



# The bfs Plug



The plug is at the heart of the bfs system. Many different versions are available, and by offering our customers the greatest selection on the market, we make sure that a perfect system is available for any battery type, in any application.

This is how the bfs plug works: Water that flows through the bfs plug into the cell raises the electrolyte level and brings up the float. Acting on a set of levers, the float and float spindle control the shut-off valve. In this way, the lever shuts off the valve with 2.5 times the buoyant force – our patented solution. The water flow is reliably interrupted. With the electrolyte level going down, the valve opens automatically. Whenever the system is reconnected and the watering process reinitiated, electrolyte rises to the required level. A water trap integrated in the plug prevents intercell flashovers. The functionality of this device has been tested successfully and certified by the University of Malta.

The bfs plug is available for all common cell vents. While the push-in plug is in one piece, the bayonet and threaded plugs consist of a basic plug combined

with an adaptor – another one of bfs's patented designs. A variety of different clip-in floats is available to adjust the electrolyte in the cells to the required level. With this technology, bfs is able to provide watering systems in nearly all areas of application.

A white level indicator in the plug allows the electrolyte level for each cell to be monitored. When you open the plug lid, you see the inspection opening, which makes it easy to measure acid density using a hydrometer.

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This is how the bfs plug works: Water that flows through the bfs plug into the cell raises the electrolyte level and brings up the float. Acting on a set of levers, the float and float spindle control the shut-off valve. In this way, the lever shuts off the valve with 2.5 times the buoyant force – our patented solution. The water flow is reliably interrupted. With the electrolyte level going down, the valve opens automatically. Whenever the system is reconnected and the watering process reinitiated, electrolyte rises to the required level.

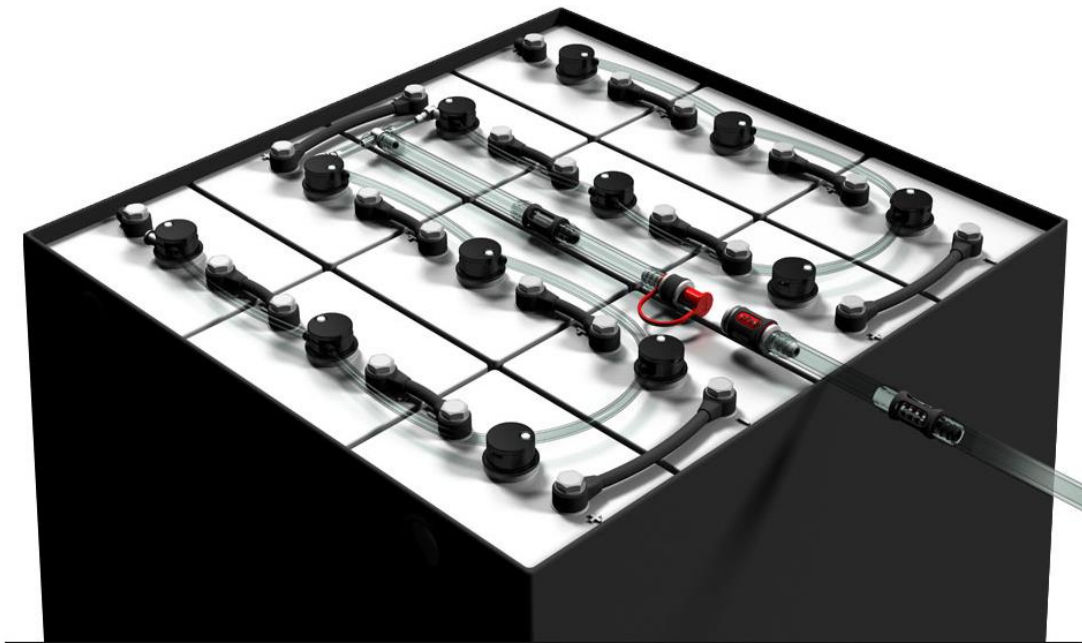


A water trap integrated in the plug prevents intercell flashovers. The functionality of this device has been tested successfully and certified by the University of Malta.

The bfs plug is available for all common cell vents. While the push-in plug is in one piece, the bayonet and threaded plugs consist of a basic plug combined with an adaptor – another one of bfs's patented designs. A variety of different clip-in floats is available to adjust the electrolyte in the cells to the required level. With this technology, bfs is able to provide watering systems in nearly all areas of application.

A white level indicator in the plug allows the electrolyte level for each cell to be monitored. When you open the plug lid, you see the inspection opening, which makes it easy to measure acid density using a hydrometer.

