

Experience
since 1966



Schwimmerventile

**ALWAYS
ON THE
RIGHT
LEVEL ...**

...with PVA float valves.

schwimmerventile.de/en/home

PVA FLOAT VALVES FOR REGULATION

OUR RELIABLE FLOAT OPERATED VALVES ARE MADE FOR AUTOMATIC FILLING OF WATER STORAGE TANKS. WITH OUR FLOAT VALVES YOU CAN REGULATE THE FILL LEVELS IN TANKS OF DIFFERENT SIZES SELF-CONTAINED AND RELIABLY. THE APPLICATIONS IN WHICH OUR FLOAT VALVES ARE USED ARE MANIFOLD AND CAN BE FOUND IN MANY SECTORS OF THE ECONOMY.

IN ALL APPLICATIONS, A TARGET LEVEL IS DETECTED AND KEPT AT A LEVEL MAINTAINED BY THE FLOW OF THE VALVES. THE FLOAT VALVES DO NOT SERVE AS A SAFETY VALVE TO PROTECT AGAINST OVERPRESSURE.

FINDING THE PERFECT FLOAT VALVE FOR YOUR APPLICATION IS OUR PROFESSION ...



Industry



For industrial applications, we offer valve versions that are designed for particularly high demands. Here, just-in-time deliveries can be offered. This saves high storage costs for plant construction. Special designs in and large series cover the regular demand and can be made as a annual order.



Cleaning technology



Safety separation stations/containers to protect drinking water according to DIN EN 1717 have been a requirement for many years. Our valves have been used for many years in the development and construction of high-pressure cleaners, washing systems and cleaning equipment, even at high temperatures of up to 100°C and with chemicals. This means that this standard can be implemented without any technical problem.



Recycling



In the use of grey water process and also in fire water tanks, our mechanical float valves are installed in the high-pressure and low-pressure range. High flow rates can be safely refilled and regulated in a short time with valves up to size DN 100/4 inch.



Agricultural technology



For decades, our valves have been proved themselves in poultry farming thanks through their specially developed and patented small float valves and steel spring valves. Today, PVA floats can be found in many drinking bowls. Particularly when inoculating via the drinking water or when adding medications, there will be no chemical change. This represents our contribution to an adequate animal husbandry.



Garden technology



In irrigation technology, many applications can be optimized with float valves. Greenhouses, capillary irrigation, plant tables, cisterns, wells are just a few examples where particularly high flow rates with low operating pressure look for our solution. Swimming ponds and garden ponds as well as aquariums are often refilled and topped up automatically in combination with pump technology.



Rainwater



Rainwater harvesting in the garden and house saves money and supports the environment, which is why many rainwater tanks are equipped with PVA valves for filling regulation and as drain regulators. Submersible pumps are also easily and safely switched with our plastic floats for floating removal. Level measurement and level switches can be combined with our hollow bodies.



Sanitary technology



Our company history began as a manufacturer of suspended toilet cisterns. Today, we have been supplying the sanitary trade and wholesalers with uni-filling valves for decades, as well as many variants which the installer can mount in building services and swimming pool technology, as well as in plant construction as filling valves and float switches, especially in maintenance.



Air conditioning



Normally, purely mechanical float valves are used for level control in refrigeration systems. Air humidification, air washing and now currently air purification and disinfection systems are equipped with tanks that are refilled or fitted with float balls which support a pressure equalization function.

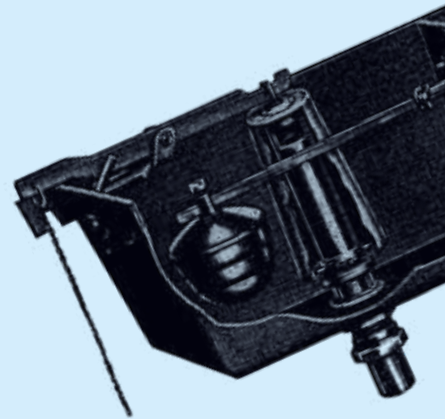


Caravaning water use



For many years, a proven and smart solution also for the caravan sector saves the camper the transport of water and fills water tanks of any size easily and automatically with our small float valves. The requirements for drinking water can be guaranteed by using food-safe materials.

OUR COMPANY HISTORY



Foundation

In 1966, Hans Rüter founded the company PVA Plastik-Ventil-Armaturen GmbH in Willich-Neersen. The company results form a takeover of the Carl Aug. Rothenstein company in Düsseldorf, which had been equipping toilet cisterns with patented, self-closing flush valves since 1938. He had been looking for an experienced valve manufacturer who could produce the valves for his own invention "automatic poultry drinkers". These were patented and sold worldwide. Furthermore, millions of float valves made of brass and plastic components were supplied to the sanitary industry and the agricultural sector as well as to many other economic sectors. The patented PVA small float valves were the next step in developing and producing valve solutions for the market.

