



control  
devices  
AN HBM COMPANY

SET PRESSURE, RELIEF  
CAPACITY, "UV" SYMBOL,  
AND "NB" STAMPED ON BODY

11/16 WRENCHING FLATS

# FLOAT VALVES

PRODUCT CATALOG

3/8" NPT (INLET)

1/2" NPT (INLET)

PULL RING



1555 LARKIN WILLIAMS ROAD FENTON, MISSOURI 63026

+1 636.660.7100 +1 800.233.1477





## OUR FLOAT VALVES

IN 2010, CONTROL DEVICES INTRODUCED FLOAT VALVES TO OUR ALREADY EXPANSIVE PRODUCT LINE VIA THE ACQUISITION OF ROBERTS MANUFACTURING COMPANY (RMC) OF RANCHO CUCAMONGA, CALIFORNIA. A COMPANY WITH OVER 70 YEARS OF MANUFACTURING INDUSTRY KNOW-HOW, RMC DESIGNED AND PATENTED THE BOB® LINE OF PERFORMANCE BRASS AND STAINLESS STEEL FLOAT VALVES, BOBBY® VALVE RESERVOIR ASSEMBLIES AND BOBBY® MINIATURE FLOAT VALVES. TODAY, CONTROL DEVICES CONTINUES THE LEGACY OF THE RMC VISION WHILE WORKING TO DESIGN, ENGINEER AND MARKET NEW CONCEPTS WITHIN THE FLOAT VALVE INDUSTRY, SERVING DIVERSE APPLICATIONS FROM ICE-MAKING EQUIPMENT AND COOLING TOWERS TO LIVESTOCK WATERING EQUIPMENT.

CONTROL DEVICES ADDED A LINE OF HIGH QUALITY, PVC FLOAT VALVES TO OUR PRODUCT OFFERINGS IN 2013 WITH THE ACQUISITION OF KERICK VALVE, INC. OF JACKSONVILLE, FLORIDA. KERICK VALVE, INC. IS A LEADING MANUFACTURER OF PVC FLOAT VALVES AND OTHER RELATED COMPONENTS THAT ARE USED IN A WIDE VARIETY OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS, INCLUDING COOLING TOWERS, IRRIGATION AND WATER TREATMENT, LIVESTOCK AND ANIMAL WATERING, AND COMMERCIAL ICE-MAKING EQUIPMENT. THIS PRODUCT LINE IS HIGHLY COMPLEMENTARY TO CONTROL DEVICES' EXISTING BROAD LINE OF BOB® AND BOBBY® BRANDED INDUSTRIAL FLOAT VALVES. WE ARE PRIVILEGED TO CONTINUE TO UPHOLD KERICK VALVE'S REPUTATION AS A HIGH-QUALITY AND HIGHLY RESPONSIVE SUPPLIER TO THE INDUSTRIAL AND AGRICULTURAL TRADE.



# FLOAT VALVES

## FLOAT VALVES - BOB®

### R400 SERIES BOB® FLOAT VALVES

THE R400 SERIES IS A HIGH CAPACITY FLOAT VALVE WITH MALE NPT INLET AND OUTLET CONNECTIONS. THIS MODEL FEATURES AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL. APPLICATIONS INCLUDE COOLING TOWERS, LIVESTOCK WATERERS, CAR WASHES, HIGH PRESSURE WASHES, SWIMMING POOLS AND MANY OTHER AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

**CONSTRUCTION:** HEAVY DUTY CAST BRASS WITH STANDARD NITRILE SEALS OR OPTIONAL VITON® SEALS



*R400 Valve Only - NPT x NPT*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R400-3/8	3/8 NPT	3/8 NPT	9 GPM	11.5 GPM	13 GPM	0.44
R400-1/2	1/2 NPT	1/2 NPT	12 GPM	18 GPM	22 GPM	0.63
R400-3/4	3/4 NPT	3/4 NPT	21 GPM	32.5 GPM	39.9 GPM	0.82
R400-1	1 NPT	1 NPT	43.5 GPM	61 GPM	68.5 GPM	1.13

*R400 Valve Assembly with Brass Stem & Copper Float - NPT x NPT*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	Float Ball	Stem (in)	Max Inlet Pressure	
R400-3/8-5	3/8 NPT	3/8 NPT	R440-5	1/4-20 x 10	125 PSI	1.13
R400-1/2-5	1/2 NPT	1/2 NPT	R440-5	1/4-20 x 10	125 PSI	1.31
R400-3/4-5	3/4 NPT	3/4 NPT	R440-5	1/4-20 x 10	100 PSI	1.50
R400-1-5	1 NPT	1 NPT	R440-6	1/4-20 x 10	100 PSI	1.94

*R400 Lead-Free Brass Float Valve*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R400-3/8-LF	3/8 NPT	3/8 NPT	9 GPM	11.5 GPM	13 GPM	0.44
R400-1/2-LF	1/2 NPT	1/2 NPT	12 GPM	18 GPM	22 GPM	0.63
R400-3/4-LF	3/4 NPT	3/4 NPT	21 GPM	32.5 GPM	39.9 GPM	0.82
R400-1-LF	1 NPT	1 NPT	43.5 GPM	61 GPM	68.5 GPM	1.13

*R400 Lead-Free Brass Float Valve w/ Stainless Steel Stem & Polyethylene Float*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	Float Ball	Stem (in)	Max Inlet Pressure	
R400-3/8-5P-LF	3/8 MIP	3/8 MIP	PF5	1/4-20x10	125 PSI	0.73
R400-1/2-5P-LF	1/2 MIP	1/2 MIP	PF5	1/4-20x10	125 PSI	0.91
R400-3/4-5P-LF	3/4 MIP	3/4 MIP	PF5	1/4-20x10	100 PSI	1.1
R400-1-5P-LF	1 MIP	1 MIP	PF6	1/4-20x10	100 PSI	1.5

**LEAD FREE**  
PRODUCT OFFERINGS AVAILABLE

# FLOAT VALVES

## FLOAT VALVES - BOB®

### R605T HIGH TURBO SERIES BOB® FLOAT VALVES

THE R605T HIGH TURBO SERIES IS A HIGH CAPACITY FLOAT VALVE. IT HAS FEMALE NPT INLET AND FREE FLOWING OUTLET CONNECTIONS. THIS MODEL IS IDEAL FOR APPLICATIONS WITH HIGH TURBULENCE, SUCH AS COOLING TOWERS AND CAR WASHES. FEATURES INCLUDE A COMPOUND LEVER MECHANISM AND ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL.

**CONSTRUCTION:** HEAVY DUTY CAST BRASS WITH STANDARD NITRILE SEALS OR OPTIONAL VITON® SEALS



*R605T & RF605T High Turbo Valve Only - NPT x Free Flow*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
RF605T-1/2	1/2 NPT	Free Flow	GPM 18	24 GPM	27 GPM	1.75
RF605T-3/4	3/4 NPT	Free Flow	GPM 18	24 GPM	27 GPM	1.85
RF605T-1	1 NPT	Free Flow	GPM 63	96 GPM	110 GPM	1.75
R605T-1-1/4	1-1/4 NPT	Free Flow	GPM 112	152 GPM	180 GPM	3.00
R605T-1-1/2	1-1/2 NPT	Free Flow	GPM 112	152 GPM	180 GPM	3.00
R605T-2	2 NPT	Free Flow	GPM 112	152 GPM	180 GPM	3.00

*R400 Valve Assembly with Stem & Float - NPT x NPT*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
RF605T-1/2-5	1/2 NPT	Free Flow	R440-5	1/4-2010 x 10	115 psi	3.00
RF605T-3/4-5	3/4 NPT	Free Flow	R440-5	1/4-2010 x 10	115 psi	3.20
RF605T-1-5	1 NPT	Free Flow	R440-8	3/8-16 x 12*	115 psi	4.90
R605T-1-1/4-5	1-1/4 NPT	Free Flow	R440-7	3/8-16 x 12*	115 psi	4.31
R605T-1-1/2-5	1-1/2 NPT	Free Flow	R440-8	3/8-16 x 12*	115 psi	4.44
R605T-2-5	2 NPT	Free Flow	R440-8	3/8-16 x 12*	115 psi	5.06

\*R434-11 Adaptor Included

*R605T Lead-Free Brass High Turbo Valve*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R605T-1-1/2-LF	1-1/2 FIP	Free Flow	21 GPM	32.5 GPM	39.9 GPM	3
R605T-2-LF	2 FIP	Free Flow	112 GPM	152 GPM	180 GPM	3

### R600 SERIES BOB® FLOAT VALVES

THE R600 SERIES IS A HIGH CAPACITY FLOAT VALVE WITH FEMALE NPT INLET AND OUTLET CONNECTIONS. THIS MODEL FEATURES A COMPOUND LEVER MECHANISM AND ROTATING PLUNGER TO PREVENT SEAL WEAR. APPLICATIONS INCLUDE COOLING TOWERS, LIVESTOCK WATERERS, CAR WASHES, HIGH PRESSURE WASHES, SWIMMING POOLS AND MANY OTHER AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

