carton. Valves packed 10 per box/100 per carton, delete "BK" suffix

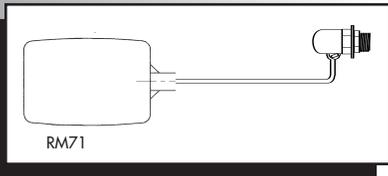
BOBBY® BRASS FLOAT VALVE SERIES

- All Brass Body with Stainless Steel Seat



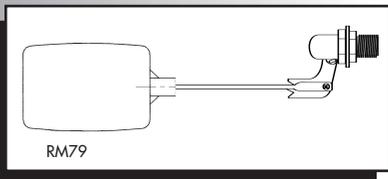
RM66 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM66BK	1/4" COMP	9-3/4"	1.31 GPM	2.25 GPM	125 PSI	18



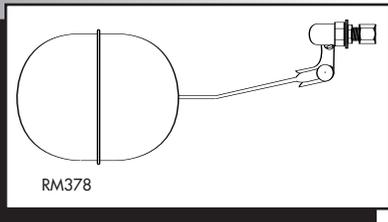
RM71 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM71BK	3/8" MIP TAPPED 1/8" FIP	9-3/4"	1.31 GPM	2.25 GPM	125 PSI	23



RM79 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM79BK	1/2" MIP TAPPED 1/4" FIP	9-3/4"	1.31 GPM	2.25 GPM	125 PSI	30

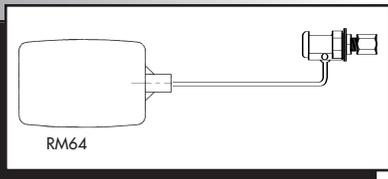


RM378 ASSEMBLY w/STEM & POLYPROPYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM378BK	3/8" COMP	11-1/8"	1.31 GPM	2.25 GPM	125 PSI	36

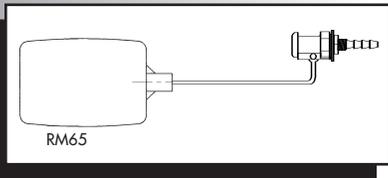
BOBBY® COMBO FLOAT VALVE SERIES

- Combination Brass and Non-Corrosive Plastic Body with Brass Inlet



RM64 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM64BK	1/4" COMP	9-3/4"	1.31 GPM	2.25 GPM	125 PSI	19



RM65 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

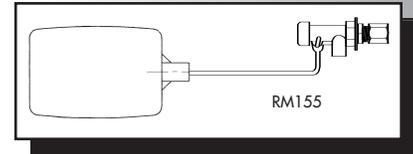
PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM65BK	1/4" HOSE BARB	10"	1.31 GPM	2.25 GPM	125 PSI	19

- Heavy duty 2 piece stem assemblies available on some models upon request.
- Two piece stems are special orders except on RM79, RM378 AND RM214.

BOBBY® FLOAT VALVE ASSEMBLIES

RM155 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

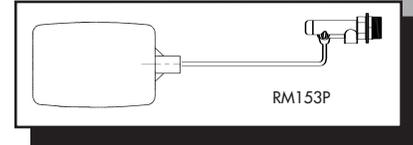
PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM155BK	1/4" COMP	9-7/8"	1.31 GPM	2.25 GPM	125 PSI	30



RM153P ASSEMBLY w/STEM & POLYETHYLENE FLOAT

- Celcon Body and Seat

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM153PBK	3/8" MIP	9-7/8"	1.31 GPM	2.25 GPM	125 PSI	33
		TAPPED 1/8" FIP				

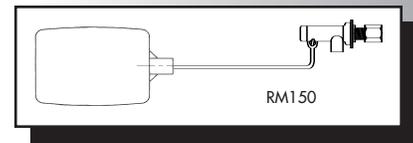


BOBBY® "T" SERIES FLOAT VALVES

- Similar Mechanical Operation as Larger BOB® VALVES
- Forged Brass Body with Stainless Steel Seat

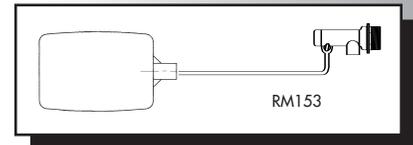
RM150 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM150BK	1/4" COMP	9-7/8"	1.31 GPM	2.25 GPM	125 PSI	28