Location

In 1991, it became mandatory to expand the company and change the location. The continuous modernization of production and the expansion of the product range under the responsibility of the new shareholder-manager, Christoph Mombers, were the main reasons for this change.

A new building, located in Tönisvorst near Düsseldorf with a very good infrastructure as well as an expanded production, storage and administration area is today's base to supply the specialized trade, wholesalers and many industrial customers throughout Europe according to the "just in time" principle.

Assortment



The addition of the German distribution of the **JFCAGRI** Ireland brand in the field of agricultural plastic products has enormously expanded our delivery program for the agricultural sector with animal husbandry equipment. Our special competence is the equipment of drinking systems with valves from our own production.

With the representation for **JOBE VALVES NZ** in Germany, we enable partial filling and fast-fill function in tanks with partially patented valves. We face the challenge of the market by offering our customers from many industries not only large, small and special series but also customized constructions. The implementation of the highest quality standards is always guaranteed by continuously modified materials.

The valve configurator is now available to every customer and user as a special service, helping them to find the optimum valve for their container from our large product range.

Customers

The constant further development, resulting from the daily enquiries from many economic sectors to our team regarding level control, leads to the continuous expansion of our customer base. Reliable service and short delivery times for new and replacement requirements are the foundation of our more than 50 years of success. **We do hope that you, as our potential customer, will also benefit from our services "tomorrow"!** Our team is looking forward to you, because "satisfied customers are our best advertisement".

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PEKI-BRASS-FLOAT VALVES MADE IN GERMANY SINCE 1966 – THE PVA-HOUSE BRAND



Our mechanical PEKI valve series has been manufactured for decades from high-quality hot pressed parts and precision turned parts, which are assembled with modern injection moulded parts and sealing elements from German production. PEKI valves can be manufactured according to customer requirements in construction length, material of the seal as well as in chemical nickel plating.

MATERIAL	brass / chem. nickel-plated / stainless steel
SEAL	NBR - EPDM - VITON
MAX. TEMPERATURE	70°C - 100°C - 100°C



PEKI classic				
Model	8A	8A-170	8A-1/2	-
Connection thread	3/8"	3/8"	1/2"	-
Thread length in mm	24	24	35	-
Valve seat in mm	3	3	3	-
Flow rate l/min (3 bar)	8	8	8	-
Max pressure	10 bar	8 bar	8 bar	-
Length of construction in mm	360	245	245	-
Weight in g	178	156	204	-
Recommended float	8-90bl / 8H			-

The PEKI Classic model 8A was originally developed as a refill valve for high-hanging cisterns and for pressure compensation tanks. Easier installation, stepless adjustment of the fill level, secured functionality, low wear and long service life are the main features of our PEKI brass valves.



PEKI compact float valve				
Model	8ADBL3	8ADBL4	8ADBL4-N	-
Connection thread	3/8"	1/2"	1/2"	-
Thread length in mm	24	35	35	-
Valve seat in mm	3	3	12	-
Flow rate l/min (3 bar)	8	8	0,5	-
Max pressure	5 bar	5 bar	0,5 bar	-
Length of construction in mm	170			-
Weight in g	176	218	218	-
Incl. float	453			-

The PEKI compact float valve is the smallest PEKI variant that can be used in small containers. This design of less than 200 mm allows to use it in small drinking bowls for high-pressure and low-pressure connection.



PEKI „big“ bore series				
Model	8G8	8G12	8G12/2	8G12/2LG
Connection thread	3/8"	3/8"	1/2"	1/2"
Thread length in mm	24	24	24	35
Valve seat in mm	8	12	12	12
Flow rate l/min (3 bar)	16	30	30	30
Max pressure	8 bar	6 bar	6 bar	6 bar
Length of construction in mm	270-330			
Weight in g	154	154	185	195
Recommended float	8H			

The PEKI series "big" bore addresses the need of many users for more flow. The models are designed with 7,8 and 12 mm valve seat bores, which are commonly found in 3/4" and 1" valves. This allows a high filling capacity in a compact design.



PEKI vertical series				
Model	8G12-V	8G12/2LG-V	8A-VA	-
Connection thread	3/8"	1/2"	3/8"	-
Thread length in mm	24	35	24	-
Valve seat in mm	12	12	3	-
Flow rate l/min (3 bar)	30	30	8	-
Max pressure	6 bar	6 bar	6 bar	-
Length of construction in mm	270	270	230–245	-
Weight in g	291	322	322	-
Recommended float	8H		8-90VAB	

The PEKI vertical valve is ideally suited for containers in which the fill level is supposed to remain low. The fill level is stepless adjustable and can be vertically regulated over 110 mm in a compact way.

