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since 1966

PVA

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 INDUSTRIAL SECTORS.

IN ALL APPLICATIONS, A TARGET LEVEL IS DETECTED AND KEPT AT A LEVEL MAINTAINED BY THE FLOW OF THE VALVES. THE 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/tanks, for the protection of drinking water in accordance with DIN EN 1717, have been mandatory for 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



Our mechanical float valves are used in grey and process water utilisation and also in extinguishing water tanks, our mechanical float valves are used in the high and low pressure range. High flowrates 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. Our contribution to species-appropriate animal husbandry.



Garden technology



In irrigation technology, many applications can be optimized with float valves. Greenhouses, capillary irrigation, plant tables, cisterns, wells are just several 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 protects 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 universal 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 to check the fill level in refrigeration systems. Air humidification, air washing and now also air purification and disinfection systems are equipped with containers that are refilled or fitted with float balls that support a pressure equalisation function.

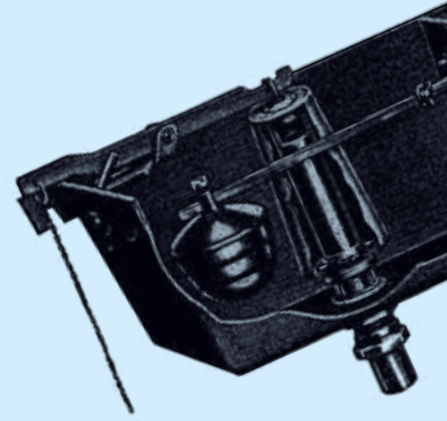


Caravaning water use



A smart solution for the caravan and motorhome sector, which has been tried and tested for many years, saves campers having to transport water and fills water tanks of any size easily and automatically with our small float valves. The KTW-BWGL KIWA-certified PVA small float valve 481 fulfills the requirements for drinking water.

OUR COMPANY HISTORY



Foundation

In 1966, Hans Rüter founded the company P.V.A. Plastik-Ventil-Armaturen GmbH in Willich-Neersen. The company results from 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.

Owner and location

In 1991, Christoph Momers took over the company in the 2nd generation, a continuous modernisation of production and the expansion of the product range were the reason for an expansion of the company with relocation to Tönisvorst near Düsseldorf. Due to the steady growth and in preparation for the next generation, the production and storage areas were relocated to a new company building in Kempen at the beginning of 2023. This location is now the starting point for supplying the specialised and wholesale trade as well as many industrial customers throughout Europe in line with the market and according to the 'just in time' principle.

PVA Schwimmerventile GmbH, founded in 2024, acquired all the assets and expertise of P.V.A. Plastik-Ventil-Armaturen GmbH on January 1st 2025. Jan Momers is now the sole shareholder-managing director in the 3rd generation of our traditional family business.

Assortment

The addition of the German distribution of the **JFB** | **AGRI** 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** in Germany, we enable partial filling and fast-fill function in tanks with partially patented valves. We always face up to the demands of the market by offering our customers from many industries not only large, small and special series but also customized constructions.

The guarantee of the highest quality standards is always ensured by continuously optimised materials. A special service - our valve configurator - enables every customer and user to find the ideal valve for their container from our extensive 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 60 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 + VA.

MATERIAL	brass / chem. nickel-plated / VA
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	Ø 3	Ø 3	Ø 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	Ø 3	Ø 3	Ø 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	Ø 8	Ø 12	Ø 12	Ø 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 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	-	-
Connection thread	3/8"	1/2"	-	-
Thread length in mm	24	35	-	-
Valve seat in mm	Ø 12	Ø 12	-	-
Flow rate l/min (3 bar)	30	30	-	-
Max pressure	6 bar	6 bar	-	-
Length of construction in mm	270	270	-	-
Weight in g	291	322	-	-
Recommended float	8H		-	

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 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 into contact with drinking water.