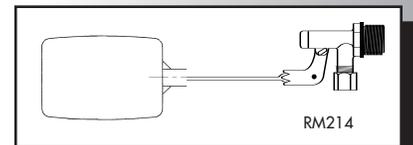
RM153 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM153BK	3/8" MIP	9-7/8"	1.31 GPM	2.25 GPM	125 PSI	33
		TAPPED 1/8" FIP				



RM214 ASSEMBLY w/STEM & POLYETHYLENE FLOAT

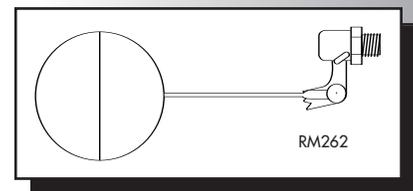
PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM214BK	1/2" MIP with	9-7/8"	3 GPM	5.5 GPM	125 PSI	38
		3/8" COMP				
		OUTLET				



BOBBY® STAINLESS STEEL VALVE ASSEMBLIES

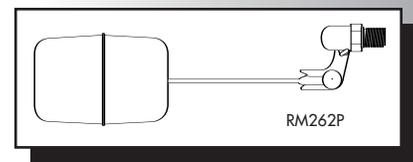
RM262 VALVE ASSEMBLY w/STAINLESS STEEL FLOAT & SPLASH GUARD (NSF LISTED)

PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM262	1/4" MIP	9"	1.31 GPM	2.25 GPM	125 PSI	12



RM262P VALVE ASSEMBLY POLYPROPYLENE FLOAT AND SPLASH GUARD (NSF LISTED)

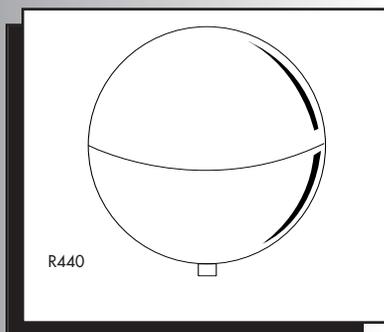
PART NUMBER	INLET CONNECTION	OVERALL LENGTH	FLOW CAPACITY		MAX. INLET PRESSURE	WEIGHT PER 100 PCS
			35 PSI	85 PSI		
RM262P	1/4" MIP	9-3/4"	1.31 GPM	2.25 GPM	125 PSI	6



- Heavy duty 2 piece stem assemblies available on some models upon request.
- Two piece stems are special orders except on RM79, RM378 AND RM214.

BOB® COPPER FLOATS & BRASS ADAPTERS

BOB® Copper Float Balls consist of two float halves soldered together using an inside lapping joint.
For open tank service only. 10" & 12" floats special order w/extended lead time.

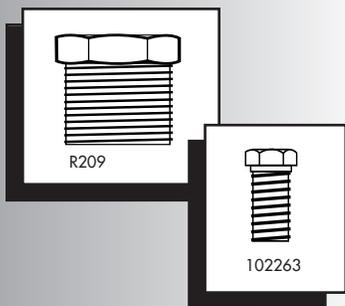


R440 SERIES COPPER FLOATS

PART NUMBER	FLOAT DIAMETER	BUOYANCY IN LBS.	FEMALE SPUD CONNECTION	WEIGHT LBS.
R440-3	3"	.34	1/4-20 SAE	.19
R440-4	4"	.80	1/4-20 SAE	.38
R440-5	5"	1.73	1/4-20 SAE	.56
R440-6	6"	3.26	1/4-20 SAE	.69
R441-6	6"	3.26	5/16-18 SAE	.69
R442-6	6"	3.26	3/8-16 SAE	.69
R440-7	7"	5.72	3/8" FIP	1.38
R441-7	7"	5.72	5/16-18 SAE	1.38
R442-7	7"	5.72	5/16-18 SAE	1.38
R440-8	8"	8.03	3/8" FIP	1.94
R442-8	8"	8.03	3/8-16 SAE	1.94
R440-10	10"	16.66	1/2" FIP	3.25
R442-10	10"	16.66	3/8-16 SAE	3.25
R440-12	12"	28.38	3/4" FIP	4.50
R442-12	12"	28.38	3/8-16 SAE	4.50

Float with thru-hole available upon request (except 12"). Thru hole for • 1/4" dia rod (.325 I.D. hole) add suffix "SR-250". • 3/8" dia rod (.450 I.D. hole) add suffix "SR-375" • 1/2" dia rod (.635 I.D. hole) add suffix "SR-500". • Special order, no return/cancel. Allow 4-6 weeks for delivery.