**CONSTRUCTION:** HEAVY DUTY CAST BRASS WITH STANDARD NITRILE SEALS OR OPTIONAL VITON® SEALS



*R600 Valve Only - NPT x NPT*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R600-1-1/4	1-1/4 NPT	1-1/4 NP	82 GPM	105 GPM	120 GPM	3.50
R600-1-1/2	1-1/2 NPT	1-1/2 NP	82 GPM	105 GPM	120 GPM	3.50

*R600 Valve Assembly with Stem & Float - NPT x NPT*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R600-1-1/4-5	1-1/4 NPT	1-1/4 NP	R440-6	1/4-20 x 10	125 psi	4.50
R600-1-1/2-5	1-1/2 NPT	1-1/2 NP	R440-6	1/4-20 x 10	125 psi	4.50

# FLOAT VALVES

## FLOAT VALVES - BOB®

### R610 SERIES BOB® FLOAT VALVES

THE R610 SERIES IS A HIGH CAPACITY FLOAT VALVE. IT HAS FEMALE NPT INLET AND FREE FLOWING OUTLET CONNECTIONS. THIS MODEL FEATURES A ROTATING PLUNGER TO PREVENT SEAL WEAR, AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL AND A COMPOUND LEVER MECHANISM. APPLICATIONS INCLUDE COOLING TOWERS, LIVESTOCK WATERERS, CAR WASHES, HIGH PRESSURE WASHES, SWIMMING POOLS AND MANY OTHER AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

**CONSTRUCTION:** HEAVY DUTY CAST BRASS WITH STANDARD NITRILE SEALS OR OPTIONAL VITON® SEALS



R610, RF610 Valve Only - NPT x Free Flow

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R610-1-1/4	1-1/4 NPT	Free Flow	112 GPM	152 GPM	180 GPM	2.75
R610-1-1/2	1-1/2 NPT	Free Flow	112 GPM	152 GPM	180 GPM	2.75
R610-2	2 NPT	Free Flow	112 GPM	152 GPM	180 GPM	2.75
RF610-1-1/4	1-1/4 NPT	Free Flow	112 GPM	152 GPM	180 GPM	2.75
RF610-1-1/2	1-1/2 NPT	Free Flow	112 GPM	152 GPM	180 GPM	2.75
RF610-2	2 NPT	Free Flow	112 GPM	152 GPM	180 GPM	2.75

R610, RF610 Valve Assembly with Stem & Float - NPT x Free Flow

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R610-1-1/4-5	1-1/4 NPT	Free Flow	R440-8	1/8 NPT x 12"	115 psi	4.31
R610-1-1/2-5	1-1/2 NPT	Free Flow	R440-8	1/8 NPT x 12"	115 psi	4.44
R610-2-5	2 NPT	Free Flow	R440-8	1/8 NPT x 12"	115 psi	5.06
RF610-1-1/4-5	1-1/4 NPT	Free Flow	R440-8	3/8-16 x 12**	115 psi	4.31
RF610-1-1/2-5	1-1/2 NPT	Free Flow	R440-8	3/8-16 x 12**	115 psi	4.44
RF610-2-5	2 NPT	Free Flow	R440-8	3/8-16 x 12**	115 psi	5.06

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

\*\*R434-11 Adapter Included

R610 Lead-Free Brass Float Valve

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R610-1-1/4-LF	1-1/4 FIP	1-1/4 FIP	112 GPM	152 GPM	180 GPM	2.75
R610-1-1/2-LF	1-1/2 FIP	1-1/2 FIP	112 GPM	152 GPM	180 GPM	2.75
R610-2-LF	2 FIP	2 FIP	112 GPM	152 GPM	180 GPM	2.75
RF610-2-LF	2 FIP	2 FIP	112 GPM	152 GPM	180 GPM	2.75

R610 Lead-Free Brass Float Valve w/ Stainless Steel Stem & Polyethylene Float

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	Float Ball	Stem (in)	Max Inlet Pressure	
R610-1-1/4-5P-LF	1-1/4 FIP	1-1/4 FIP	PF8	3/8-16x12**	115 PSI	3.37
R610-1-1/2-5P-LF	1-1/2 FIP	1-1/2 FIP	PF8	3/8-16x12**	115 PSI	3.5
R610-2-5P-LF	2 FIP	2 FIP	PF8	3/8-16x12**	115 PSI	4.12

\*R434-11 Adapter Included

### RC810 CASA SERIES BOB® FLOAT VALVES

THE RC810 CASA SERIES IS A FLOAT VALVE WITH MALE NPT INLET AND FREE FLOWING OUTLET CONNECTIONS. APPLICATIONS INCLUDE COOLING TOWERS, LIVESTOCK WATERERS, CAR WASHES, HIGH PRESSURE WASHES, SWIMMING POOLS AND MANY OTHER AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

**CONSTRUCTION:** CAST BRASS WITH COMPOUND LEVER MECHANISM AND FLUTED CELCON PLUNGER

**MAX. OPERATING TEMPERATURE:** 120°F

RC810 Valve Only - NPT x Free Flow

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
RC810-3/8*	3/8 NPT	Free Flow	9 GPM	11.5 GPM	13 GPM	0.63
RC810-1/2*	1/2 NPT	Free Flow	14 GPM	20 GPM	22.5 GPM	0.75
RC810-3/4*	3/4 NPT	Free Flow	27 GPM	33 GPM	36 GPM	0.84
RC810-1*	1 NPT	Free Flow	80 GPM	121 GPM	138 GPM	1.56

RC810 Valve Assembly with Stem & Float - NPT x Free Flow

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
RC810-3/8-5	3/8 NPT	Free Flow	R440-5	1/4-20 x 10	120 psi	1.44
RC810-1/2-5	1/2 NPT	Free Flow	R440-5	1/4-20 x 10	120 psi	1.44
RC810-3/4-5	3/4 NPT	Free Flow	R440-5	1/4-20 x 10	100 psi	1.69
RC810-1-5	1 NPT	Free Flow	R440-6	1/4-20 x 10	100 psi	2.06



# FLOAT VALVES

## FLOAT VALVES - BOB®

### R700 SERIES BOB® FLOAT VALVES

THE R700 SERIES IS A HIGH CAPACITY FLOAT VALVE. IT HAS MALE STRAIGHT NPS INLET AND MALE NPT OUTLET CONNECTIONS AND IS DESIGNED FOR TANK WALL MOUNTING INSTALLATION. THIS MODEL FEATURES AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL. APPLICATIONS INCLUDE COOLING TOWERS, LIVESTOCK WATERERS, CAR WASHES, HIGH PRESSURE WASHES, SWIMMING POOLS AND MANY OTHER AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

**CONSTRUCTION:** HEAVY DUTY CAST BRASS WITH STANDARD NITRILE SEALS

*R700 Valve Only - NPS x NPT*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R700-3/8	3/8	3/8	9 GPM	11.5 GPM	13 GPM	0.46
R700-1/2	1/2	1/2	12 GPM	18 GPM	22 GPM	0.66
R700-3/4	3/4	3/4	21 GPM	32.5 GPM	39.9 GPM	0.87

*R700L Valve Only with Lock Nut - NPS x NPT*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R700L-3/8	3/8	3/8	9 GPM	11.5 GPM	13 GPM	0.47
R700L-1/2	1/2	1/2	12 GPM	18 GPM	22 GPM	0.68
R700L-3/4	3/4	3/4	21 GPM	32.5 GPM	39.9 GPM	0.89

*R700L Valve Assembly with Lock Nut, Stem and Float - NPS x NPT*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R700L-3/8-5	3/8	3/8	R440-5	1/4-20 x 10	125 psi	1.12
R700L-1/2-5	1/2	1/2	R440-5	1/4-20 x 10	125 psi	1.33
R700L-3/4-5	3/4	3/4	R440-5	1/4-20 x 10	100 psi	1.54

*R700 Lead-Free Brass Float Valve with Lock Nut*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R700L-1/2-LF	1/2 NPS	1/2 NPT	9 GPM	11.5 GPM	13 GPM	0.66
R700-3/4-LF	3/4 NPS	3/4 NPT	12 GPM	18 GPM	22 GPM	0.87

*R700 Lead-Free Brass Float Valve with Lock Nut, Stainless Steel Stem and Polythylene Float*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	Float Ball	Stem (in)	Max Inlet Pressure	
R700L-1/2-5P-LF	1/2 NPS	1/2 NPT	PF5	1/4-20x10	125 PSI	0.93
R700L-3/4-5P-LF	3/4 NPS	3/4 NPT	PF5	1/4-20x10	125 PSI	1.14



### R900 SERIES BOB® FLOAT VALVES

THE R900 SERIES IS A HIGH CAPACITY FLOAT VALVE. IT HAS MALE NPT INLET AND OUTLET CONNECTIONS. THIS MODEL FEATURES A FLUTED PLUNGER, IDEAL FOR APPLICATIONS WHERE HEAVY SAND AND/OR SILT ARE EXPECTED. ADDITIONAL FEATURES INCLUDE AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL. APPLICATIONS INCLUDE COOLING TOWERS, LIVESTOCK WATERERS, CAR WASHES, HIGH PRESSURE WASHES, SWIMMING POOLS AND MANY OTHER AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

**CONSTRUCTION:** HEAVY DUTY CAST BRASS WITH STANDARD NITRILE SEALS

*R900 Valve Only - NPT x NPT*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R900-3/8	3/8 NPT	3/8 NPT	9 GPM	11.5 GPM	13 GPM	0.44
R900-1/2	1/2 NPT	1/2 NPT	12 GPM	18 GPM	22 GPM	0.63
R900-3/4	3/4 NPT	3/4 NPT	21 GPM	32.5 GPM	39.9 GPM	0.83
R900-1	1 NPT	1 NPT	43.5 GPM	61 GPM	38.5 GPM	1.13

*R900L Valve Assembly with Lock Nut, Stem and Float - NPT x NPT*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R900-3/8-5	3/8 NPT	3/8 NPT	R440-5	1/4-20 x 10	125 psi	1.13
R900-1/2-5	1/2 NPT	1/2 NPT	R440-5	1/4-20 x 10	125 psi	1.31
R900-3/4-5	3/4 NPT	3/4 NPT	R440-5	1/4-20 x 10	100 psi	1.50
R900-1-5	1 NPT	1 NPT	R440-6	1/4-20 x 10	100 psi	1.94



# FLOAT VALVES

## FLOAT VALVES - BOB®

### R1350 & R1351 SERIES BOB® FLOAT VALVES

THE R1350 & R1351 SERIES IS A HIGH CAPACITY FLOAT VALVE. THIS MODEL HAS FEMALE NPT INLET AND OUTLET CONNECTIONS. THIS MODEL IS IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN. FEATURES INCLUDE AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL.