BRASS AND NICKEL FLOAT VALVES „LARGE CONSTRUCTION“



The following valve series can be combined with our hollow float balls made of high-quality PE-HD plastic (max. 70 °C) or alternatively with copper balls or stainless-steel balls (page 10). Some of our valves have the French drinking water certification ACS: "Attestation de conformité sanitaire", which guarantees the suitability of products that come in contact with drinking water and are therefore intended for human consumption.

MATERIAL	brass / chem. nickel-plated
SEAL	NBR - EPDM
MAX. TEMPERATURE	80 °C



Serie 8- brass "large type" - with open construction						
Model	8-½	8-3/4	8-1	8-1 ¼	8-1 ½	8-2
Connection thread	½"	¾"	1"	1 ¼"	1 ½"	2"
Valve seat in mm	8	8	10	20	21	26
Flow rate l/min (3 bar)	60	60	100	450	500	820
Max pressure	8 bar	8 bar	6 bar	4 bar	4 bar	4 bar
Length of construction in mm	350	350	455	570	585	595
Weight in g	420	436	610	1458	1955	2500
Recommended float	8-120	8-120	8-150	8-180	8-220	8-300

The brass valve series 8 brass "large type" with open construction is designed for a fast refill of any water tanks with high filling level. Due to the large valve bore and their simple mechanical control, they can also be operated without pressure. The sizes ½" to 1" are also available with chemical nickel plating.



Noisless float valve serie Typ 8F						
Model	8-½-F	8-3/4-F	8-1-F	8-1 ¼-F	8-1 ½-F	8-2-F
Connection thread	½"	¾"	1"	1 ¼"	1 ½"	2"
Valve seat in mm	8	9	13	20	21	26
Flow rate l/min (3 bar)	48	60	65	210	225	228
Max pressure	0,5- 8 bar					
Length of construction in mm	390	390	390	730	740	740
Weight in g	520	600	610	1580	1690	2210
Recommended float	8-120	8-120	8-150	8-180	8-220	8-300

The quiet brass-nickel float valves enable all requirements for high filling capacities and are designed for industrial applications. However, due to their diaphragm valve technology, they are dependent on the supply pressure. Due to their closed design with immersion tube connection, these valves are suitable for a splash water free environment. Due to the chemical nickel plating and the stainless steel float bar, they are protected against corrosion and can also be used in salty liquids and chemicals.



brass-nickel valves serie 511 float-valves open construction						
Model	8-3-F	8-4-F	-	-	-	-
Connection thread	3"	4"	-	-	-	-
Valve seat in mm	36	50	-	-	-	-
Flow rate l/min (3 bar)	650	1200	-	-	-	-
Max pressure	5 bar	5 bar	-	-	-	-
Length of construction in mm	950	1010	-	-	-	-
Weight in g	3760	5920	-	-	-	-
Recommended float	8-300	8-300	-	-	-	-

The float valve series 511 complements the valve series "8 large type" with the connection sizes 3" and 4". The valves are made of brass in combination with chemical nickel plating. In addition, the float bar as well as the sliding joint is fabricated in stainless steel, thus providing a long service life.

HIGH QUALITY
COMPONENTS CERTIFICATED
ACCORDING TO ISO 9001-2008

HIGH PRESSURE FLOAT VALVES TILL 15 BAR



The valve series, designed for high performance pressure, are stepless adjustable and can be installed quietly and without splash water when using the immersion tube. The components are chemically nickel-plated and thus offer corrosion protection for all valves.

MATERIAL	brass / chem. nickel / V2A
SEAL	Silicone - EPDM
MAX. TEMPERATURE	70°C – 120°C



Construction line 524 – till 12 bar

Model	524-½	524-¾	524-1	524-1-1¼	524-1-½	524-2
Connection thread	½"	¾"	1"	1 ¼"	2"	2"
Valve seat in mm	15	83	123	288	288	461
Flow rate l/min (3 bar)	12 bar					
Max pressure	330	580	580	690	700	720
Length of construction in mm	300	840	880	1720	1900	3110
Weight in g	8-120	8-150	8-180	8-220	8-220	8-300

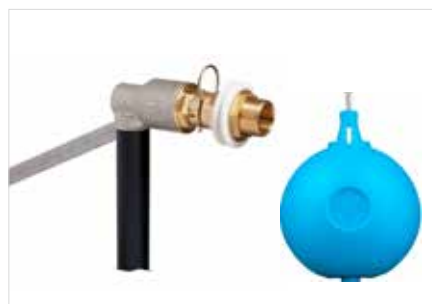
The nickel float valve construction line 524 is designed for high line pressures up to 12 bar. It is characterized by a valve seat made of stainless steel and it is suitable for temperatures up to 80°C. The valve tappet is made of brass.