PART NUMBER	FLOAT DIAMETER	LENGTH	BUOYANCY IN OZS.	FEMALE SPUD CONNECTION	WEIGHT OZS.
RM141 (COPPER)	4"	7"	35.00	1/4-20 SAE	9.58



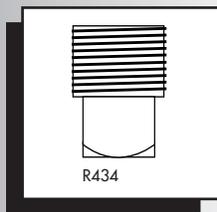
R209 SERIES Adapter

PART NUMBER	THREAD COMBINATION
R209-3/8X1/8	3/8" MIP X 1/8" FIP
R209-3/8X1/4	3/8" MIP X 1/4" FIP

102263 SERIES Adapter

• Adapts 8-32 Stem to 1/4-20 SAE MALE for Larger Floats

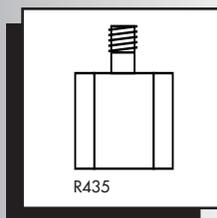
PART NUMBER
102263-1 (BRASS)
102263-2 (STAINLESS STEEL)



R434 SERIES PLUG Adapter

• Plug to Adapt Machine Thread Stems to Floats Having Pipe Threads

PART NUMBER	THREAD COMBINATION	PART NUMBER	THREAD COMBINATION
R434-0	1/4-20 SAE X 3/8" MIP	R434-11	3/8-16 SAE X 3/8" MIP
R434-1	5/16-18 SAE X 3/8" MIP		



R435 SERIES Adapter

PART NUMBER	THREAD COMBINATION
R435-1	1/4-20 SAE X 1/8" FIP
R435-4	1/4-20 SAE X 5/16-18 SAE FEM
R435-5	1/4-20 SAE X 3/8-16 SAE FEM

**QUESTIONS?
TECHNICAL ADVICE?
CONTACT OUR APPLICATIONS DEPARTMENT.
(800) 877-6237**

BOB® STAINLESS STEEL FLOATS & ADAPTERS

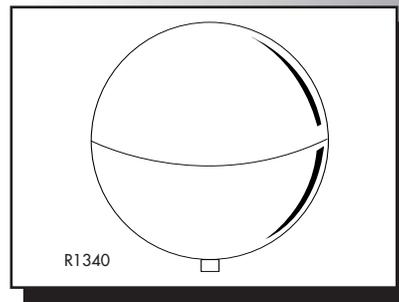
Suitable for use in corrosive fluids where high pressure or extreme temperatures may exist.

• Floats Consist of AISI 316 Stainless Steel • 7", 10" & 12" Special Order w/Extended Lead Times.

R1340 SERIES

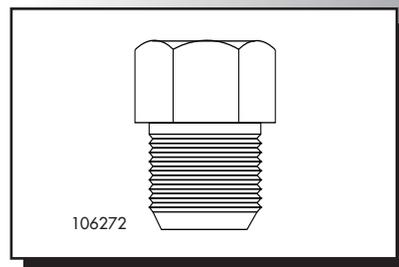
PART NUMBER	FLOAT DIAMETER	BUOYANCY IN LBS.	FEMALE SPUD CONNECTION	WEIGHT LBS.
R1340-3	3"	.21	1/4-20 SAE	.19
R1340-4	4"	.65	1/4-20 SAE	.44
R1340-5	5"	1.55	1/4-20 SAE	.81
R1340-6	6"	2.15	1/4-20 SAE	1.19
R1340-7	7"	3.09	3/8" FIP	1.75
R1340-8	8"	6.44	3/8" FIP	1.81
R1340-10	10"	11.63	1/2" FIP	7.19
R1340-12	12"	22.25	3/4" FIP	9.75

Float with thru-hole available upon request (except 7", 10" & 12"). Thru hole for • 1/4" dia rod (.300 I.D. hole) add suffix "SR-250" • 3/8" dia rod (.402 I.D. hole) add suffix "SR-375" • 1/2" dia rod (.555 I.D. hole) add suffix "SR-500". Special order, no return/cancel. Allow 4-6 weeks for delivery.