**CONSTRUCTION:** HEAVY DUTY STAINLESS STEEL CAST, AISI 316 STAINLESS STEEL COMPONENTS, STANDARD VITON® SEALS ON R1350 MODELS AND STANDARD TEFLON™ SEALS ON R1351 MODELS



*R1350 Valve Only - with Disc & Cup Made of Viton®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1350-3/8	3/8 NPT	3/8 NPT	37.5 GPM	52 GPM	58 GPM	1.68
R1350-1/2	1/2 NPT	1/2 NPT	37.5 GPM	52 GPM	58 GPM	1.63
R1350-3/4	3/4 NPT	3/4 NPT	37.5 GPM	52 GPM	58 GPM	1.56

*R1351 Valve Only - with Disc & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1351-3/8	3/8 NPT	3/8 NPT	37.5 GPM	52 GPM	58 GPM	1.68
R1351-1/2	1/2 NPT	1/2 NPT	37.5 GPM	52 GPM	58 GPM	1.63
R1351-3/4	3/4 NPT	3/4 NPT	37.5 GPM	52 GPM	58 GPM	1.56

*R1350-5 Valve Assembly with Stem & Float Disc & Cup Made of Viton®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1350-3/8-5	3/8 NPT	3/8 NPT	R1340-5	1/4-20 x 10	85 psi	2.69
R1350-1/2-5	1/2 NPT	1/2 NPT	R1340-5	1/4-20 x 10	85 psi	2.63
R1350-3/4-5	3/4 NPT	3/4 NPT	R1340-5	1/4-20 x 10	85 psi	2.56

*R1351-5 Valve Assembly with Stem & Float Disc & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1351-3/8-5	3/8 NPT	3/8 NPT	R1340-5	1/4-20 x 10	85 psi	2.69
R1351-1/2-5	1/2 NPT	1/2 NPT	R1340-5	1/4-20 x 10	85 psi	2.63
R1351-3/4-5	3/4 NPT	3/4 NPT	R1340-5	1/4-20 x 10	85 psi	2.56

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

# FLOAT VALVES

## FLOAT VALVES - BOB®

### R1360 & R1361 SERIES BOB® FLOAT VALVES

THE R1360 & R1361 SERIES ARE HIGH CAPACITY FLOAT VALVES. THIS MODEL HAS MALE NPT INLET AND FEMALE NPT OUTLET CONNECTIONS. THIS MODEL IS IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN. FEATURES INCLUDE AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL.

**CONSTRUCTION:** HEAVY DUTY STAINLESS STEEL CAST, AISI 316 STAINLESS STEEL COMPONENTS, STANDARD VITON® SEALS ON R1360 MODELS AND STANDARD TEFLON™ SEALS ON R1361 MODELS

*R1360 Valve Only - with Disc & Cup Made of Viton®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1360-3/4	3/4 NPT	3/4 NPT	37.5 GPM	52 GPM	58 GPM	1.31

*R1361 Valve Only - with Disc & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1361-3/4	3/4 NPT	3/4 NPT	37.5 GPM	52 GPM	58 GPM	1.31

*R1360-5 Valve Assembly with Stem & Float Disc & Cup Made of Viton®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1360-3/4-5	3/4 NPT	3/4 NPT	R1340-5	1/4-20 x 10	85 psi	2.31

*R1361-5 Valve Assembly with Stem & Float Disc & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1361-3/4-5	3/4 NPT	3/4 NPT	R1340-5	1/4-20 x 10	85 psi	2.31

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



### R1370 & R1371 SERIES BOB® FLOAT VALVES

THE R1370 & R1371 SERIES ARE HIGH CAPACITY, HEAVY DUTY STAINLESS STEEL CAST FLOAT VALVES FEATURING AISI 316 STAINLESS STEEL COMPONENTS. THIS MODEL HAS FEMALE NPT INLET AND OUTLET CONNECTIONS. THIS MODEL IS IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN. FEATURES INCLUDE AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL.

**CONSTRUCTION:** HEAVY DUTY STAINLESS STEEL CAST, AISI 316 STAINLESS STEEL COMPONENTS, STANDARD VITON® DISC SEAL WITH TEFLON™ CUP SEAL ON R1370 MODELS AND STANDARD TEFLON™ SEALS ON R1371 MODELS

*R1370 Valve Only - with Disc Made of Viton® & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1370-1	1 NPT	3/4 NPT	52.5 GPM	62.4 GPM	71.1 GPM	1.50

*R1371 Valve Only - with Disc & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1371-1	1 NPT	3/4 NPT	52.5 GPM	62.4 GPM	71.1 GPM	1.50

*R1370-5 Valve Assembly with Stem & Float Disc Made of Viton® & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1370-1-5	1 NPT	3/4 NPT	R1340-8	3/8-16 x 10*	85 psi	3.44

*R1371-5 Valve Assembly with Stem & Float Disc & Cup Made of Teflon®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1371-1-5	1 NPT	3/4 NPT	R1340-8	3/8-16 x 10*	85 psi	3.44

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

\* 106272-2 3/8"-16 SAE X 3/8" MIP Adaptor Included



# FLOAT VALVES

## FLOAT VALVES - BOB®

### R1380 & R1381 SERIES BOB® FLOAT VALVES

THE R1380 & R1381 SERIES ARE HIGH CAPACITY FLOAT VALVES. THIS MODEL HAS FEMALE NPT INLET AND OUTLET CONNECTIONS. THIS MODEL IS IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN. FEATURES INCLUDE AN ADJUSTABLE SHORT ARM FOR CUSTOMIZING WATER LEVEL, AND A COMPOUND LEVER MECHANISM.

**CONSTRUCTION:** HEAVY DUTY STAINLESS STEEL CAST, AISI 316 STAINLESS STEEL COMPONENTS, STANDARD VITON® DISC SEAL WITH TEFLON™ CUP SEAL ON R1380 MODELS AND STANDARD TEFLON™ SEALS ON R1381 MODELS



*R1380 Valve Only - with Disc & Cup Made of Viton®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1380-1-1/4	1-1/4 FIP	1-1/4 FIP	112 GPM	152 GPM	180 GPM	4.25
R1380-1-1/2	1-1/2 FIP	1-1/2 FIP	112 GPM	152 GPM	180 GPM	4.25
R1380-2	2 FIP	2 FIP	112 GPM	152 GPM	180 GPM	4.25

*R1381 Valve Only - with Disc Made of Teflon® & Cup Made of Viton®*

Part Number	Pipe Size (in)		Free Discharge Flow Capacity			Weight (lbs)
	Inlet	Outlet	35 PSI	65 PSI	85 PSI	
R1381-1-1/4	1-1/4 FIP	1-1/4 FIP	112 GPM	152 GPM	180 GPM	4.25
R1381-1-1/2	1-1/2 FIP	1-1/2 FIP	112 GPM	152 GPM	180 GPM	4.25
R1381-2	2 FIP	2 FIP	112 GPM	152 GPM	180 GPM	4.25

*R1380-5 Valve Assembly with Stem & Float Disc & Cup Made of Viton®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1380-1-1/4-5	1-1/4 FIP	1-1/4 FIP	R1340-8	3/8-16 x 12*	100 psi	6.25
R1380-1-1/2-5	1-1/2 FIP	1-1/2 FIP	R1340-8	3/8-16 x 12*	100 psi	6.25
R1380-2-5	2 FIP	2 FIP	R1340-8	3/8-16 x 12*	100 psi	6.25

*R1381-5 Valve Assembly with Stem & Float Disc Made of Teflon® & Cup Made of Viton®*

Part Number	Pipe Size (in)		Float Ball	Stem (in)	Max. Inlet Pressure	Weight (lbs)
	Inlet	Outlet				
R1381-1-1/4	1-1/4* FIP	1-1/4 FIP	R-1380-8	3/8-16 x 12*	100 psi	6.25
R1381-1-1/2	1-1/2 FIP	1-1/2 FIP	R1340-8	3/8-16 x 12*	100 psi	6.25
R1381-2-5	2 FIP	2 FIP	R1340-8	3/8-16 x 12*	100 psi	6.25

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

\* 106272-2 3/8"-16 SAE X 3/8" MIP Adaptor Included

# FLOAT VALVES

## MINIATURE FLOAT VALVES - BOBBY®

### BOBBY® BRASS FLOAT VALVE SERIES (RM66, RM71, RM79, RM378)

THE BOBBY® VALVE IS A MINIATURE FLOAT VALVE. BOBBY® VALVES COME STANDARD WITH A NITRILE PLUNGER SEAL AND FEATURE A STANDARD 1/8" ORIFICE SIZE.