Construction line Master 824 – till 15 bar

Model	824-½	824-¾	824-1	824-1 ¼	824-1 ½	824-2
Connection thread	½"	¾"	1"	1 ¼"	1 ½"	2"
Valve seat in mm	13	20,5	20,5	27	32,5	42
Flow rate l/min (3 bar)	16	83	83	106	288	461
Max pressure	15 bar					
Length of construction in mm	390	390	390	730	740	740
Weight in g	520	600	610	1580	1690	2210
empfohlener Schwimmer	8-120	8-150	8-180	8-220	8-220	8-300

The construction line master 824 nickel float valve is specially designed for very high line pressures up to 15 bar and also achieves all requirements for high filling capacities. Like the 524 series, it has a valve seat made of stainless steel and stands out in terms of temperature resistance of up to 120°C.



High performance line 525 Globus – till 12 bar

Model	525-½	525-¾	-	-	-
Connection thread	½"	¾"	-	-	-
Valve seat in mm	8	8	-	-	-
Flow rate l/min (3 bar)	86	86	-	-	-
Max pressure	0,5 – 12 bar	0,5 – 12 bar	-	-	-
Length of construction in mm	430	430	-	-	-
Weight in g	1230	1230	-	-	-
empfohlener Schwimmer	8-150-525 (beschwert mit 400 g)				

The Globus construction line 525 fills the tank very quietly and is robust against vibrations. A filter at the valve input keeps pollution from flowing into the system. The new two-position quick connection system (High performance) simplifies installation and maintenance. It is resistant to temperatures up to 80°C.

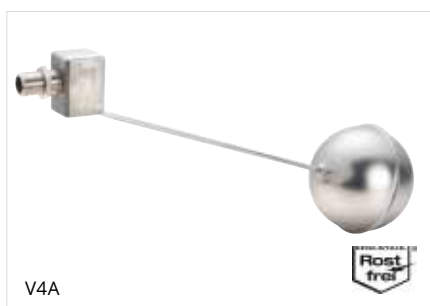


STAINLESS STEEL FLOAT VALVES



Float valves made of VA materials are suitable for simple mechanical regulation of filling levels in the food, pharmaceutical and chemical industries.

MATERIAL	V2A 1.4301 / V4A 1.4408
SEAL	Silicone - EPDM
TEMPERATURE	-20°C – 150°C



Float valve series 500VA – open construction

Model	500VA	501VA	502VA	503VA	504VA	505VA	506VA
Connection thread	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Thread length in mm	10	14	19	23	25	38	38
Flowrate l/min (3 bar)	25	80	140	200	320	445	445
Max pressure	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar	10 bar
Length of construction in mm	280	410	500	580	580	620	720
Weight in g	350	550	1000	1050	1250	3450	3750
Recommended float	500-90VA	500-110VA	500-160VA		500-200VA		



Simple – safe – practical

The VA series 500 are simply constructed, mechanical stainless steel float valves. They are designed for use at high temperatures (up to 150°C) in containers in which the level is set once by the installation height of the float valve with its fixed ball and does not need to be readjusted.



Float valve series 700VA – open construction

Model	700VA	701VA	702VA	703VA	704VA	705VA	706VA
Connection thread	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Thread length in mm	5	6	9	10	20	21	26
Flowrate l/min (3 bar)	35	40	90	120	373	411	631
Max pressure	8 bar	8 bar	8 bar	8 bar	5 bar	5 bar	5 bar
Length of construction in mm	455	500	560	600	680	680	680
Weight in g	580	640	828	1020	2900	2920	2950
Recommended float	700-130VA	700-130VA	700-160VA	500-160VA	700-220VA	700-300VA	700-300VA

Simple – safe – adjustable

The VA series 700 allow stepless adjustment of the level and have a flat float bar for fixing variable floats. They are suitable for high and low pressure and high temperatures up to 120°C, but not suitable for drinking water.



Float valve series 700VA – open construction

Modell	901VA	902VA	903VA
Connection thread	1/2"	3/4"	1"
Thread length in mm	5,5	11	13
Flowrate l/min (3 bar)	15	80	110
Max pressure	5 bar 10 bar	5 bar 10 bar	5 bar 10 bar
Length of construction in mm	420	610	630
Weight in g	535	1240	1250
Recommended float	900-90VA 900-130VA	900-150VA 900-170VA	900-170VA 900-200VA

For very special claims

The VA series 900 diamond are suitable for devices and equipment that either require excellent resistance to corrosion and oxidation or are used in the food industry. Of course, the 900VA series are also stepless adjustable and designed for high temperatures up to 110°C.

FLOATER



Each float valve usually opens and closes mechanically by a float body according to the filling level in a container.