106272 SERIES Adapter

PART NUMBER	THREAD COMBINATION	PART NUMBER	THREAD COMBINATION
106272-1	1/4-20 SAE X 3/8" MIP	106272-7	3/8-16 SAE X 3/4" MIP
106272-2	3/8-16 SAE X 3/8" MIP	106272-12	3/8" FIP X 1/2" MIP
106272-3	1/8" FIP X 3/8" MIP	106272-13	5/16" FIP X 3/8" MIP



BOB® POLYPRO FLOATS

BOB® Polypropylene Floats are corrosion resistant, lightweight and suitable for a broad range of destructive fluids.

Standard color is Natural. PF5, PF6, PF8 models colored black for ultra violet light protection.

Suitable for 175°F. For open tank service only.

PF5 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF5	SPHERICAL	5"	1/4-20	34.70	2.8

PF6 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF6	SPHERICAL	6"	1/4-20	61.00	4.5
PF6-7	SPHERICAL	6"	5/16-18	61.00	4.5

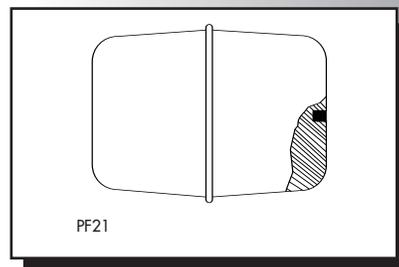
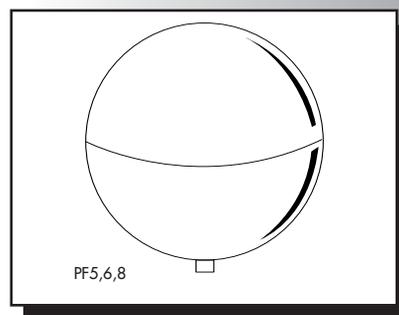
PF8 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
*PF8	SPHERICAL	8"	3/8" FIP	158.00	16.00
PF8-1	SPHERICAL	8"	1/4-20	158.00	16.00
PF8-2	SPHERICAL	8"	3/8-16	158.00	16.00
PF8-7	SPHERICAL	8"	5/16-18	158.00	16.00

*Float available with thru-hole upon request.

PF21 MODEL (POLYPROPYLENE)

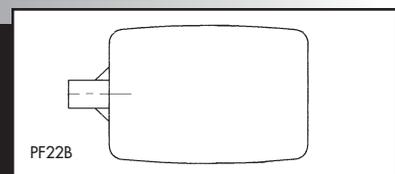
PART NUMBER	DESCRIPTION	LENGTH	WIDTH	HEIGHT	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF21	LUX	3-3/4"	2-5/8"	2-1/4"	8-32	9.23	1.1
PF21-1	LUX	3-3/4"	2-5/8"	2-1/4"	1/4-20	9.23	1.1



BOB® STAINLESS STEEL FLOATS & ADAPTERS

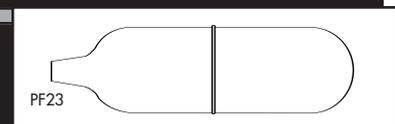
BOB® POLYPROPYLENE FLOATS

BOB® POLYPRO FLOATS



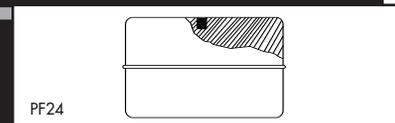
PF22B MODEL (POLYETHYLENE • Blow Molded)

PART NUMBER	DESCRIPTION	LENGTH	WIDTH	HEIGHT	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF22B	MINI LUX	3-3/4"	2-5/8"	1-7/16"	8-32	6.47	.75



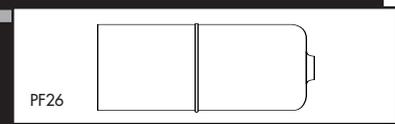
PF23 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF23	CYLINDRICAL	5-1/4"	1-1/2"	8-32	5.04	.73



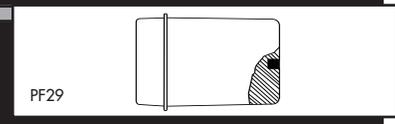
PF24 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	HEIGHT	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF24	PAN	1-3/4"	2-3/4"	8-32	5.27	.89



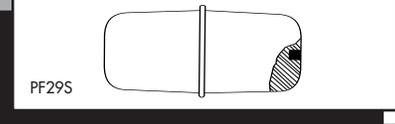
PF26 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
*PF26	CYLINDRICAL	3-3/4"	1-1/2"	**	3.26	.73