**CONSTRUCTION:** BRASS BODY, STAINLESS STEEL SEAT AND A PLASTIC (EITHER POLYETHYLENE OR POLYPROPYLENE DEPENDING ON MODEL) FLOAT

**MAX. TEMPERATURE:** 175°F

*RM66 Assembly with Stem & Polythylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM66	1/4 Compression	9-3/4	1.31 GPM	2.25 GPM	125 PSI	18

*RM79 Assembly with Stem & Polythylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM79	1/2 MNPT Tapped 1/4 FNPT	9-3/4	1.31 GPM	2.25 GPM	125 PSI	30



### BOBBY® T SERIES FLOAT VALVE SERIES (RM150, RM153, RM214)

THE BOBBY® VALVE IS A MINIATURE FLOAT VALVE. BOBBY® VALVES COME STANDARD WITH A NITRILE PLUNGER SEAL AND FEATURE A STANDARD 1/8" ORIFICE SIZE. BOBBY® T SERIES VALVES FEATURE A SIMILAR MECHANICAL OPERATION AS THE LARGER BOB® VALVES.

**CONSTRUCTION:** FORGED BRASS BODY, STAINLESS STEEL SEAT AND A PLASTIC (EITHER POLYETHYLENE OR POLYPROPYLENE DEPENDING ON MODEL) FLOAT

**MAX. TEMPERATURE:** 175°F

*RM150 Assembly with Stem & Polythylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM150	1/4 Compression	9-7/8	1.31 GPM	2.25 GPM	125 PSI	28

*RM153 Assembly with Stem & Polythylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM153	3/8 MNPT Tapped 1/8 FNPT	9-7/8	1.31 GPM	2.25 GPM	125 PSI	33

*RM214 Assembly with Stem & Polythylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM214	1/2 NPT*	9	2.5 GPM	3.5 GPM	125 PSI	12

Similar Mechanical Operation as Larger Bob® Valves

Forged Brass Body with Stainless Steel Seat

\*3/8" Compression Outlet



# FLOAT VALVES

## MINIATURE FLOAT VALVES - BOBBY®

### BOBBY® COMBO FLOAT VALVE SERIES (RM64, RM65, RM155, RM153P)

THE BOBBY® VALVE IS A MINIATURE FLOAT VALVE. BOBBY® VALVES COME STANDARD WITH A NITRILE PLUNGER SEAL AND FEATURE A STANDARD 1/8" ORIFICE SIZE.

**CONSTRUCTION:** COMBINATION BRASS AND NON-CORROSIVE PLASTIC BODY, BRASS INLET AND A PLASTIC (EITHER POLYETHYLENE OR POLYPROPYLENE DEPENDING ON MODEL) FLOAT

**MAX. TEMPERATURE:** 175°F

*RM64 Assembly with Stem & Polyethylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM64	1/4 Compression	9-3/4	1.31 GPM	2.25 GPM	125 PSI	19

*RM153P Assembly with Stem & Polyethylene Float*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM153P	3/8 MNPT Tapped 1/8 FNPT	9-7/8	1.31 GPM	2.25 GPM	125 PSI	33

Body and Seal made of Celcon®



### RM262 SERIES BOBBY® FLOAT VALVES

THE RM262 SERIES MINIATURE FLOAT VALVE. THIS MODEL IS NSF LISTED AS FOOD SERVICE EQUIPMENT AND IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN.

**CONSTRUCTION:** STAINLESS STEEL AND ALL STAINLESS STEEL COMPONENTS AND A STANDARD VITON® PLUNGER SEAL

*RM262 Valve Assembly*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM262-N	1/4 NPT	9	1.31 GPM	2.25 GPM	125 PSI	12



# FLOAT VALVES

## MINIATURE FLOAT VALVES - BOBBY®

### RM262P SERIES BOBBY® FLOAT VALVES

THE RM262 SERIES IS A MINIATURE FLOAT VALVE. THIS MODEL IS NSF LISTED AS FOOD SERVICE EQUIPMENT AND IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN

**CONSTRUCTION:** COMBINATION STAINLESS STEEL AND NON-CORROSIVE

PLASTIC BODY, BRASS INLET AND A PLASTIC (EITHER POLYETHYLENE OR POLYPROPYLENE DEPENDING ON MODEL) FLOAT, ALL STAINLESS STEEL AND FDA APPROVED PLASTIC COMPONENTS, A STANDARD VITON® PLUNGER SEAL, STAINLESS STEEL SEAT, STAINLESS STEEL STEM AND POLYPROPYLENE FLOAT

*RM262P Valve Assembly*

Part Number	Inlet Connections (in)	Overall Length (in)	Flow Capacity		Max. Inlet Pressure	Weight per 100 pcs. (lbs)
			35 PSI	85 PSI		
RM262P-N	1/4 NPT	9-3/4	1.31 GPM	2.25 GPM	125 PSI	6



# FLOAT VALVES

## MINIATURE FLOAT VALVES - BOBBY®

### RM292 SERIES BOBBY® FLOAT VALVES

THE RM292 SERIES IS A MINIATURE FLOAT VALVE AND IS OUR SMALLEST VALVE AND FLOAT ASSEMBLY AVAILABLE. IT IS NSF LISTED AS FOOD SERVICE EQUIPMENT AND IDEAL FOR APPLICATIONS WHERE CAUSTIC FLUIDS ARE USED OR WHERE SANITATION IS A CONCERN.

**CONSTRUCTION:** COMBINATION STAINLESS STEEL AND NON-CORROSIVE

PLASTIC BODY, ALL STAINLESS STEEL AND FDA APPROVED PLASTIC COMPONENTS, COMPACT DESIGN, VERTICAL/HORIZONTAL INLET OPTIONS, VARIOUS INLET CONNECTION TYPES, STAINLESS STEEL SEAT, POLYPROPYLENE FLOAT AND ADJUSTABLE STAINLESS STEEL STEM FOR CUSTOMIZING WATER



*RM292 Series Miniature Valve and Float Assemblies*

Part Number	Vertical Inlet Connection (in)	Float	Orifice (in)	Flow Capacity	Weight (lbs)
RM292-1-N	1/4 Compression Nut	PF33	0.052	0.3 GPM	0.3
RM292P-N	1/4 Compression Nut, Nickel	PF29S-1	0.063	0.56 GPM	0.3

*RM292 Series Miniature Valve and Float Assemblies*

Part Number	Horizontal Inlet Connection (in)	Float	Orifice (in)	Flow Capacity @ 55 PSI	Weight (lbs)
RM292-12-N	1/4 Compression Nut; Bobby® Combo Body	PF29S-1	0.052	0.3 GPM	0.3

*RM292 Series Miniature Valve and Float Assemblies*

Part Number	Vertical Inlet Connection (in)	Float	Orifice (in)	Flow Capacity	Weight (lbs)
RM292-9A-1-N	1/4 Compression Nut	PF16	0.052	0.3 GPM	0.3
RM292-25A-N	1/8 NPT Brass Body	PF16	0.052	0.3 GPM	0.3

# FLOAT VALVES

## ICE KIT RESEVOIRS

### RM107 SERIES ICE KIT BOBBY® VALVE RESERVOIR ASSEMBLIES

THE RM107 SERIES ICE KITS ARE VALVE AND RESERVOIR ASSEMBLIES FOR USE IN ICE-MAKING MACHINES. THEY ARE NSF LISTED AS FOOD SERVICE EQUIPMENT. THE STEM IS ADJUSTABLE FOR CUSTOMIZING WATER LEVEL AND HAS VERTICAL/HORIZONTAL INLET OPTIONS WITH VARIOUS CONNECTION TYPES.

**CONSTRUCTION:** PLATED BRASS, STAINLESS STEEL AND FDA APPROVED PLASTIC MATERIALS, POLYCARBONATE RESERVOIR, POLYPROPYLENE FLOAT, ADJUSTABLE STAINLESS STEEL STEM

Part Number	Inlet Orientation	Inlet Connection (in)	Flow Capacity at 50 PSI (GPM)	Weight (lbs)
107-2211-N	Vertical Brass	1/4 Compression Nut	0.52	0.5
107P-2211-N	Vertical Celcon®	1/4 Compression Nut	0.52	0.5
107P-2221-N	Vertical Celcon®	1/4 Compression Wing Nut	0.52	0.6
107-2241-N	Horizontal Combo	1/4 Compression Nut	0.52	0.6



### RM416 SERIES ICE KIT BOBBY® VALVE RESERVOIR ASSEMBLIES

THE RM416 SERIES ICE KITS ARE VALVE AND RESERVOIR ASSEMBLIES FOR USE IN LARGE CAPACITY ICE-MAKING MACHINES. THEY ARE NSF LISTED AS FOOD SERVICE EQUIPMENT. THE STEM IS ADJUSTABLE FOR CUSTOMIZING WATER LEVEL AND HAS A VERTICAL INLET WITH VARIOUS CONNECTION TYPES.