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	Ø 8	Ø 8	Ø 10	Ø 20	Ø 21	Ø 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	Ø 8	Ø 9	Ø 13	Ø 20	Ø 21	Ø 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 almost splash water free environment. Due to the chemical nickel plating and the stainless steel float bar, they are corrosion-free and can also be used in chemicals and aggressive liquids.



Brass-nickel float valve series F511 - 3" and 4" valves - open design						
Model	8-3-F511	8-4-F511	-	-	-	-
Connection thread	3"	4"	-	-	-	-
Valve seat in mm	Ø 36	Ø 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 F511 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 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"	524-1-1/4"	524-1-1/2"	524-2"
Connection thread	½"	¾"	1"	1 ¼"	1 - ½"	2"
Valve seat in mm	Ø 4	Ø 13	Ø 13	Ø 18	Ø 18	Ø 22
Flow rate l/min (3 bar)	15	83	123	288	288	461
Max pressure	12 bar					
Length of construction in mm	330	580	580	690	700	720
Weight in g	300	840	880	1720	1900	3110
Recommended float	8-120sw	8-150	8-180	8-220	8-220	8-300

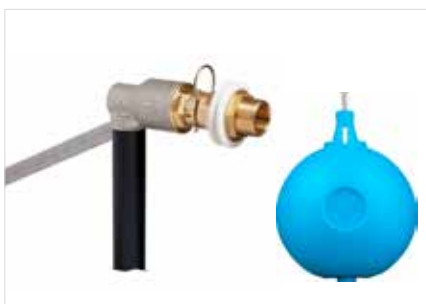
The nickel float valve construction line 524 is designed for high line pressures up to 12 bar. It is characterized by a valve seat made of stainless steel and it is suitable for temperatures up to 80°C. The valve tappet is made of brass.



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
Recommended float	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"	525-1"	525-1-¼"	-
Connection thread	½"	¾"	1"	1 - ¼"	-
Valve seat in mm	Ø 13,5	Ø 13,5	Ø 22,7	Ø 22,7	-
Flow rate l/min (3 bar)	86	86	214	214	-
Max pressure	0,5-12 bar	0,5-12 bar	0,5-12 bar	0,5-12 bar	-
Length of construction in mm	436	436	635	645	-
Weight in g with float	1230	1230	1360	1360	-
Recommended float (weighted)	8-150-525		8-180-525		

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 innovative quick connection system (Quick-Fit) simplifies installation and maintenance. Temperature-resistant up to 80 °C.

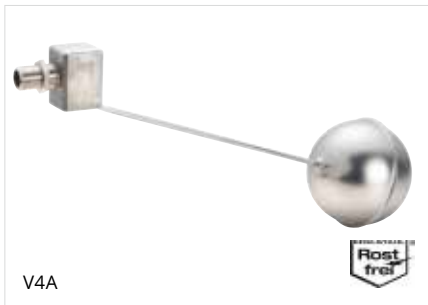


STAINLESS STEEL FLOAT VALVES



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 / NBR / VITON
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	Ø 10	Ø 14	Ø 19	Ø 23	Ø 25	Ø 38	Ø 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 without float	100	330	500	610	730	2800	3000
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	Ø 5	Ø 6	Ø 9	Ø 10	Ø 20	Ø 21	Ø 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 without float	540	570	840	900	2360	2830	3000
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.



PEKI-VA closed design

Model	8G3VA	8G12/2VA
Connection thread	3/8"	1/2"
Thread length in mm	24	24
Valve seat in mm	Ø 3	Ø 12
Flowrate l/min (3 bar)	8	47
Max pressure	6 bar	6 bar
Length of construction in mm	228	243
Weight in g without float	180	184
Recommended float	500-90VA 8-90VAB	500-110VA 8-120VAB

For particularly flexible and high demands

The PEKI-VA valve series in closed design fulfils the requirements of many users. As a high-quality corrosion-resistant alternative in stainless steel drinking troughs in the agricultural sector. Or in combination with special NBR/EPDM/VITON seals for use in the chemical industry. The very compact design and the typical PEKI modular system ensure flexible use for your specific application. Float rods can be varied between 155 / 170 / 290mm.