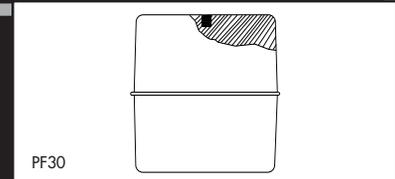
PF29 AND PF29S MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF29	CYLINDRICAL	2-5/8"	1-1/2"	8-32	2.14	.50
PF29-1	CYLINDRICAL	2-5/8"	1-1/2"	SLOTTED	2.14	.50
PF29S	CYLINDRICAL	3"	1-1/2"	8-32	2.78	.53
PF29S-1	CYLINDRICAL	3"	1-1/2"	SLOTTED	2.78	.53



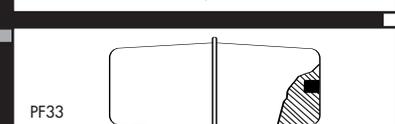
PF30 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	WIDTH	HEIGHT	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF30	FLAT RECTANGLE	2-1/4"	3-3/8"	1"	8-32	4.26	.78



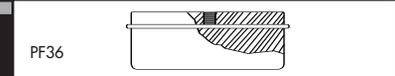
PF31 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
*PF31-1	CYLINDRICAL	3-3/4"	2"	8-32	5.68	.91



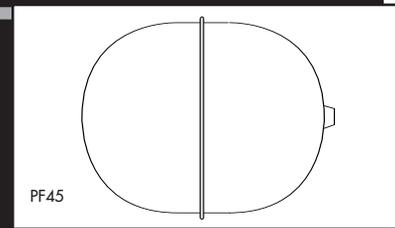
PF33 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	WIDTH	HEIGHT	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF33	SQUARE PROFILE	2-3/4"	1-1/4"	1-1/4"	SLOTTED	1.73	.40



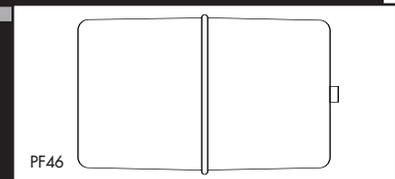
PF36 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	HEIGHT	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF36	MICRO PAN	3/4"	2"	6-32	1.00	.40
PF36-1	MICRO PAN	1-7/16"	2"	6-32	2.69	.50



PF45 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF45	OVAL	5"	4"	1/4-20	24.30	2.5



PF46 MODEL (POLYPROPYLENE)

PART NUMBER	DESCRIPTION	LENGTH	DIAM.	FEM. SPUD CONN.	BUOYANCY OZ.	WEIGHT OZ.
PF46	CYLINDRICAL	6"	4"	1/4-20	39.10	4.1

*Can be weighted per requirement. **Universal connection 6-32 or 8-32.

BOBBY® VALVE RESERVOIR ASSEMBLIES

FOR ICEMAKING MACHINES

• NATIONAL SANITATION FOUNDATION TESTING LABORATORY listed as Food Service Equipment • All plastic materials FDA approved • Polycarbonate Reservoir • All models - Length 5" - Height 4-1/2" - Width 2-1/2" • Packed 50 pieces per carton

107-2211 ASSEMBLY

PART NUMBER	VERTICAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
107-2211	1/4" COMP. NUT BRASS BODY	.52 GPM	.5 LBS

107P-2211 ASSEMBLY

PART NUMBER	VERTICAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
107P-2211	1/4" COMP. NUT CELCON BODY	.52 GPM	.5 LBS

107-2221 ASSEMBLY

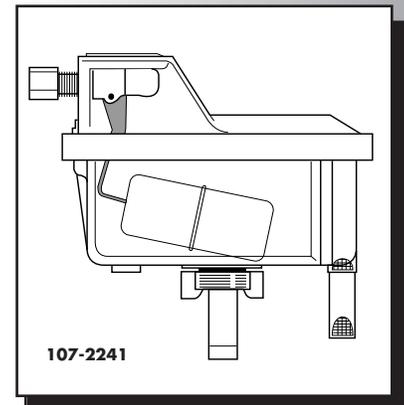
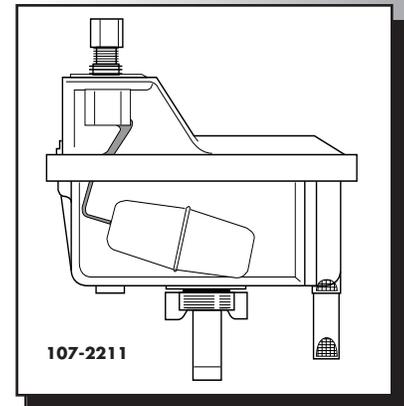
PART NUMBER	VERTICAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
107-2221	1/4" COMP. WING NUT BRASS BODY	.52 GPM	.6 LBS