## bfs System Components



The complete bfs system consists of float-operated watering plugs made from acid-proof plastic material; a hose system made from high-quality transparent PVC; all necessary connectors and other accessories such as filters, flow indicators and self-sealing couplings. If desired, parts of the system can be delivered in flame-retardant material. Because bfs develops all components of the watering systems in-house, we can guarantee that our system lives up to the highest standards of quality and performance.



# Overview plugs

## Push-in Plugs

The push-in plug S35 is a compact unit that simply pushes in. All parts on the inside and the outside of the plug housing are fitted as form-locking components. Using no glued or welded connections was a conscious decision. It means that the plug can be disassembled and all its parts recycled at the end of its operating life.

### Push-in Plug A51000



The push-in plug for all lead-acid batteries with a vent size of 35 mm (S35).

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	46 mm / 1.81"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750cm <sup>3</sup> per minute

# Bayonet Plugs

The bayonet plug consists of the basic plug and the respective bayonet adaptor. To align the plug on the cell vent, the basic plug is able to turn on the adaptor after installation – a solution for which bfs holds the patent. All parts on the inside and the outside of the plug housing are fitted as form-locking components. This means that the plug can be disassembled and all its parts recycled at the end of its operating life.

## Bayonet Plug III B51000



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard).

- Technical data

Construction height	34 mm / 1.34"
Min. casing depth	32 mm / 1.26"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Bayonet Plug IV B4N100



Bayonet Plug IV with reduced installation height is designed for all lead-acid batteries with a cell vent size of 24 mm (European standard).

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	43 mm / 1.70"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



## 4-Bayonet Plug III H51000



Fits all lead-acid batteries with a cell-vent size of 29 mm (bayonet opening, Asian standard).

- Technical data

Construction height	32 mm / 1.26"
Min. casing depth	34 mm / 1.34"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## 4-Bayonet Plug IV H4N000



Fits all lead-acid batteries with a cell-vent size of 29 mm (reduced height, bayonet opening, Asian standard).

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	43 mm / 1.70"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



## Tall Bayonet Plug III G51000



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard). This plug allows the hose system to be installed above plate-bridge level.

- Technical data

Construction height	45 mm / 1.77"
Min. casing depth	21 mm / 0.83"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute





# Threaded Plugs

The threaded plug consists of a basic plug and the respective threaded adaptor. To align the plug on the cell vent, the basic plug is able to turn on the adaptor after installation – a solution for which bfs holds the patent. All parts on the inside and the outside of the plug housing are fitted as form-locking components. This means that the plug can be disassembled and all its parts recycled at the end of its operating life.

## Threaded Plug III M27 C51000



Fits all lead-acid batteries with cell-vent thread M27.

- Technical data

Construction height	31 mm / 1.22"
Min. casing depth	35 mm / 1.38"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Threaded Plug IV M27 C4N000



This threaded plug has a low installation height and fits all lead-acid batteries with cell-vent thread M27.

- Technical data

Construction height	20 mm / 0.79"
Min. casing depth	44 mm / 1.73"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



## Threaded Plug III M30 D51000



Fits all lead-acid batteries with cell-vent thread M 30 x 2.

- Technical data

Construction height	31 mm / 1.22"
Min. casing depth	35 mm / 1.38"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Threaded Plug III C35 E51000



Fits all lead-acid batteries with cell-vent thread C35.

- Technical data

Construction height	31 mm / 1.22"
Min. casing depth	35 mm / 1.38"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Threaded Plug III M36 F51000



Fits all lead-acid batteries with cell-vent thread M36.

- Technical data

Construction height	31 mm / 1.22"
Min. casing depth	35 mm / 1.38"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



# Clip-in Plugs

The clip-in plug consists of the basic plug and the respective clip adaptor. To align the plug on the cell vent, the basic plug is able to turn on the adaptor after installation – a solution for which bfs holds the patent. The clip plug fits on bayonet cell openings (European and Asian standards) and is installed like the push-in plug without requiring a quarter turn. All parts on the inside and outside of the plug housing are fitted as form-locking components. This means that the plug can be disassembled and all its parts recycled at the end of its operating life.

## Clip-in Plug III I51000



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard).

- Technical data

Construction height	34 mm / 1.34"
Min. casing depth	32 mm / 1.26"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Clip-in Plug IV I4N000



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard).

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	43 mm / 1.70"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



## Clip-in Plug IV for 4-Bayonet I4NV00



Fits all lead-acid batteries with a cell-vent size of 29 mm (bayonet opening, Asian standard).