FLOATER



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

For our valve series, we supply various buoyancy bodies which, depending on the design and size, allow many application configurations. The use of different sizes, shapes and materials optimises the use of PVA float valves in many areas of 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	220	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



From space-saving compact floats made of high-quality HDPE plastic to complex stainless steel floats with customised mounting 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	63	66	150	400	800

also available in Ø 320 mm and Ø 400 mm on request



Stainless steel hollow float balls - with flange 130 - 300mm

Model	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	250	350	840	1790	-	-



Stainless steel floater - with duplex seat 90 - 200 mm

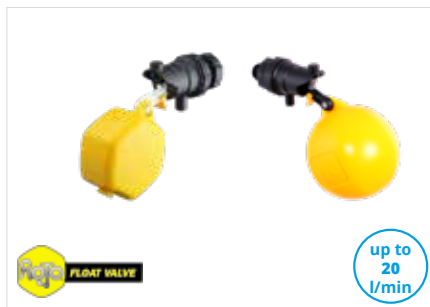
Model	900-90VA	900-110VA	900-130VA	900-150VA	900-170VA	900-200VA
Diameter in mm	Ø 90	Ø 110	Ø 130	Ø 150	Ø 170	Ø 200
Mounting inside thread + flange h x w in mm (IH M8 + flange)	22 x 6			-	-	-
Material	1.4401			-	-	-
Max temperature	120° C			-	-	-
Weight in g	180	360	480	620	760	980

PLASTIC FLOAT VALVES



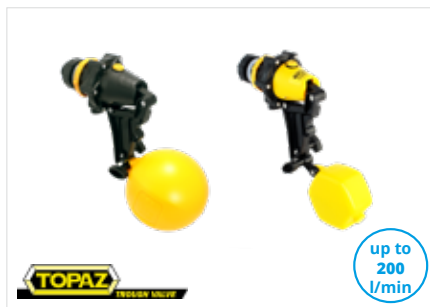
The JOBE VALVES series is the right choice in case you need a compact, robust, and non-corrosive design. All valves are made of high-quality ABS or nylon plastics. All JOBE valves are delivered as a set including the corresponding floaters made of HDPE. The ROJO and TOPAZ series are also available as 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	EPDM
MAX. TEMPERATURE	60°C



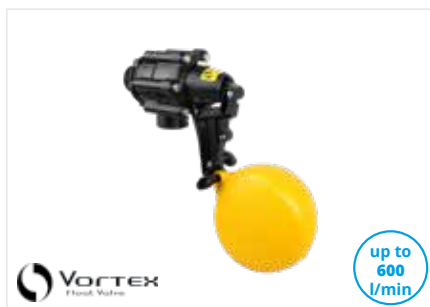
20 l/min – ROJO float valve						
Model	RJV15	RJV20	RJVC15	RJVC20	RJV15HF	RJV20HF
Connection thread	½"	¾"	½"	¾"	½"	¾"
Flowrate l/min (3 bar)	14	14	8	8	20	20
Max pressure	0-10 bar				0-5 bar	0-5 bar
Length of construction in mm	224	224	192	192	224	224
Weight in g	280	280	440	440	280	280