107P-2221 ASSEMBLY

PART NUMBER	VERTICAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
107P-2221	1/4" COMP. WING NUT CELCON BODY	.52 GPM	.6 LBS

107-2241 ASSEMBLY

PART NUMBER	HORIZONTAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
107-2241	1/4" COMP. NUT COMBO BODY	.52 GPM	.5 LBS



FOR ICEMAKING MACHINES WITH LARGER CAPACITIES

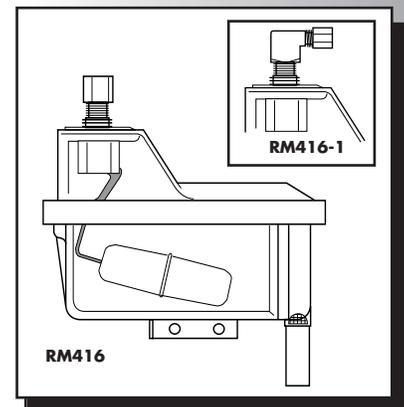
• NATIONAL SANITATION FOUNDATION TESTING LABORATORY listed as Food Service Equipment • All plastic materials FDA approved • Polycarbonate Reservoir • All models - Length 6" - Height 4-3/4" - Width 3-1/2" • Packed 35 pieces per carton

RM416 ASSEMBLY

PART NUMBER	VERTICAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
RM416	1/4" COMP. NUT BRASS BODY	.52 GPM	.8 LBS

RM416-1 ASSEMBLY

PART NUMBER	VERTICAL INLET CONNECTION	FLOW CAPACITY AT 50 PSI	WEIGHT PER EACH
RM416-1	1/4" COMP. ELBOW BRASS BODY	.52 GPM	.8 LBS



BOBBY® VALVES FOR RESERVOIR ASSEMBLIES & ACCESSORIES

RM292 & RM292P SERIES

NSF LISTED

VERTICAL INLET W/ALL BRASS BODY & STAINLESS STEEL ARM

PART NUMBER	INLET CONNECTION	RESERVOIR ASSEMBLY	ORIFICE	WEIGHT
RM292-1	1/4" COMP. NUT	107-2211	.052	.3 LBS
RM292-2	1/4" COMP. WING NUT	107-2221	.052	.3 LBS

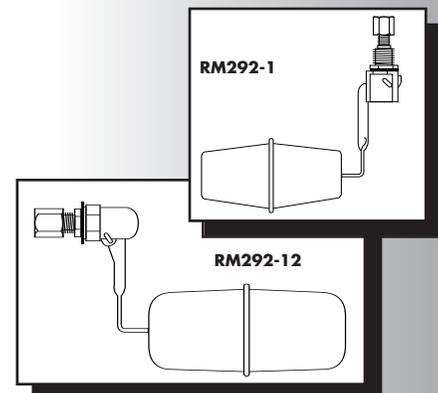
VERTICAL NICKEL PLATED INLET W/CELCON BODY & STAINLESS STEEL ARM

PART NUMBER	INLET CONNECTION	RESERVOIR ASSEMBLY	ORIFICE	WEIGHT
RM292P	1/4" COMP. NUT	107P-2211	.063	.3 LBS
RM292P-1	1/4" COMP. WING NUT	107P-2221	.063	.3 LBS

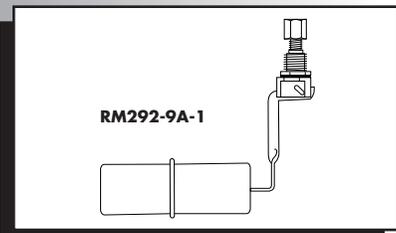
HORIZONTAL INLET "BOBBY COMBO"

PART NUMBER	INLET CONNECTION	RESERVOIR ASSEMBLY	ORIFICE	WEIGHT
RM292-12	1/4" COMP. NUT	107-2241	.052	.3 LBS

RM292-1 and RM292-2 use PF33 float. RM292P, RM292P-1, and RM292-12 use PF29S-1 float.



