



Brass and Lead-Free Brass Float Valves

■ Max. temp.: 180°F

Feature an adjustable arm that allows you to adjust water to the desired level and are suitable for a variety of agricultural and industrial uses. 48RJ98, 48RJ99, 30UN54, 48RK01, 30UN55 are suitable for use in high turbulence applications such as in car washes and cooling towers.

Size	Connec. Type	Rod Thread	Body Material	Mounting	Max. Pressure (psi)	Valve Flow - Press. (1) (psi)	Valve Flow - Flow (1) (gpm)	Valve Flow - Press. (2) (psi)	Valve Flow - Flow (2) (gpm)	Item No.
¾"	MNPT	¼ in -20	Brass	Bulkhead	125	65	11.5	85	13	48RJ95 *
	MNPT	¼ in -20	Brass	Pipe	125	65	11.5	85	13	48RJ89
	MNPT	¼ in -20	Lead Free Brass	Pipe	125	65	11.5	85	13	30UN50
½"	MNPT	¼ in -20	Brass	Bulkhead	125	65	18	85	22	48RJ93
	MNPT	¼ in -20	Brass	Bulkhead	125	65	18	85	22	48RJ96 *
	MNPT	¼ in -20	Brass	Pipe	125	65	18	85	22	48RJ90
½" NPT x ½" NPT	MNPT	¼ in -20	Lead Free Brass	Pipe	125	65	18	85	22	30UN51
	MNPT	¼ in -20	Brass	Bulkhead	100	65	32.5	85	40	48RJ94
	MNPT	¼ in -20	Brass	Bulkhead	100	65	32.5	85	40	48RJ97 *
¾" NPT x ¾" NPT	MNPT	¼ in -20	Lead Free Brass	Pipe	100	35	21	85	40	30UN52
	MNPT	¾ in -16	Brass	Pipe	115	65	152	85	180	48RJ98
	MNPT	¾ in -16	Brass	Pipe	115	65	152	85	180	48RJ99
1"	MNPT	¼ in -20	Lead Free Brass	Pipe	115	65	152	85	180	30UN54
	MNPT	¼ in -20	Brass	Pipe	100	65	61	85	69	48RJ92
	MNPT	¼ in -20	Brass/Plastic	Pipe	100	35	44	85	69	23MJ94
1" NPT x 1" NPT	MNPT	¼ in -20	Lead Free Brass	Pipe	125	65	61	85	69	30UN53
	MNPT	¼ in NPT	Bronze	Pipe	75	60	175	20	58	415F18
	MNPT	¾ in -16	Brass	Pipe	115	65	152	85	180	48RK01
2"	MNPT	¾ in -16	Lead Free Brass	Pipe	115	65	152	85	180	30UN55
	MNPT	¾ in NPT	Bronze	Pipe	50	60	400	20	125	415F19

*Include locknut and gasket.



Size	Rod Length	Rod Thread	Connec. Type	Max. Pressure (psi)	Max. Temp.	Valve Flow - Pressure (1) (psi)	Valve Flow - Flow (1) (gpm)	Valve Flow - Pressure (2) (psi)	Valve Flow - Flow (2) (gpm)	Brand	Item No.
Float Valve											
¾"	10 in	¼ in -20	MNPT	125	180 °F	35	9	85	13	—	471F70
	10 in	¼ in -20	MNPT	125		35	12	85	22	—	471F71
	10 in	¼ in -20	NPSM	165		50	20	100	31	Watts	22DN4 *
¾"	10 in	¼ in -20	MNPT	100		35	21	85	40	—	471F72
	12 in	¼ in -20	NPSM	165		50	40	100	60	Watts	22DN5 *
	12 in	¼ in -20	MNPT	100		35	44	85	69	—	471F73
1¼"	12 in	¾ in -16	FNPT	150	35	112	85	180	—	471F74	
1½"	12 in	¾ in -16	FNPT	150	35	112	85	180	—	471F75	
2"	12 in	¾ in -16	FNPT	150	35	112	85	180	—	471F76	
Float Valve with Threaded Outlet											
¾"	10 in	¼ in -20	NPSM	125	180 °F	50	14	100	21	Watts	46A983
	10 in	¼ in -20	MNPT	125		50	20	100	31	Watts	46A984
	12 in	¼ in -20	NPSM	125		50	40	100	60	Watts	46A985
1"	12 in	¼ in -20	MNPT	125		50	100	100	150	Watts	46A986
	12 in	¾ in -16	FNPT	165		50	250	100	348	Watts	46A987
	12 in	¾ in -16	FNPT	165		50	250	100	348	Watts	46A988
Heavy Duty Float Valve											
1¼"	12 in	¾ in -16	FNPT	165	180 °F	50	250	100	348	Watts	46A987
1½"	12 in	¾ in -16	FNPT	165		50	250	100	348	Watts	46A988
2"	12 in	¾ in -16	FNPT	165		50	250	100	348	Watts	46A989



Bronze Float Valves

■ Brass rod

These heavy-duty float valves are ideal for the reliable control of liquids in cooling towers, open tanks, reservoirs, or vats. Models feature a float arm that adjusts easily to control the water level. 22DN4 and 22DN5 are bulkhead-mount and have a machined flange on inlet side with male straight pipe threading for locknut. 46A987 to 46A989 can be tank wall mounted. 52WY27 to 52WY54 include a float that can be set anywhere in a 360° circle around the valve body.