We supply diverse floaters for our valve series, which, depending on the design and size, allows many different applications. The use of different sizes, shapes and materials optimizes the use of PVA float valves in many areas of application.

From the space-saving compact floater made of high-quality HDPE plastic to the complex VA floater with individual fixing options, we can offer the right solution for almost every application.

MATERIAL HDPE / copper

TEMPERATURE MAX. 70°C – 100°C



Plastic floater / hollow ball 90 - 300 mm

Model	8-90bl	8-120bl	8-150bl	8-180bl	8-220bl	8-300bl
Diameter in mm	90	120	150	180	120	300
Mounting l x w in mm	3x11	12x5	12x5	12x5	12x5	12x5
Color	blue					
Material	HDPE					
Max temperature	70° C					
Weight in g	42	90	154	252	426	960



Plastic floaters

Model	8-90/IG	451	452	453	8H	8C-4
Dimensions l x w x h in mm	Ø 90	90x45x26	80x42x25	109x59x35/48	130x68x90	Ø90x60
Mounting l x w in mm	IG W1/4"	Ø 5	Ø 5	Ø 5	9x2,4	IG W ¼"
Color	blue	white	nature			orange
Volume	-	100 ml	-	250 ml	688 ml	-
Material	HDPE					
Max temperature	70° C					
Weight in g	38	14	12	38	70	36



Copper balls with flange 85 - 300 mm

Model	8-85KU	8-120KU	8-150KU	8-180KU	8-220KU	8-300KU
Dimensions l x w x h in mm	Ø 85	Ø 120	Ø 150	Ø 180	Ø 220	Ø 300
Mounting l x w in mm	15 x 4					
Material (copper)	cooper					
Max temperature	80° C					
Weight in g	48	128	196	290	468	1100

STAINLESS STEEL FLOATERS



The use of different sizes, shapes, and materials optimizes the use of PVA float valves in many applications. Starting with the space-saving compact floater made of high-quality HDPE plastic up to the complex VA floater with individual fixing options, we can offer the right solution for almost any application.

MATERIAL	stainless steel: V2A/V4A
TEMPERATURE	120°C – 150°C



Stainless steel floater - with flange for PEKI series

Model	8-90VAB	8-120VAB	-	-	-
Diameter in mm	Ø 90	Ø 120	-	-	-
Mounting flange h x w in mm	12x4		-	-	-
Material	1.4301		-	-	-
Max temperature	120° C		-	-	-
Weight in g	125	260	-	-	-



Stainless steel floaters - with inside thread 60 – 200 mm

Model	500-60VA	500-90VA	500-110VA	500-160VA	500-200VA
Diameter in mm	Ø 60	Ø 90	Ø 110	Ø 160	Ø 200
Inside thread	IG M6	IG M6	IG M6	IG M8	IG M12
Material	1.4401	1.4301	1.4401	1.4401	1.4401
Max temperature	150° C				
Weight in g	66	130	154	426	818



Stainless steel floater - with flange 90 – 300 mm

Modell	700-130VA	700-180VA	700-220VA	700-300VA	-	-
Diameter in mm	Ø 130	Ø 180	Ø 220	Ø 300	-	-
Mounting flange h x w in mm	20 x 5			-	-	-
Material	1.4301			-	-	-
Max temperature	120° C			-	-	-
Weight in g	190	240	390	1950	-	-



Stainless steel floater - with duplex seat 90 – 200 mm

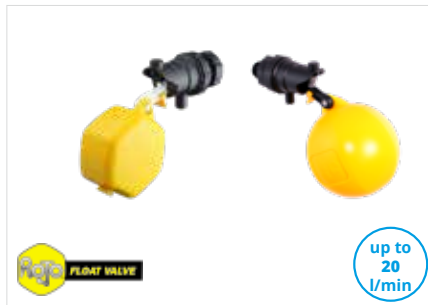
Model	900-90VA	900-130VA	900-150VA	900-170VA	900-200VA	-
Diameter in mm	Ø 90	Ø 110	Ø 150	Ø 170	Ø 200	-
Mounting inside thread + flange h x w in mm (IH M8 + flange)	22 x 6					-
Material	1.4401					-
Max temperature	120° C					-
Weight in g	180	180	560	720	1000	-

PLASTIC FLOAT VALVES



The JOBE VALVES series is the right choice in case you need a compact, robust, and non-corrosive design. All valves are made of high-quality ABS or nylon plastics. All JOBE valves are delivered as a set including the corresponding floaters made of HDPE. The ROJO and TOPAZ series are also available as a COMPACT version (C), which is needed when the space for installation is limited, because the weighted small floater has a very compact design.