**CONSTRUCTION:** PLATED BRASS, STAINLESS STEEL AND FDA APPROVED PLASTIC MATERIALS, POLYCARBONATE RESERVOIR, POLYPROPYLENE FLOAT, ADJUSTABLE STAINLESS STEEL STEM

Part Number	Inlet Orientation	Inlet Connection (in)	Flow Capacity at 50 PSI (GPM)	Weight (lbs)
RM416-1-N	Vertical Brass	1/4 Compression Elbow	0.52	0.8



# FLOAT VALVES

## FLOATS

### R440 SERIES SPHERICAL COPPER FLOATS

BOB® COPPER FLOATS ARE MADE IN THE USA AND CONSIST OF TWO HALVES SOLDERED TOGETHER USING AN INSIDE LAPPING JOINT WITH LEAD-FREE SOLDER. EACH MODEL HAS A FEMALE THREAD SPUD CONNECTION. THEY ARE DESIGNED FOR OPEN TANK SERVICE ONLY. THE 10" AND 12" MODELS ARE SPECIAL ORDER ITEMS WITH AN EXTENDED LEAD TIME. SPECIAL ORDER ITEMS ARE NON-RETURNABLE AND NON-CANCELABLE.

**CONSTRUCTION:** COPPER

Part Number	Float Diameter (in)	Buoyancy (lbs)	Spud Connection	Weight (lbs)
R440-3	3	0.34	1/4-20 SAE	0.19
R440-4	4	0.80	1/4-20 SAE	0.38
R440-5	5	1.73	1/4-20 SAE	0.58
R440-6	6	3.26	1/4-20 SAE	0.69
R442-6	6	3.26	3/8-16 SAE	0.69
R440-7	7	5.72	3/8 NPT	1.38
R441-7	7	5.72	5/16-18 SAE	1.38
R442-7	7	5.72	3/8-16 SAE	1.38
R440-8	8	8.03	3/8 NPT	1.94
R442-8	8	8.03	3/8-16 SAE	1.94
R440-10	10	16.66	1/2 NPT	3.25
R442-10	10	16.66	3/8-16 SAE	3.25
R440-12	12	28.38	3/4 NPT	4.50
R442-12	12	28.38	3/8-16 SAE	4.50



### R1340 SERIES STAINLESS STEEL FLOATS

BOB® STAINLESS STEEL FLOATS ARE MADE FROM TWO HALVES OF AISI GRADE 316 STAINLESS STEEL WELDED TOGETHER IN THE USA. THIS MATERIAL PROVIDES AN INCREASED RESISTANCE TO CORROSION AND CHEMICALS. STAINLESS STEEL FLOATS ARE IDEAL FOR HIGH PRESSURE, HIGH TEMPERATURE APPLICATIONS WHERE CORROSION OR SANITATION IS A CONCERN. EACH MODEL HAS A FEMALE THREAD SPUD CONNECTION. THE 7", 10" AND 12" MODELS ARE SPECIAL ORDER WITH AN EXTENDED LEAD TIME. SPECIAL ORDER ITEMS ARE NON-RETURNABLE AND NON-CANCELABLE.

**CONSTRUCTION:** STAINLESS STEEL

Part Number	Float Diameter (in)	Buoyancy (lbs)	Spud Connection	Weight (lbs)
R1340-3	3	0.21	1/4-20 SAE	0.19
R1340-4	4	0.65	1/4-20 SAE	0.44
R1340-5	5	1.55	1/4-20 SAE	0.81
R1340-6	6	2.15	1/4-20 SAE	1.19
R1340-7	7	3.09	3/8 NPT	1.75
R1340-8	8	6.44	3/8 NPT	1.81
R1340-10	10	11.63	1/2 NPT	7.19
R1340-12	12	22.25	3/4 NPT	9.75



# FLOAT VALVES

## FLOATS

### PF SERIES SPHERICAL POLYPROPYLENE FLOATS

BOB® POLYPROPYLENE FLOATS ARE MADE IN THE USA AND ARE LIGHTWEIGHT, CORROSION-RESISTANT AND SUITABLE FOR USE IN A BROAD RANGE OF DESTRUCTIVE FLUIDS. THEY ARE DESIGNED FOR OPEN TANK SERVICE ONLY IN APPLICATIONS WHERE TEMPERATURES DO NOT EXCEED 175°F. CONNECTION TYPE VARIES BY MODEL BETWEEN A FEMALE THREAD SPUD CONNECTION, SLOTTED CONNECTION AND UNIVERSAL THREAD CONNECTIONS. THE PF5, PF6 AND PF8 MODELS ARE BLACK UV RESISTANT.

**CONSTRUCTION:** PLASTIC

Part Number	Float Diameter (in)	Buoyancy (lbs)	Female Spud	Weight (lbs)
PF5	5	1/4-20	2.17	0.18
PF6	6	1/4-20	3.81	0.28
PF6-7	6	5/16-18	3.81	0.28
PF8	8	3/8 NPT	9.87	1.00
PF8-1	8	1/4-20	9.87	1.00
PF8-2	8	3/8-16	9.87	1.00
PF8-7	8	5/16-18	9.87	1.00

  

Part Number	Fits Rod Diameter (in)	Hole Size (in)	Buoyancy (lbs)	Female Spud	Weight (lbs)
PF8-SR375	3/8	0.406	9.00	3/8 NPT	1.00



# FLOAT VALVES

## FLOATS

### PF SERIES POLYPROPYLENE FLOATS

BOB® POLYPROPYLENE FLOATS ARE MADE IN THE USA AND ARE LIGHTWEIGHT, CORROSION-RESISTANT AND SUITABLE FOR USE IN A BROAD RANGE OF DESTRUCTIVE FLUIDS. THEY ARE DESIGNED FOR OPEN TANK SERVICE ONLY. CONNECTION TYPE VARIES BY MODEL, BETWEEN A FEMALE THREAD SPUD CONNECTION, SLOTTED CONNECTION AND UNIVERSAL THREAD CONNECTIONS. SOME MODELS CAN BE WEIGHTED AS REQUIRED.

**CONSTRUCTION:** PLASTIC

**MAX. TEMPERATURE:** 175°F

Part Number	Dimensions (in)	Diameter (in)	Buoyancy (oz)	Female Spud	Weight (oz)
PF21	3.75(l) x 2.625(w) x 2.25(h)		9.23	8-32	1.10
PF21-1	3.75(l) x 2.625(w) x 2.25(h)		9.23	1-/4-20	1.10
PF22 - Internal Spud Polypropylene	3.75(l) x 2.625(w) x 1.437(h)		6.47	**	0.75
PF23 (Cylindrical)	5.25(l)	1.63	5.27	8-32	0.73
PF24 (Pan)	1.75(h)	2.75	5.27	8-32	0.89
PF24-5 (Pan)	1.75(h)	2.75	5.27	1/4-20	0.89
PF26 (Cylindrical)***	3.75(l)	1.50	3.26	**	0.73
PF29 (Cylindrical)	2.625	1.50	2.14	8-32	0.50
PF29S (Cylindrical)	3	1.50	2.78	8-32	0.53
PF29S-1 (Cylindrical)	3	1.50	2.78	Slotted (push-on)	0.53
PF30 (Flat Rectangular)	2.25(l) x 3.375(w) x 1(h)	4.26	8-32	0.78	
PF33 (Square Profile)	2.75(l) x 1.25(w) x 1.25(h)	1.73	Slotted (push-on)	0.40	
PF36 (Micro Pan)	0.75(h)	2.00	1.00	6-32	0.40
PF45 (Oval)	5(l)	4.00	24.30	1/4-20	2.50
PF46 (Cylindrical)	6	4.00	39.10	1/4-20	4.10

\*\*Universal 6-32 and 8-32 connection



# FLOAT VALVES

## REPLACEMENT PARTS/ACCESSORIES

### BRASS FLOAT VALVE REPLACEMENT KITS

PLUNGER, ARM AND SEAL REPLACEMENT KITS FOR BOB® BRASS FLOAT



Part Number	Disc & Cup Kit	Plunger Kit	Arm Kit	Sort Arm, Stem, Thread
R400-3/8	KB100	KB200	KB301	1/4-20 SAE
R400-1/2	KB110	KB210	KB300	1/4-20 SAE
R400-3/4	KB120	KB220	KB300	1/4-20 SAE
R400-1	KB130	KB230	KB302	1/4-20 SAE
R700-3/8	KB100	KB200	KB301	1/4-20 SAE
R700-1/2	KB110	KB210	KB300	1/4-20 SAE
R700-3/4	KB120	KB220	KB300	1/4-20 SAE
R810-3/8	KB133	KB233	KB333	1/4-20 SAE
R810-1/2	KB133	KB233	KB333	1/4-20 SAE
R810-3/4	KB136	KB236	KB333	1/4-20 SAE
R810-1	KB139	KB239	KB339	1/4-20 SAE
R900-3/8	KB161	KB260	KB301	1/4-20 SAE
R900-1/2	KB162	KB261	KB300	1/4-20 SAE
R900-3/4	KB163	KB262	KB300	1/4-20 SAE
R900-1	KB164	KB263	KB302	1/4-20 SAE
R600-1-1/4	KB140	KB240	KB310	1/4-20 SAE
R600-1-1/2	KB140	KB240	KB310	1/4-20 SAE
R605T-1/2	KB143	KB243	KB343	1/4-20 SAE
R605T-3/4	KB143	KB243	KB343	1/4-20 SAE
R605T-1	KB146	KB246	KB346	3/8-16 SAE
R605T-1-1/4	KB149	KB249	KB349	3/8-16 SAE
R605T-1-1/2	KB149	KB249	KB349	3/8-16 SAE
R605T-2	KB149	KB249	KB349	3/8-16 SAE
R610-1-1/4	KB150	KB249	KB320	1/8 NPT
R610-1-1/2	KB150	KB249	KB320	1/8 NPT
R610-2	KB150	KB249	KB320	1/8 NPT
RF610-1-1/4	KB150	KB250	KB320	3/8-16 SAE
RF610-1-1/2	KB150	KB250	KB320	3/8-16 SAE
RF610-2	KB150	KB250	KB320	3/8-16 SAE