Size	Float Size	Rod Length	Rod Thread	Max. Pressure (psi)	Max. Temp.	Valve Flow - Pressure (1) (psi)	Valve Flow - Flow (1) (gpm)	Brand	Item No.
Angle Float Valve with Threaded Outlet									
½"	5 in	16 in	¼ in NPT	100	180 °F	60	30	—	52WY27
	5 in	16 in	¼ in NPT	100	450 °F		30	—	52WY41
¾"	5 in	16 in	¼ in NPT	100	180 °F		50	—	52WY28
	5 in	16 in	¼ in NPT	100	450 °F		50	—	52WY42
1"	6 in	18 in	¼ in NPT	100	180 °F		75	—	52WY29
	6 in	18 in	¼ in NPT	100	450 °F		75	—	52WY43
1¼"	6 in	18 in	¼ in NPT	100	180 °F		100	—	52WY30
	6 in	18 in	¼ in NPT	100	450 °F		100	—	52WY44
1½"	6 in	18 in	¼ in NPT	100	180 °F		125	—	52WY31
	6 in	18 in	¼ in NPT	100	450 °F		125	—	52WY45
2"	8 in	20 in	¼ in NPT	75	180 °F		175	—	52WY32
	8 in	20 in	¼ in NPT	75	450 °F		175	—	52WY46
3"	9 in	24 in	¾ in NPT	75	180 °F		400	—	52WY33
	9 in	24 in	¾ in NPT	75	450 °F		400	—	52WY47
Globe Float Valve with Threaded Outlet									
½"	5 in	16 in	¼ in NPT	100	180 °F	60	30	—	52WY34
	5 in	16 in	¼ in NPT	100	450 °F		30	—	52WY48
¾"	5 in	16 in	¼ in NPT	100	180 °F		50	—	52WY35
	5 in	16 in	¼ in NPT	100	450 °F		50	—	52WY49
1"	6 in	18 in	¼ in NPT	100	180 °F		75	—	52WY36
	6 in	18 in	¼ in NPT	100	450 °F		75	—	52WY50
1¼"	6 in	18 in	¼ in NPT	100	180 °F		100	—	52WY37
	6 in	18 in	¼ in NPT	100	450 °F		100	—	52WY51
1½"	6 in	18 in	¼ in NPT	100	180 °F		125	—	52WY38
	6 in	18 in	¼ in NPT	100	450 °F		125	—	52WY52
2"	8 in	20 in	¼ in NPT	75	180 °F		175	—	52WY39
	8 in	20 in	¼ in NPT	75	450 °F		175	—	52WY53
3"	9 in	24 in	¾ in NPT	75	180 °F		400	—	52WY40
	9 in	24 in	¾ in NPT	75	450 °F		400	—	52WY54

* Include locknut and gasket.



Size	Rod Thread	Connec. Type	Max. Pressure (psi)	Valve Flow - Pressure (1) (psi)	Valve Flow - Flow (1) (gpm)	Valve Flow - Pressure (2) (psi)	Valve Flow - Flow (2) (gpm)	Brand	PTFE Seal Max. Temp.	Item No.	Viton Seal Max. Temp.	Item No.
Float Valve												
¾ in	¼ in -20	FNPT	85	35	38	85	58	Bob	550 °F	23MJ74	—	—
¾ in	¼ in -20	FNPT			38		58	Bob	—	450 °F	23MJ71	
½ in	—	FNPT			38		58	Bob	550 °F	23MJ72	450 °F	23MJ69
¾ in	¼ in -20	FNPT			38		58	Bob	550 °F	23MJ73	450 °F	23MJ70
¾ in	—	MNPT			38		58	Bob	550 °F	23MJ76	450 °F	23MJ75
1 in	—	FNPT	53		71		Bob	550 °F	23MJ78	450 °F	23MJ77	
1 ½ in	¾ in -16	FNPT	100		112		180	Bob	550 °F	23MJ82	450 °F	23MJ79
1 ¼ in	—	FNPT	112		180		Bob	550 °F	23MJ83	450 °F	23MJ80	
2 in	—	FNPT	112		180		Bob	550 °F	23MJ84	450 °F	23MJ81	
Size	Float Size	Rod Length	Rod Thread	Max. Pressure (psi)	Max. Temp.	Valve Flow - Pressure (1) (psi)	Valve Flow - Flow (1) (gpm)	PTFE Seal Item No.				
Angle Float Valve with Threaded Outlet												
½ in	5 in	16 in	¾ in NPT	100	450 °F	60	30	52WY55				
¾ in			100	50			52WY61					
1 in	¼ in NPT	100	75	52WY62								
1 ½ in	6 in	18 in	100	100			52WY63					
2 in	8 in	20 in	¾ in NPT	75			175	52WY64				
Globe Float Valve with Threaded Outlet												
½ in	5 in	16 in	¾ in NPT	100	450 °F	60	30	52WY60				
¾ in			100	50			52WY56					
1 in	¼ in NPT	100	75	52WY57								
1 ½ in	6 in	18 in	100	100			52WY58					
2 in	8 in	20 in	¾ in NPT	75			175	52WY59				

Stainless Steel Float Valves

■ Stainless steel rod

High-capacity float valves are ideal for use with caustic fluids and in sanitary applications. Feature an adjustable short arm for customizing water level. Pipe mounting. Bob branded items are NSF compliant.