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

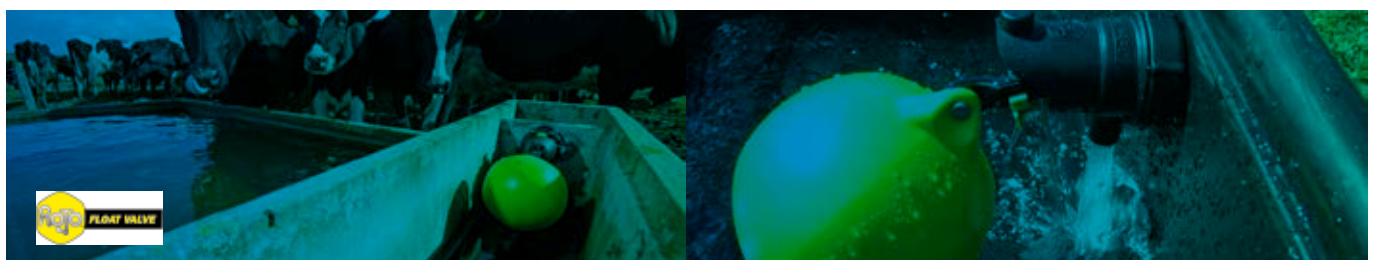
The TOPAZ float valve represents a high flow rate and allows filling capacities of up to 200 l/min due to its diaphragm operating principle. It can be installed above or below the water surface (not the COMPACT variant). It should be pointed out that the valve closes slowly in order to eliminate backflow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

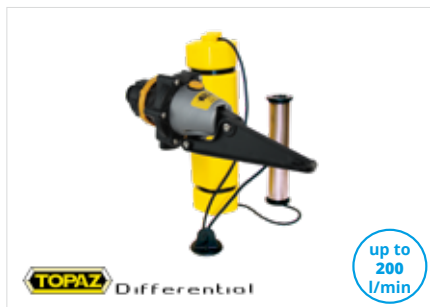


PLASTIC FLOAT VALVES



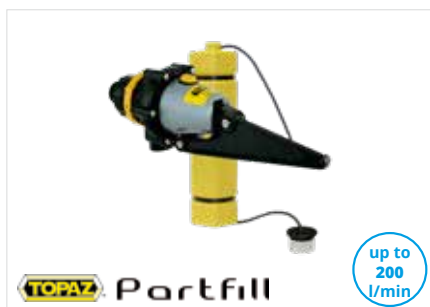
Also available as ROJO Differential or ROJO Partfill for connection at low pressure!

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



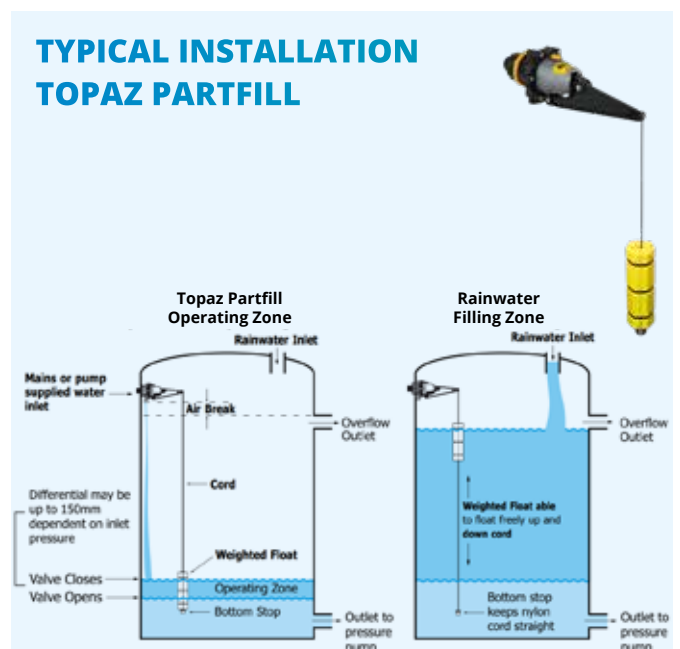
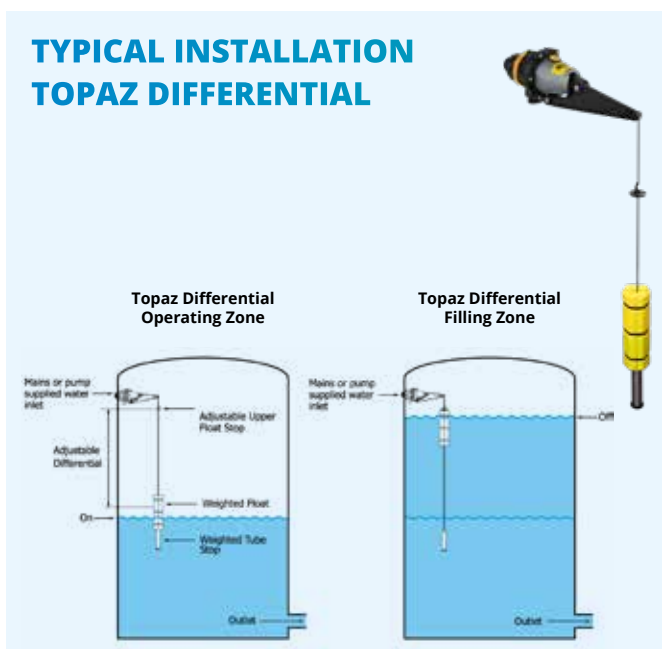
200 l/min - TOPAZ Differential float valve			
Model	TPVD20DLT	TPVD25DLT	TPVD32DLT
Connection thread	¾"	1"	1 ¼"
Flow rate l/min (3 bar)	210	270	270
Max pressure	1-10 bar		
Length of construction in mm	289	289	289
Weight in g	840	840	860