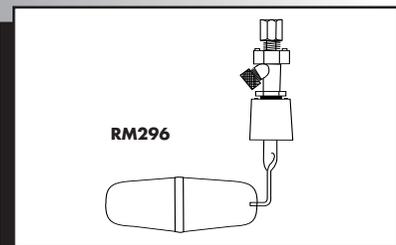
BOBBY® VALVES FOR RESERVOIR ASSEMBLIES & ACCESSORIES



RM292-9A-1

RM292 SERIES**NSF LISTED****VERTICAL INLET W/ALL BRASS BODY & STAINLESS STEEL ARM**

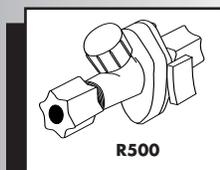
PART NUMBER	INLET CONNECTION	RESERVOIR ASSEMBLY	ORIFICE	WEIGHT
RM292-9A-1	1/4" COMP. NUT	RM416	.052	.3 LBS
RM292-25A	1/8" MIP	RM416-1	.052	.3 LBS



RM296

RM296 SERIES**VERTICAL INLET PLASTIC VALVE FOR 1/4" PLASTIC TUBING, SPLASH GUARD STAINLESS STEEL ARM, AND INLINE FILTER WITH REMOVABLE STAINLESS MESH SCREEN**