# FLOAT VALVES

## REPLACEMENT PARTS/ACCESSORIES

### STAINLESS STEEL FLOAT VALVE REPLACEMENT KITS

PLUNGER, ARM AND SEAL REPLACEMENT KITS FOR BOB® SS FLOAT VALVES



Part Number	Disc and Cup Kits	Plunger Kits	Arm Kits	Short Arm Stem Thread
R1350-3/8	KS100	KS200	KS300	1/4-20 SAE
R1350-1/2	KS100	KS200	KS300	1/4-20 SAE
R1350-3/4	KS100	KS200	KS300	1/4-20 SAE
R1351-3/8	KS110	KS210	KS300	1/4-20 SAE
R1351-1/2	KS110	KS210	KS300	1/4-20 SAE
R1351-3/4	KS110	KS210	KS300	1/4-20 SAE
R1360-3/4	KS100	KS200	KS300	1/4-20 SAE
R1361-3/4	KS110	KS210	KS300	1/4-20 SAE
R1370-1	KS120	KS220	KS310	3/8-16 SAE
R1371-1	KS130	KS230	KS310	3/8-16 SAE
R1380-1-1/4	KS140	KS240	KS320	3/8-16 SAE
R1380-1-1/2	KS140	KS240	KS320	3/8-16 SAE
R1380-2	KS140	KS240	KS320	3/8-16 SAE
R1381-1-1/4	KS150	KS250	KS320	3/8-16 SAE
R1381-1-1/2	KS150	KS250	KS320	3/8-16 SAE
R1381-2	KS150	KS250	KS320	3/8-16 SAE
RM262	KS160			
RM262P	KS160			

# FLOAT VALVES

## REPLACEMENT PARTS/ACCESSORIES

### BOB® STAINLESS STEEL STEMS

THREADED STEMS FOR BOB® SS FLOAT VALVES

Part Number	Length	Thread Type
R1310-8	8"	Male 1/4-20 SAE Heavy Duty (.250 Dia. Rod)
R1310-10	10"	Male 1/4-20 SAE Heavy Duty (.250 Dia. Rod)
R1310-12	12"	Male 1/4-20 SAE Heavy Duty (.250 Dia. Rod)
R1315-10	10"	Male 3/8-16 SAE Heavy Duty (.375 Dia. Rod)
R1315-12	12"	Male 3/8-16 SAE Heavy Duty (.375 Dia. Rod)



### BOB® BRASS STEMS

THREADED STEMS FOR BOB® SS FLOAT VALVES

Part Number	Length	Thread Type
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
A3096-12	12"	5/16" X 18 SAE



### EVERITE LIVESTOCK VALVE REPLACEMENT PARTS

STEMS AND SWIVELS FOR BOB® LIVESTOCK WATERING VALVES

Part Number	Brass Stem Type	Weight (Lbs)
R431-10	1/4-20" x 10"	.12
R433-12	5/16-18" x 12"	.14
R436-12	3/8-16" x 12"	.14

Part Number	Descriptions/Contents
V202-12	Swivel with Chain
	1/4-20 Brass Swivel (1)
	Brass "S" Hook (2)
	12" Brass Chain (1)
	Custom Lengths Available

Part Number	Descriptions/Contents
V202	1/4-20 Brass Swivel (1)
104672-1	Brass "S" Hook (2)
	Brass "S" Hook Only (1)



# FLOAT VALVES

## REPLACEMENT PARTS/ACCESSORIES

### 106272 SERIES STAINLESS STEEL ADAPTER

FLOAT TO STEM STAINLESS STEEL ADAPTERS FOR BOB® SS FLOAT VALVES

Part Number	Thread Combination
106272-1	Female 1/4-20 SAE x Male 3/8 NPT
106272-2	Female 3/8-16 SAE x Male 3/8 NPT
106272-3	Female 1/8-16 NPT x Male 3/8 NPT
106272-7	Female 3/8 NPT x Male 3/4 NPT
106272-12	Female 3/8 NPT x Male 3/4 NPT
106272-13	Female 5/16-18 SAE x Male 3/8 NPT
106272-16	Female 1/8 NPT x Male 1/4 NPT



# FLOAT VALVES

## PVC FLOAT VALVES



### PS3838187, PS383825 & PS3838312

PS3838187, PS383825 & PS3838312 HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVES ARE AVAILABLE WITH .187", .25", AND .312" ORIFICE SIZES TO MATCH REQUIRED FLOW RANGES. THEY ARE STANDARD MOUNT WITH A 3/8" PIPE THREAD INLET AND OUTLET. USE WITH 3" OR 6" RODS AND 4" X 5" OR 2"X2"X4" FLOATS.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

3/8" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		20 PSI	60 PSI
PS3838187	3/8 NPT	3/8 NPT	0.187	4.4 GPM	7.2 GPM
PS383825	3/8 NPT	3/8 NPT	0.25	7.7 GPM	12.5 GPM
PS3838312	3/8 NPT	3/8 NPT	0.312	8 GPM	15 GPM

### PT3838187, PT383825 & PT3838312

PT3838187, PT383825 & PT3838312 HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVES ARE AVAILABLE WITH .187", .25" AND .312" ORIFICE SIZES TO MATCH REQUIRED FLOW RANGES. THEY ARE TANK (BULKHEAD) MOUNT WITH A 3/8" PIPE THREAD INLET AND OUTLET AND EXTENDED THREADS ON THE INLET SIDE OF THE VALVE FOR MOUNTING THROUGH A TANK WALL. VALVES COME COMPLETE WITH SEALING WASHER AND JAM NUT. USE WITH 3" OR 6" RODS AND 4" X 5" OR 2" X 2" X 4" FLOATS.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

3/8" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		20 PSI	60 PSI
PT3838187	3/8 NPT Tank	3/8 NPT	0.187	4.4 GPM	7.2 GPM
PT383825	3/8 NPT Tank	3/8 NPT	0.25	7.7 GPM	12.5 GPM
PT3838312	3/8 NPT Tank	3/8 NPT	0.312	8 GPM	15 GPM

# FLOAT VALVES

## PVC FLOAT VALVES



### PS0505187, PS050525 & PS0505312

PS0505187, PS050525 & PS0505312 HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVES ARE AVAILABLE WITH .187", .25" AND .312" ORIFICE SIZES TO MATCH REQUIRED FLOW RANGES. THEY ARE STANDARD MOUNT WITH A 1/2" PIPE THREAD INLET AND OUTLET. USE WITH 3" OR 6" RODS AND 4" X 5" OR 2" X 2" X 4" FLOATS.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

1/2" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		20 PSI	60 PSI
PS0505187	1/2 NPT	1/2 NPT	0.187	4.4 GPM	7.2 GPM
PS050525	1/2 NPT	1/2 NPT	0.25	7.7 GPM	12.5 GPM
PS0505312	1/2 NPT	1/2 NPT	0.312	8 GPM	15 GPM

### PT0505187, PT050525 & PT0505312

PT0505187, PT050525 & PT0505312 HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVES ARE AVAILABLE WITH .187", .25" AND .312" ORIFICE SIZES TO MATCH REQUIRED FLOW RANGES. THEY ARE TANK (BULKHEAD) MOUNT WITH A 1/2" PIPE THREAD INLET AND OUTLET AND EXTENDED THREADS ON THE INLET SIDE OF THE VALVE FOR MOUNTING THROUGH A TANK WALL. VALVES COME COMPLETE WITH SEALING WASHER AND JAM NUT. USE WITH 3" OR 6" RODS AND 4" X 5" OR 2" X 2" X 4" FLOATS.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

1/2" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		20 PSI	60 PSI
PT0505187	1/2 NPT Tank	1/2 NPT	0.187	4.4 GPM	7.2 GPM
PT050525	1/2 NPT Tank	1/2 NPT	0.25	7.7 GPM	12.5 GPM
PT0505312	1/2 NPT Tank	1/2 NPT	0.312	8 GPM	15 GPM

# FLOAT VALVES

## PVC FLOAT VALVES



### PS75SS

THE PS75SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A STANDARD MOUNT UNIT WITH A .48" ORIFICE. USE WITH A 12" X 1/4" STAINLESS STEEL ROD AND 6" FLOAT.