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	43 mm / 1.70"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute





## Clip-in Plug IV I4N260



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard) and a minimum installation depth of 55 mm.

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	55 mm / 2.17"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



## Clip-in Plug IV I4N330



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard) and a minimum installation depth of 62 mm.

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	62 mm / 2.44"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



## Clip-in Plug IV I4N420



Fits all lead-acid batteries with a cell-vent size of 24 mm (bayonet opening, European standard) and a minimum installation depth of 71 mm.

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	71 mm / 2.80"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	4.33 pt / 2050 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	10.78 pt / 5100 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	18.39 pt / 8700 cm <sup>3</sup> per minute



# Manual Plugs

The bfs manual plug, with its patented “brush” that is built into the lid, ensures that as much of the battery fluid as possible passes back into the cell. This reduces the number of required fillings by 30 to 50 percent.

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## Manual Push-in Plug MAA000



Fits all lead-acid batteries with a cell-vent size of 35 mm (S35).

- Technical data

Construciton height	21 mm / 0.83"
Min. casing depth	43 mm / 1.70"



## Manual Bayonet Plug MB0000



Fits all lead-acid batteries with a cell-vent opening of 24 mm (bayonet opening, European standard).

Construction height

34 mm / 1.34"

## Manual Threaded Plug M27/M30/C35/M36 MC/D/E/F000



Fits all lead-acid batteries with a threaded cell-vent opening.

Construction height

31 mm / 1.22"



## Manual Tall Bayonet Plug MG0000



Fits all lead-acid batteries with a cell-vent opening of 24 mm (bayonet opening, European standard) Tall version.

Construction height

45 mm / 1.77"

## Manual 4-Bayonet Plug MH0000



Fits all lead-acid batteries with a cell-vent opening of 29 mm (bayonet opening, Asian standard).

Construction height

21 mm / 0.83"



# Special Plugs

Above and beyond our standard plugs, bfs also offers special models for use in such applications as mining. They can be equipped with a safety valve, have a central degassing system or feature flame-retardant material. Simply ask us about the push-in, bayonet or threaded special plug that you require, to be used in combination with any common vent openings.

## Push-in Plug III with Central Degassing A51220



The push-in plug with central degassing is designed for special applications. Instead of a gas escape opening on the side, this plug has an additional connector for a hose that is used to control and divert all battery gasses.

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	46 mm / 1.81"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Bayonet Plug III with Central Degassing B51220



A further special solution is the bayonet plug with central degassing: here, too, an additional degassing hose can be connected to control and divert all battery gasses centrally.

- Technical data

Construction height	34 mm / 1.34"
Min. casing depth	32 mm / 1.26"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute





## Threaded Plug III with Central Degassing C/D/E/F51220



The threaded plug can also be delivered with central degassing. Like our other special models, it does not have a gas escape opening on the side but an additional hose connector for a hose that is used to control and divert all battery gasses.

- Technical data

Construction height	31 mm / 1.22"
Min. casing depth	35 mm / 1.38"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Plug with Security Valve A31000



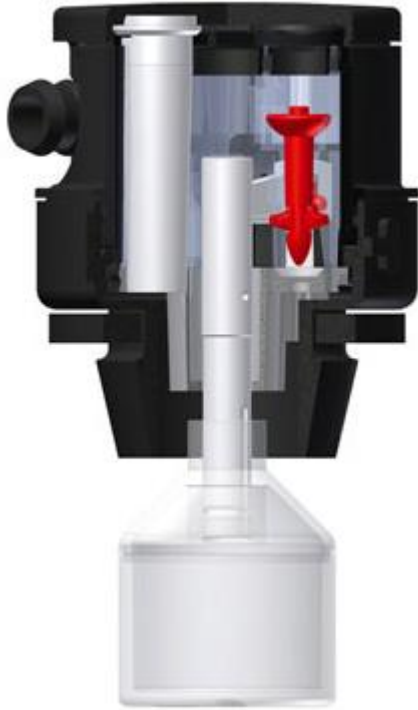
The plug with security valve is predominantly used in explosion hazard zones, such as in mining. It has an additional check valve for the water intake.

- Technical data

Construction height	21 mm / 0.83"
Min. casing depth	46 mm / 1.81"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Plug with Flame Arrestor I51FOV



The bfs special plug I51FOV with flame arrestor is predominantly used in automatic battery watering for electric vehicles. Degassing of this plug has been designed in such a way that the only place for battery gasses to escape is the inspection opening below the plug's lid. This opening is equipped with a flame-proof filter that prevents flashovers from the outside into the plug and therefore into the cell.