PART NUMBER	INLET CONNECTION	ORIFICE	WEIGHT
RM296-1	1/4" COMP.	.052	.4 LBS
RM296-2	1/4" COMP.	.093	.4 LBS

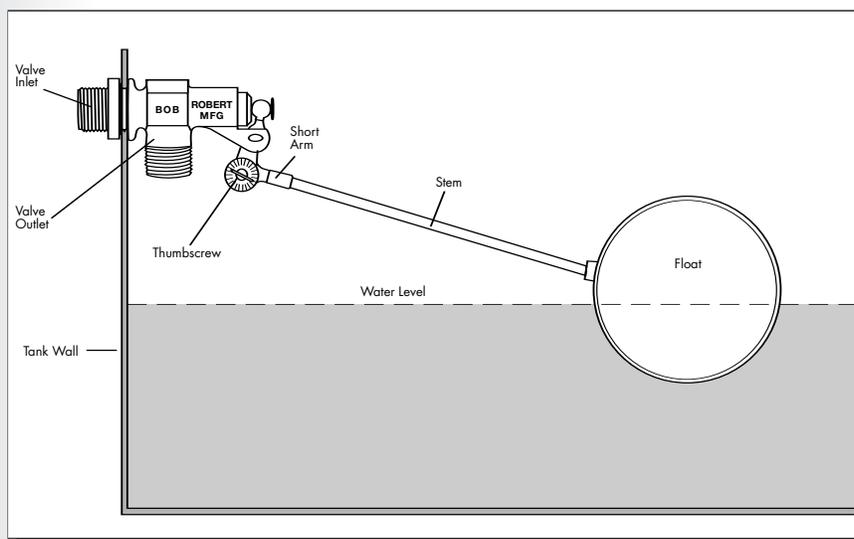


R500

R500-1/4**PLASTIC INLINE FILTER FOR 1/4" PLASTIC TUBING WITH REMOVABLE STAINLESS MESH SCREEN**

PART NUMBER	INLET & OUTLET CONNECTION	WEIGHT
R500-1/4	1/4" COMP.	.05 LBS

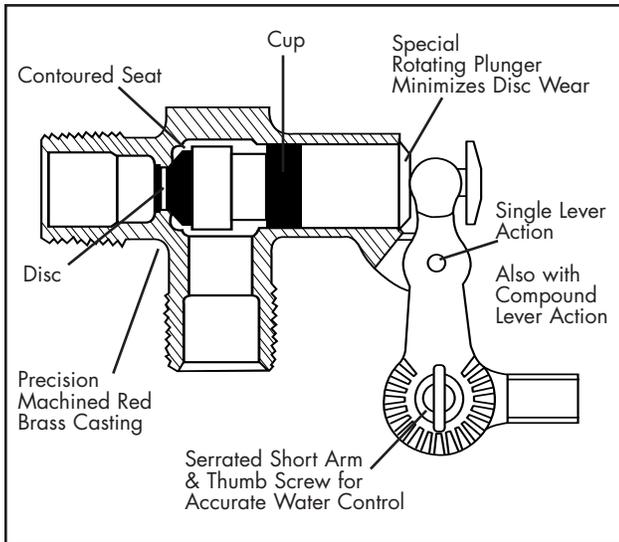
INSTALLATION INSTRUCTIONS



1. Attach valve to tank wall and connect valve inlet to water supply.
2. Valve outlet must be 90° to water level for bind-free operation.
3. Screw stem and float to short arm.
4. Rotate arm and stem for desired water level, tighten short arm thumbscrew.

**QUESTIONS?
TECHNICAL ADVICE?
CONTACT OUR APPLICATIONS DEPARTMENT.
(800) 877-6237**

Designers & Manufacturers of Float Valves & Assemblies for Over 60 Years



General Guidelines for Disc & Cup Requirements			
Working Conditions	*Buna-N (Hycar)	**Viton® or Silicone	***Teflon®
Max. - Heat Temp.	180°F.	450°F.	550°F.
Max. - Cold Temp.	35°F.	- 45°F.	- 60°F.
Gasoline-Kerosene	Excellent	Excellent	Excellent
Lubricants-Oils	Poor	Excellent	Excellent
Solvents	Poor	Excellent	Excellent
Abrasion	Excellent	Good	Poor
Hydraulic Fluids	Poor	Excellent	Excellent
Alcohol	Excellent	Excellent	Excellent
Acids	Some (check type)	Most (check type)	Excellent

*Buna-N Standard All Brass Valves (Gray Hycar also available)
 **All Stainless Steel Valve Standard with Disc and Cup made of Viton®
 ***Stainless Steel Valves Also Available with Disc and Cup made of Teflon®

SPECIAL DESIGN CAN BE ENGINEERED AND TESTED TO O.E.M. SPECIFICATIONS

BOB® FLOW CAPACITIES

Bob Valves	(G.P.M.) at Various Inlet Pressures						
	85 PSI	65 PSI	Pressure per Square Inch		25 PSI	15 PSI	5 PSI
			55 PSI	35 PSI			
R400-3/8"	13	11.5	10.4	9	7.8	6	4.2
R400-1/2"	22	18	16	12	10	8.5	5.7
R400-3/4"	39.9	32.5	28.8	21	15.2	12.1	9
R400-1"	68.5	61	55	43.5	37.8	24	15.1
R600 (ALL)	120	105	98	82	68	53	27.5
RF605T-1/2&3/4"	27	24	20.5	18	15	12	8
RF605T-1"	110	96	80	63	47	36	27
R605T (ALL)	180	152	140	112	84	62.5	27.5
R610 (ALL)	180	152	140	112	84	62.5	27.5
RF610 (ALL)	180	152	140	112	84	62.5	27.5
R700-1/2"	22	18	16	12	10	8.5	5.7
R700-3/4"	39.9	32.5	28.8	21	15.2	12.1	9
RC810-3/8"	13	11.5	10.4	9.0	7.8	6	4.2
RC810-1/2"	22.5	20	18	14	12	9.5	5.5
RC810-3/4"	36	33	30	27	24	21	10
R810-1"	138	121	106	80	65	52.5	30
R900	SAME AS R400 SERIES (ALL SIZES)						
R1350 (ALL)	58	52	48	37.5	31	26	8
R1360	58	52	48	37.5	31	26	8
R1370	71.1	62.4	57.5	52.5	41.2	25.9	16.3
R1380 (ALL)	SAME AS R610 SERIES (ALL SIZES)						
Bobby Valves							
.052	64 oz.	54 oz.	39 oz.	27 oz.	21 oz.	17 oz.	11 oz.
.063	90 oz.	80 oz.	72 oz.	56 oz.	52 oz.	40 oz.	22 oz.
.093	1.5 gal.	1.4 gal.	1.3 gal.	1.03 gal.	104 oz.	80 oz.	44 oz.
.125	2.25 gal.	1.875 gal.	1.59 gal.	1.31 gal.	1 gal.	96 oz.	56 oz.

Viton® is a registered trademark of DuPont-Dow Elastomers.
 Teflon® is a registered trademark of DuPont.