**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS



Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		30 PSI	60 PSI
	PS75SS	3/4 NPT		3/4 NPT	0.48

### PS75LS

THE PS75LS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A STANDARD MOUNT UNIT WITH A .30" ORIFICE. USE WITH A 12" X 1/4" STAINLESS STEEL ROD AND 4" X 5" FLOAT. WHEN USING LESS THAN MAXIMUM PRESSURE, THE SIZE OF THE ROD MAY BE REDUCED.

**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS



Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		30 PSI	60 PSI
	PS75LS	3/4 NPT		3/4 NPT	0.30

# FLOAT VALVES

## PVC FLOAT VALVES



### PT75LS

THE PT75LS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A TANK (BULKHEAD) MOUNT UNIT WITH A .30" ORIFICE. USE WITH A 1/2" X 1/4" STAINLESS STEEL ROD AND 4" X 5" FLOAT. WHEN USING LESS THAN MAXIMUM PRESSURE THE SIZE OF THE ROD MAY BE REDUCED. IT HAS EXTENDED THREADS ON THE INLET SIDE OF THE VALVE FOR MOUNTING THROUGH A TANK WALL AND COMES COMPLETE WITH SEALING WASHER AND JAM NUT.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

3/4" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		30 PSI	60 PSI
PT75LS	3/4 NPT Tank	3/4 NPT	0.30	13 GPM	16.5 GPM

### PX75SS

THE PX75SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A STANDARD MOUNT UNIT WITH AN EXTENDED INLET. IT HAS A .48" ORIFICE. USE WITH A 1/2" X 1/4" STAINLESS STEEL ROD AND 6" FLOAT.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

3/4" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		30 PSI	60 PSI
PX75SS	3/4 NPT Tank	3/4 NPT	0.48	27.5 GPM	37 GPM

# FLOAT VALVES

## PVC FLOAT VALVES



### PT75SS

THE PT75SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A TANK (BULKHEAD) MOUNT UNIT WITH A .48" ORIFICE. USE WITH A 12" X 1/4" STAINLESS STEEL ROD AND 6" FLOAT BALL. IT HAS EXTENDED THREADS ON THE INLET SIDE OF THE VALVE FOR MOUNTING THROUGH A TANK WALL AND COMES COMPLETE WITH SEALING WASHER AND JAM NUT.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER SEALS

3/4" PVC Float Valves					
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity	
	Inlet	Outlet		30 PSI	60 PSI
PT75SS	3/4 MIP	3/4 MIP	0.48	27.5 GPM	37 GPM

### PS100SS

THE PS100SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A STANDARD MOUNT UNIT WITH A .69" ORIFICE. USE WITH A 12" X 1/4" STAINLESS STEEL ROD AND 6" OR 8" FLOAT BALL. LEVER BRACKETS ON BOTH SIDES OF THE VALVE ALLOW IT TO BE USED UPSIDE-DOWN. TWO FULCRUM POSITIONS ON THE LEVER ADD FURTHER FLEXIBILITY TO ACCOMMODATE DIFFERENT PRESSURES AND FLOW RATES.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

1" PVC Float Valves							
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity (Low Flow Position)		Free Discharge Flow Capacity (High Flow Position)	
	Inlet	Outlet		30 PSI	60 PSI	30 PSI	60 PSI
				PS100SS	1 NPT	1 NPT	0.69

# FLOAT VALVES

## PVC FLOAT VALVES



### PT100SS

THE PT100SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A TANK (BULKHEAD) MOUNT UNIT WITH A .69" ORIFICE. USE WITH A 1/2" X 1/4" STAINLESS STEEL ROD AND 6" OR 8" FLOAT BALL. LEVER BRACKETS ON BOTH SIDES OF THE VALVE ALLOW IT TO BE USED UPSIDE-DOWN. TWO FULCRUM POSITIONS ON THE LEVER ADD FURTHER FLEXIBILITY TO ACCOMMODATE DIFFERENT PRESSURES AND FLOW RATES. THERE ARE EXTENDED THREADS ON THE INLET SIDE OF THE VALVE FOR MOUNTING THROUGH A TANK WALL, AND IT COMES COMPLETE WITH SEALING WASHER AND JAM NUT.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

1" PVC Float Valves							
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity (Low Flow Position)		Free Discharge Flow Capacity (High Flow Position)	
	Inlet	Outlet		30 PSI	60 PSI	30 PSI	60 PSI
	PT100SS	1 NPT Tank		1 NPT	0.69	42 GPM	56 GPM

# FLOAT VALVES

## PVC FLOAT VALVES



### PT100LS

THE PT100LS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A TANK (BULKHEAD) MOUNT UNIT WITH A .38" ORIFICE. USE WITH A 1/2" X 1/4" STAINLESS STEEL ROD AND 6" OR 8" FLOAT BALL. LEVER BRACKETS ON BOTH SIDES OF THE VALVE ALLOW IT TO BE USED UPSIDE-DOWN. TWO FULCRUM POSITIONS ON THE LEVER ADD FURTHER FLEXIBILITY TO ACCOMMODATE DIFFERENT PRESSURES AND FLOW RATES. THERE ARE EXTENDED THREADS ON THE INLET SIDE OF THE VALVE FOR MOUNTING THROUGH A TANK WALL, AND IT COMES COMPLETE WITH SEALING WASHER AND JAM NUT.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEAL

1" PVC Float Valves							
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity (Low Flow Position)		Free Discharge Flow Capacity (High Flow Position)	
	Inlet	Outlet		30 PSI	60 PSI	30 PSI	60 PSI
PT100LS	1 NPT Tank	1 NPT	0.38	12 GPM	16 GPM	19 GPM	26 GPM

# FLOAT VALVES

## PVC FLOAT VALVES



### PS125SS

THE PS125SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A STANDARD MOUNT UNIT WITH A 1.0" ORIFICE. USE WITH A 5/16" THREADED STAINLESS STEEL ROD 14", 16" OR 18" IN LENGTH AND AN 8" FLOAT BALL. LEVER BRACKETS ON BOTH SIDES OF THE VALVE ALLOW IT TO BE USED UPSIDE-DOWN. TWO FULCRUM POSITIONS ON THE LEVER ADD FURTHER FLEXIBILITY TO ACCOMMODATE DIFFERENT PRESSURES AND FLOW RATES.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

1.25" PVC Float Valves							
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity (Low Flow Position)		Free Discharge Flow Capacity (High Flow Position)	
	Inlet	Outlet		20 PSI	50 PSI	20 PSI	50 PSI
	PS125SS	1.25 NPT		1.25 NPT	1.00	85 GPM	124 GPM

### PS150SS

THE PS150SS HEAVY DUTY, NON-CORROSIVE, PVC FLOAT VALVE IS A STANDARD MOUNT UNIT WITH A 1.0" ORIFICE. USE WITH A 5/16" THREADED STAINLESS STEEL ROD 14", 16" OR 18" IN LENGTH AND AN 8" FLOAT BALL. LEVER BRACKETS ON BOTH SIDES OF THE VALVE ALLOW IT TO BE USED UPSIDE-DOWN. TWO FULCRUM POSITIONS ON THE LEVER ADD FURTHER FLEXIBILITY TO ACCOMMODATE DIFFERENT PRESSURES AND FLOW RATES.



**CONSTRUCTION:** NSF APPROVED PVC, 18-8 STAINLESS STEEL HARDWARE, SANTOPRENE® RUBBER REPLACEABLE SEALS

1.5" PVC Float Valves							
Part Number	Pipe Size (in)		Orifice Size (in)	Free Discharge Flow Capacity (Low Flow Position)		Free Discharge Flow Capacity (High Flow Position)	
	Inlet	Outlet		20 PSI	50 PSI	20 PSI	50 PSI
	PS150SS	1.5 NPT		1.5 NPT	1.00	85 GPM	124 GPM

# FLOAT VALVES

MINATURE FLOAT VALVES > PVC



## M SERIES FLOAT VALVES

KERICK'S M SERIES FLOAT VALVES ARE AVAILABLE IN TWO DIFFERENT STYLES: THE ADJUSTABLE ARM STYLE MA AND THE FIXED ARM STYLE M. BOTH ARE TANK (BULKHEAD) MOUNTABLE.