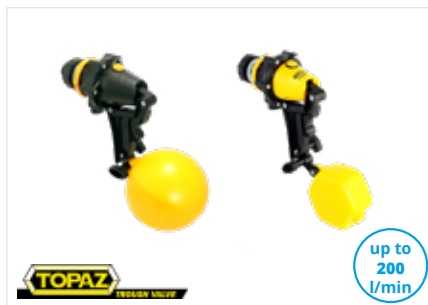
MATERIAL	ABS / Nylon
SEAL	LOPE, EPDM, Urethan
MAX. TEMPERATURE	60°C



20 l/min – ROJO float valve

Model	RJV15	RJV20	RJVC15	RJVC20	RJV15HF	RJV20HF
Connection thread	½"	¾"	½"	¾"	½"	¾"
Flowrate l/min (3 bar)	14	14	8	8	20	20
Max pressure	0-10 bar				0-5 bar	0-5 bar
Length of construction in mm	224	224	192	192	224	224
Weight in g	280	280	440	440	280	280

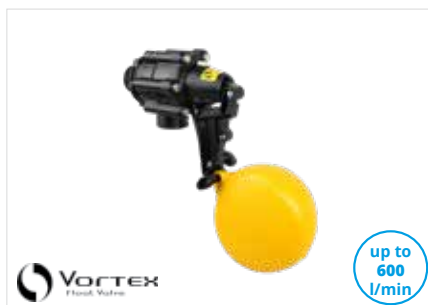
The ROJO float valves are mechanical, float-operated valves for automatic filling of water storage tanks. All ROJO float valves can be installed above or below the water surface. The ROJO is the right choice if a low flow rate is required and its compact non corrosive construction. It should be pointed out that the valves have an automatic flow stop when it has to be removed for maintenance. The ROJO is also available as a low-pressure model (HF models) with 60 % more flow rate.



200 l/min – TOPAZ float valve

Model	TPV15DLT	TPV20DLT	TPV25DLT	TPV32DLT	TPVC15DLT	TPVC20DLT	TPVC25DLT
Connection thread	½"	¾"	1"	1 ¼"	½"	¾"	1"
Flowrate l/min (3 bar)	125	210	270	270	125	210	270
Max pressure	0,3-7 bar						
Length of construction in mm	270	270	270	270	238	238	238
Weight in g	530	530	530	600	720	720	720

The TOPAZ float valve represents a high flow rate and allows filling capacities of up to 200 l/min due to its diaphragm operating principle. It can be installed above or below the water surface (not the COMPACT variant). It should be pointed out that the valve closes slowly in order to eliminate backflow to the water pipe and any connected pumps.

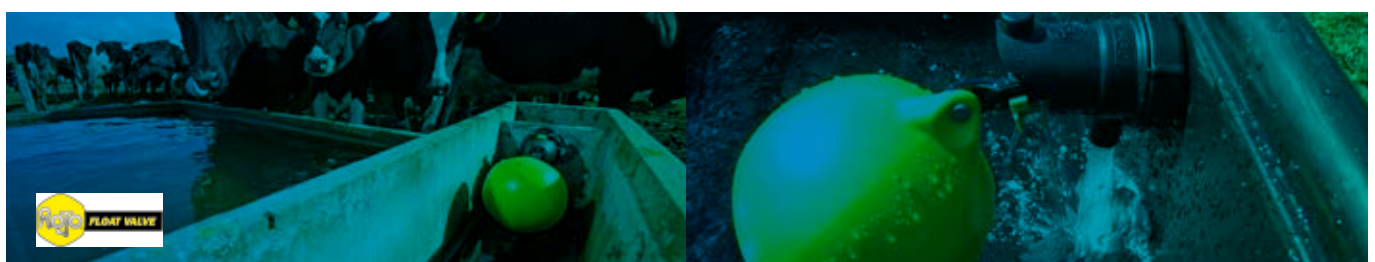


600 l/min – VORTEX float valve

Model	VXV32	VXV40	VXV50
Connection thread	1 ¼"	1 ½"	2"
Flowrate l/min (3 bar)	600		
Max pressure	0,3-7 bar		
Length of construction in mm	336		
Weight in g	880	880	900

Also available as differential or partfill.

The VORTEX float valves are the most compact plastic valves with the highest possible flow of 600l/min. The valve is constructed for above-water mounting. The float controls a small pilot valve, which in turn controls the diaphragm valve. This also closes slowly to minimize water flashback.

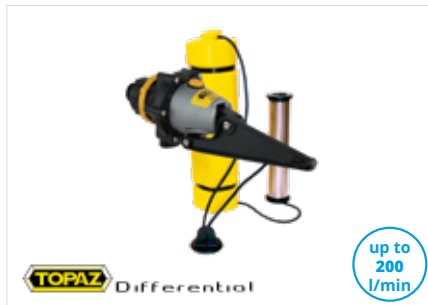


PLASTIC FLOAT VALVES



Also available as ROJO valves for connection at low pressure!