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 ensures gentle pump operation.



200 l/min - TOPAZ Partfill float valve			
Model	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.

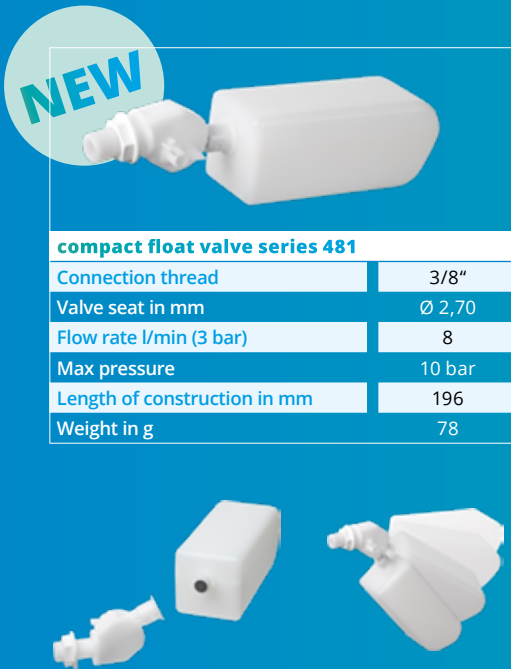


PVA- PLASTIC COMPACT FLOAT VALVES "PATENTED FOR MANY YEARS"



PVA small float valves are a revolution in the float valve sector, designed by us and sold under patent protection for many years. This extremely space-saving design with integrated float body enables level control both in the smallest tanks and in shallow channels.

PVA SMALL FLOAT VALVE SERIES 481 KIWA TESTED ACCORDING TO KTW-BWGL



compact float valve series 481

Connection thread	3/8"
Valve seat in mm	Ø 2,70
Flow rate l/min (3 bar)	8
Max pressure	10 bar
Length of construction in mm	196
Weight in g	78

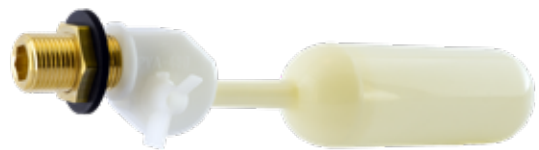
MATERIAL	Plastic Hostaform, HDPE
SEAL	EPDM A-KT 70 according to DVGW W270
MAX. TEMPERATURE	up to 23°C (KIWA)

The PVA small float valve series 481 is the ideal choice for the safe and reliable levelling of drinking water systems. Our valve series is continuously tested by the independent certification body KIWA Germany and complies with the current UBA guidelines of the KTW-BWGL. This rigorous testing guarantees that our small float valves meet the highest quality and safety standards and are perfectly suited for use in drinking water applications.