**M252** - 1/4" TUBING INLET, FIXED ARM\*



**MA252** - 1/4" TUBING INLET, ADJUSTABLE ARM\*



**M382** - 3/8" TUBING INLET, FIXED ARM\*



**MA382** - 3/8" TUBING INLET, ADJUSTABLE ARM\*



**M052** - 1/2" PIPE THREAD INLET, FIXED ARM



**MA052** - 1/2" PIPE THREAD INLET, ADJUSTABLE ARM



**MB22** - 1/4" BARB INLET, FIXED ARM



**MAB22** - 1/4" BARB INLET, ADJUSTABLE ARM



**M2S2** - 1/4" PIPE THREAD INLET, FIXED ARM



**MA2S2** - 1/4" PIPE THREAD INLET, ADJUSTABLE ARM



**M2P2** - 1/4" EXTENDED PIPE THREAD INLET, FIXED ARM\*\*\*



**MA2P2** - 1/4" EXTENDED PIPE THREAD INLET, ADJUSTABLE ARM\*\*\*



**M3P2** - 3/8" PIPE THREAD INLET, FIXED ARM



**MA3P2** - 3/8" PIPE THREAD INLET, ADJUSTABLE ARM



\*TUBING INLET MODELS UTILIZE JACO COMPRESSION NUTS FOR PLASTIC TUBING  
\*\* 1/2" VALVES CAN BE TAPPED WITH 1/4" FEMALE PIPE THREAD  
\*\*\* OPTIONAL BULKHEAD NUT

W" SYMBOL,  
MPED ON BODY

## TROUBLE-FREE OPERATION FOR FLOAT VALVE SELECTION AND INSTALLATION

ENSURE THAT THE VALVE, STEM AND FLOAT USED ARE RATED FOR YOUR MAXIMUM INLET PRESSURE AND GPM FLOW RATE. CHECK MINIMUM STEM LENGTH AND MINIMUM FLOAT BALL SIZE. THIS MAY VARY ACCORDING TO YOUR APPLICATION AND MAXIMUM INLET PRESSURE.

ALL BOB® AND BOBBY® ASSEMBLIES ARE SHIPPED STANDARD WITH THE MINIMUM RECOMMENDED STEM AND FLOAT SIZES FOR RELIABLE AND ACCURATE LIQUID LEVEL CONTROL UP TO THE MAXIMUM RATED PRESSURE. SOMETIMES YOU CAN USE A SHORTER STEM WITH A LARGER FLOAT OR VICE VERSA; HOWEVER, NOT ALL COMBINATIONS ARE RELIABLE AT ALL PRESSURES.

ENSURE THAT THE VALVE BODY, DISC, CUP, STEM AND FLOAT MATERIALS ARE COMPATIBLE WITH THE TEMPERATURE AND TYPE OF LIQUID CONTROLLED.

FOR NON-STANDARD ASSEMBLIES, IF YOU SEE THAT THE FLOAT IS COMPLETELY SUBMERGED WITHOUT SHUTTING OFF, OR IF THE FLOAT "BOUNCES" ALL BY ITSELF WITHOUT STOPPING, IT USUALLY MEANS THAT THE FLOAT IS TOO SMALL OR THE STEM IS TOO SHORT TO WORK RELIABLY AT THAT PRESSURE. IF YOUR PARTICULAR APPLICATION REQUIRES A SHORTER STEM, BENT STEM AND/OR SMALLER FLOAT THAN RECOMMENDED, IT WILL REDUCE THE AMOUNT OF LEVERAGE OR BUOYANCY AVAILABLE TO CLOSE THE VALVE, THUS LOWERING THE MAXIMUM RATED INLET PRESSURE. A PRESSURE REGULATOR CAN BE USED TO COMPENSATE FOR A REDUCTION IN THE INLET PRESSURE, INSTEAD OF MODIFYING THE ASSEMBLY OR INSTALLING A REGULATOR. CONTROL DEVICES, LLC RECOMMENDS SELECTING A SMALLER STANDARD ASSEMBLY THAT FITS YOUR AVAILABLE SPACE, OR A SMALLER ORIFICE SIZE TO GAIN RELIABLE SHUT-OFF AT HIGHER PRESSURE. PLEASE NOTE, BY REDUCING THE INLET PRESSURE OR SELECTING A SMALLER ORIFICE SIZE, THE GPM FLOW RATE WILL BE REDUCED. TO AVOID A REDUCTION, CONSIDER USING TWO SMALLER VALVES INSTEAD OF ONE LARGER VALVE TO MEET BOTH YOUR GPM AND SPACE REQUIREMENTS.

ALWAYS ENSURE THAT THE FLOAT VALVE IS MOUNTED RIGIDLY WITH RESPECT TO THE WATER SURFACE. IF THE TANK WALL, SUPPLY PIPE, OR MOUNTING BRACKET IS ABLE TO FLEX OR MOVE, IT MAY CAUSE THE VALVE TO VIBRATE, OSCILLATE OR "SING" VERY LOUDLY. AS THE VALVE STARTS TO CLOSE, THE PRESSURE INCREASES, CAUSING THE VALVE BODY TO FLEX AWAY FROM THE WATER SURFACE. WHEN THE VALVE BODY MOVES AWAY, THE VALVE OPENS WIDER AND THE PRESSURE DECREASES, CAUSING THE VALVE BODY TO FLEX BACK TO ITS ORIGINAL POSITION. AT THIS POINT, THE VALVE BODY STARTS TO CLOSE AGAIN, CREATING A CYCLE OF OSCILLATION. A RIGID MOUNTING SYSTEM PREVENTS THE POTENTIAL FOR THIS KIND OF VIBRATION OR OSCILLATION TO OCCUR.

THE TANK OR RESERVOIR SHOULD ALWAYS INCLUDE PROVISIONS FOR SOME KIND OF OVERFLOW DRAIN SYSTEM CAPABLE OF HANDLING THE MAXIMUM GPM FLOW RATE. DIRT, PHYSICAL DAMAGE, EXCESS PRESSURE, LOOSE OR IMPROPER ADJUSTMENT, NORMAL WEAR, OR MINERAL DEPOSIT BUILDUP OVER TIME MAY PREVENT THE VALVE FROM FULLY CLOSING. AN OVERFLOW DRAIN SYSTEM WILL PREVENT THE POSSIBILITY OF UNEXPECTED FLOODING, SHOULD THIS OCCUR.

TO PREVENT OVERFLOW DURING NORMAL OPERATION, THE OVERFLOW DRAIN SHOULD BE HIGH ENOUGH ABOVE THE SET WATER LEVEL TO ACCOMMODATE THE WATER LEVEL AT YOUR MAXIMUM INLET PRESSURE AND ALLOW FOR ANY SURFACE TURBULENCE. FOR CLOSED LOOP PUMP SYSTEMS, CONSIDER POSITIONING THE OVERFLOW DRAIN LEVEL HIGHER ABOVE THE SET WATER LEVEL. THIS HELPS TO PREVENT OR REDUCE OVERFLOW BY ALLOWING EXTRA STORAGE CAPACITY TO ACCOMMODATE ADDITIONAL LIQUID IN YOUR LOOP SYSTEM THAT MIGHT DRAIN BACK TO THE RESERVOIR OR TANK WHEN THE PUMP IS STOPPED.

NORMAL WEAR OVER THE LIFE OF THE VALVE MAY CAUSE THE WATER LEVEL SETTING AT SHUT OFF TO GRADUALLY INCREASE SLIGHTLY, RESULTING IN OCCASIONAL READJUSTMENT.

SLIGHT LEAKAGE OR DRIPPING AROUND THE VALVE PLUNGER OR CUP SEAL WHEN THE VALVE IS IN THE OPEN POSITION IS NORMAL FOR ALL FLOAT VALVES OF THIS TYPE. IF THE CUP SEAL WAS TIGHT ENOUGH TO PREVENT ANY LEAKAGE OR DRIPPING AT THE PLUNGER, THE PLUNGER MAY BIND AND STICK OPEN OR CLOSED. THE CUP SEAL PREVENTS EXCESSIVE SPRAY FROM OCCURRING AROUND THE PLUNGER AND DIRECTS THE FLOW TO THE VALVE OUTLET WITHOUT CAUSING THE PLUNGER TO BIND. WATER CANNOT DRIP FROM AROUND THE PLUNGER WHEN THE VALVE IS FULLY CLOSED.

A FLOAT VALVE OF THIS TYPE CLOSSES GRADUALLY RATHER THAN IN A "SNAP ACTION" ON/OFF. SLIGHT LEAKAGE OR DRIPPING FROM THE OUTLET AS THE WATER LEVEL REACHES THE SHUT-OFF POINT IS NORMAL, UNLESS THE SEAT OR DISC IS WORN. IF THE FLOAT ARM OR STEM IS LIFTED SLIGHTLY AND THE DRIPPING STOPS, IT INDICATES THE SEAT AND DISC ARE FUNCTIONING NORMALLY, AND THE WATER LEVEL IS JUST NOT HIGH ENOUGH TO ACHIEVE FULL SHUT-OFF.

CONSIDER CAREFULLY WHERE THE VALVE WILL BE MOUNTED. IT IS BEST TO AVOID BENDING THE STEM, IF POSSIBLE. BENDING THE STEM TOO MUCH SHORTENS THE EFFECTIVE LENGTH OF THE STEM REDUCING THE AMOUNT OF LEVERAGE AVAILABLE TO CLOSE THE VALVE. INSTEAD, ADJUST THE LIQUID LEVEL WITH A SHORT ARM AND A THUMB SCREW OR AN ADJUSTING SCREW. THIS MAY VARY ACCORDING TO YOUR PARTICULAR APPLICATION AND MAXIMUM INLET PRESSURE. CUSTOM BENT STEMS CAN BE PURCHASED IF EXACT REQUIREMENTS ARE PROVIDED.



**CONTROL DEVICES, LLC**  
1555 LARKIN WILLIAMS ROAD  
FENTON, MISSOURI 63026

---

+1 636.660.7100  
+1 800.233.1477  
[WWW.CDIVALVE.COM](http://WWW.CDIVALVE.COM)