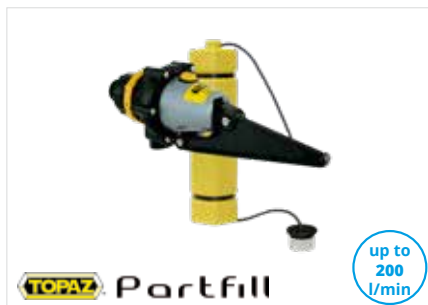
MATERIAL	ABS / Nylon
SEAL	EPDM
MAX. TEMPERATURE	60°C



200 l/min - TOPAZ Differential float valve

Model	TPVD20DLT	TPVD25DLT	TPVD32DLT
Connection thread	¾"	1"	1 ¼"
Flow rate l/min (3 bar)	210	270	270
Max pressure	1-10 bar		
Length of construction in mm	289	289	289
Weight in g	840	840	860

TOPAZ differential valves are the ideal valve for water tanks in pressure systems. The valve offers a high flow rate of up to 200 l/min. Furthermore, an adjustable level control from 50 mm up to 2500 mm is possible. This minimizes the number of start-stop operations of the pump system and results in minimal pump operation.

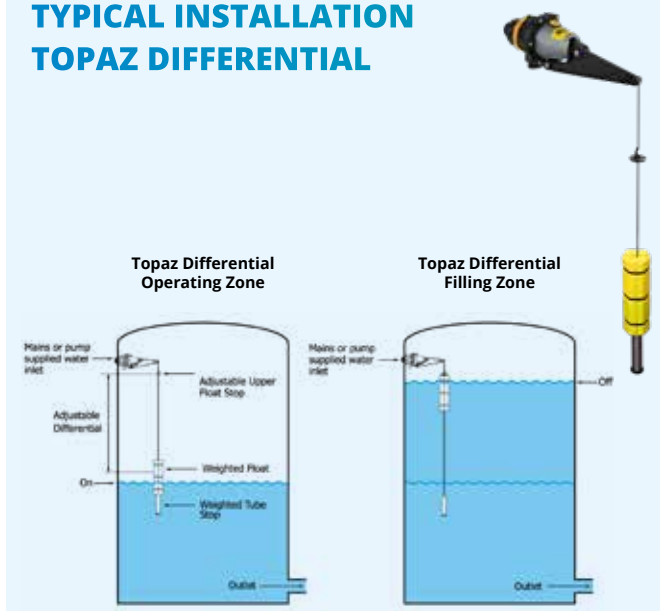


200 l/min - TOPAZ Partfill float valve

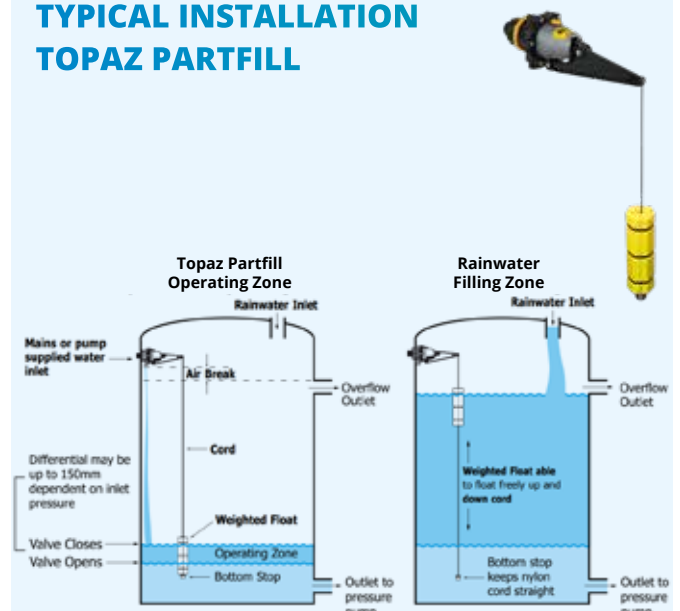
Modell	TPVP20DLT	TPVP25DLT	TPVP32DLT
Connection thread	¾"	1"	1 ¼"
Flow rate l/min (3 bar)	210	270	270
Max pressure	0,3-10 bar		
Length of construction in mm	289	289	289
Weight in g	720	760	780

TOPAZ Partfill is used, for example, in rainwater tanks or in tanks that should generally be filled with a minimum of city water. It keeps the water level automatically at the lowest level, which is especially required in the dry seasons. This allows the connected systems to continue working while the tank has the greatest possible capacity for rainwater storage.