KIWA conformity confirmation no:
KIWA-24-DW-10436

PVA COMPACT FLOAT VALVE SERIES 480



compact float valve 480/T

Model	480/T
Connection thread	3/8"
Valve seat in mm	Ø 2,70
Flow rate l/min (6 bar)	8
Max pressure	5 bar
Length of construction in mm	196
Weight in g	54

compact float valve 480/2

Model	480/2
Connection thread	1/2" (Messing)
Valve seat in mm	Ø 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 be easily and continuously adjusted outside the liquid. Easy installation and maintenance-free, safe operation are guaranteed by the use of materials that have been tried and tested in many industrial applications over many years. The use of different sealing materials such as NBR / EPDM / VITON means that the valve can also be used at high temperatures and with various chemicals. Corrosion-resistant, as all components are made of plastic.

MATERIAL	Plastic
SEAL	EPDM / NBR / VITON
MAX. TEMPERATURE	up to 70°C

PVA AUTOTANKERS / SUSPENSION VALVES 'PROTECTED MAKE-UP'



With the PVA autotankers/attachable float valves, you can create an automatic drinking trough (or similar) from any container with little effort. The float valve is concealed with the housing and therefore protected. The sturdy housings can be attached to the VA mounting bracket in many places using the adjustable wing screw and the fill level can be preset by positioning. The fill level can then be infinitely finely adjusted on the PEKI float valve.

COVER MATERIAL	V2A 1.4301 / plastic
VALVE SEAL	NBR
MAX. TEMPERATURE	2°C - 70°C



PVA autotankers/ suspended float valves		
Model	8T1	8-T1/N
Connection thread	½"	½"
Valve seat in mm	2,7	12
Flow rate l/min (3 bar)	8	2
Max pressure	10 bar	0,5 bar
Dimensions w x l x h in mm	210x98x105	
Weight in g	343	570
Cover material	Impact-resistant plastic	
Replacement float valve	481/2	8ADBL4-N

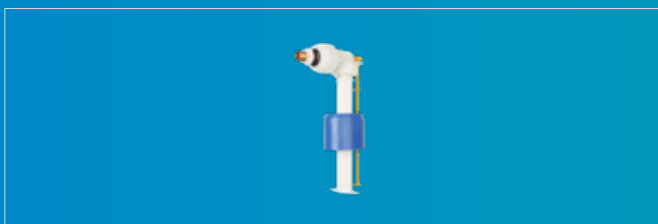


PVA autotankers/ suspended float valves	
Model	8-T2
Connection thread	½"
Valve seat in mm	12
Flow rate l/min (3 bar)	30
Max pressure	6 bar
Dimensions w x l x h in mm	310x105x125/200
Weight in g	2000
Cover material	V2A / 1.4301
Replacement float valve	8G12/2LG+8H

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.



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

MATERIAL	Plastic
SEAL	EPDM
MAX. TEMPERATURE	60°C

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

FITTINGS / PRESSURE REDUCER VALVES



poly discs - 8G12-9



Pressure gauge



pressure reducer valves



Malleable cast iron fitting bend - 6E



pressure reducer valves



pressure reducer valves



Malleable cast iron fitting - 6F



Angle grommet



hose connector 17



hose connector PA



angled hose connector

**IF YOU ARE NOT SURE,
THAT CHOSEN PRODUCT
IS APPROPRIATE FOR
YOUR APPLICATION...**

...scan the QR code to open the configurator. This will show you the right product in only 5 steps.



PVA

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Credits Pages 2/3:
natfizin/stock.adobe.com
lvan/stock.adobe.com
DN6/stock.adobe.com
New Africa/stock.adobe.com
zvimi/stock.adobe.com
PVA Plastik-Ventil-Armaturen GmbH