TYPICAL INSTALLATION TOPAZ DIFFERENTIAL



TYPICAL INSTALLATION TOPAZ PARTFILL




PVA- PLASTIC COMPACT FLOAT VALVES "PATENTED FOR MANY YEARS"




PVA compact float valves are a revolution in the float valve sector, designed by us and sold patent-protected for many years. This extremely space-saving with integrated floater allows a level control even in the smallest tanks as well as in flat gutters.

MATERIAL	drinking water standard
SEAL	EPDM / NBR / VITON
MAX. TEMPERATURE	til 70 °C



compact float valve 480/T	
Connection thread	3/8"
Valve seat in mm	2,70
Flow rate l/min (6 bar)	8
Max pressure	5 bar
Length of construction in mm	193
Weight in g	54



compact float valve 480/2	
Connection thread	½" (brass)
Valve seat in mm	2,70
Flow rate l/min (6 bar)	8
Max pressure	5 bar
Length of construction in mm	193
Weight in g	102

With the compact float valve 480, the level can easily be stepless adjusted outside the liquid. Easy installation and maintenance free, safe function are guaranteed by the use of longterm tested materials in many industrial applications.


The use of different sealing materials such as NBR / EPDM / VITON allows the product to be used even at high temperatures and with various chemicals. In addition, the product is corrosion-resistant because all components are made of plastic.

TOILET FLOAT VALVES




All our sanitary cistern valves have a brass 3/8" side connection, are small sized and adjustable in height. Furthermore, these valves are very silent and certified according to FS class I.

MATERIAL	plastic
DICHTUNG	EPDM
MAX. TEMPERATURE	60°C




EURO filling valve	
Model	S162785
Connection thread	3/8"
Flow rate l/min (3 bar)	8 – 10
Max pressure	0,1 – 10 bar
Dimensions l x w x h in mm	110 x 65 x 255 mm
Certifications	NF, KIWA, LGA

The EURO filling valve is the simplest version of our cistern valves and can be used in any standard cistern.



AZOR PROFI filling valve	
Model	S162781
Connection thread	3/8"
Flow rate l/min (3 bar)	8 – 10
Max pressure	0,1 – 14 bar
Dimensions l x w x h in mm	100 x 56 x 250 mm
Certifications	NF, KIWA, LGA und Watermark-Normen

The AZOR PLUS filling valve is used when the max. line pressure of 10 bar is not high enough, as it is designed for a max. pressure of 14 bar. It is also a bit more compact than the EURO filling valve.



AZOR PLUS filling valve	
Model	S564100
Connection thread	3/8"
Flow rate l/min (3 bar)	8 – 10
Max pressure	0,1 – 14 bar
Dimensions l x w x h in mm	100 x 56 x 250 mm
Certifications	NF, KIWA, DVGW

The AZOR PLUS filling valve is characterized by its timed refilling (it starts after the flush valve is in the closed position). In addition, it also comes up to the DVGW standard and is designed for up to 14 bar line pressure.

PVA - SUSPENSION FLOAT VALVES



With the PVA suspension float valves you can create an automatic drinking system from any container with a minimal effort. The float valve is covered by a body and therefore protected. The stable bodies can be fixed in many places by using the adjustable wing screw on the VA fixing bracket and the fill level can be preadjusted. In a further step, the fill level can be stepless adjusted a second time in finer steps on the PEKI brass float valve.

COVER MATERIAL V2A 1.4301 / plastic

VALVE SEAL NBR

TEMPERATURE 2°C – 70°C



PVA – suspension float valve with plastic cover

Model	8-T1	8-T1-N
Connection thread	½"	½"
Valve seat in mm	3	12
Flow rate l/min (3 bar)	8	2
Max pressure	5 bar	0,5 bar
Dimensions w x l x h in mm	200x95x100/190	
Weight in g	1000	
Cover material	impact resistant cover	
Replacement float valve	8ADBL4	8ADBL4-N



PVA – suspension float valve with stainless steel cover

Model	8-T2
Connection thread	½"
Valve seat in mm	12
Flow rate l/min (3 bar)	30
Max pressure	6 bar
Dimensions w x l x h in mm	310x105x125/200
Weight in g	2000
Cover material	V2A / 1.4301
Replacement float valve	8G12/2LG+8H

FITTINGS / PRESSURE REDUCER VALVES



poly discs – 8G12-9



Pressure gauge



pressure reducer valves



Malleable cat iron fitting bend – 6E



Malleable cast iron fitting – 6F



pressure reducer valves



pressure reducer valves



Angle grommet



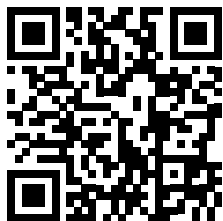
hose connector 17



hose connector PA



angled hose connector



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Schwimmerventile

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