- Technical data

Construction height	34 mm / 1.34"
Min. casing depth	32 mm / 1.26"
Float action	4 mm / 0.16"
Filling pressure	min 0,2 bar / 3.8 psi   max. 3,8 bar / 53 psi
Water volume (dynamic) with 6 plugs in series:	
0,3 bar / 4.3 psi	3.49 pt / 1650 cm <sup>3</sup> per minute
1,0 bar / 14.5 psi	7.61 pt / 3600 cm <sup>3</sup> per minute
3,0 bar / 43.5 psi	14.27 pt / 6750 cm <sup>3</sup> per minute



## Triple Unit X4N320

The Triple Unit X4N320 was developed specifically for deep cycle batteries with cell vents of 19 mm size and a hole separation of 41.25 mm. This kind of battery would be a battery block that is usually used in street sweepers, motor homes, golf carts and boat



Filter EX 09FEX1 is used for gaseous media exclusively. It is not suitable for liquid media. Using the filter on batteries installed with bfs plugs with central degassing, it prevents flashovers of hydrogen gases that can lead to a chain reaction within the individual battery cells.





## Special Plug IV V4N000

Plug V4N000 was developed specifically to water batteries with 16 mm bayonet openings, for example, the VARTA UPS H series. The adaptor plug is equipped with a float 14 mm in diameter.



## Custom Plugs

If you are using lead-acid batteries for which no watering system currently exists or if you have special requirements that have to be met, just let us know. We will try hard to find the right solution for your specific application.



# Float Measurements



	Push-in plug				Bayonet/CLIP plug				Threaded plug			
	bfs III		bfs IV		bfs III		bfs IV		bfs III		bfs IV	
Art.Nr.:	A51000		A4N000		B51000 I51000		B4N000 I4N000		C/D/E/ F51000		C4N000	
bfs part no.	Float size											
	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2
	mm		mm		mm		mm		mm		mm	
072612	42	31	----	----	----	----	----	----	----	----	----	----
072214	42	29	----	----	27	14	38	25	30	17	39	26
072220	47	34	----	----	33	23	44	31	36	26	45	32
072224	51	39	----	----	37	26	48	38	40	29	49	39
072229	56	42	----	----	42	30	53	42	45	33	54	43
072234	61	46	----	----	47	34	58	46	50	37	59	47
072239	66	50	----	----	52	38	63	50	55	41	64	51
072244	71	53	----	----	57	42	68	52	60	45	69	53
072249	76	59	----	----	62	45	73	56	65	48	74	57
072259	86	68	----	----	72	53	----	----	75	56	----	----
071432	57	35	----	----	45	22	56	33	48	25	57	34
071441	66	39	----	----	54	26	65	37	57	29	66	38
071923	51	35	----	----	37	21	47	34	40	24	48	35
071926	54	38	----	----	40	24	51	37	43	27	51	38
071933	60	44	----	----	46	30	57	42	49	33	58	43
071942	69	51	----	----	55	35	66	48	58	38	67	49

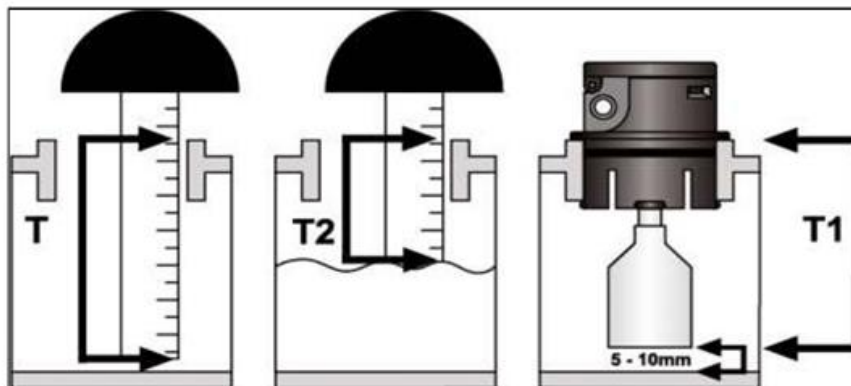
Using the float spindle extension (bfs Part No. 070001), add. 13mm/ 0.5" !!!

## Determination of float size

T = top of cell to top of separator

T1 = top of cell to base of float

T2 = top of cell to top  
of electrolyte level



















The filling level T2 on the list is an average with a tolerance of +/- 2,0mm (0.075").



# Connecting parts

Our products include everything needed to set up an automatic watering system with hoses etc. With regard to their quality and dimension tolerance, our connectors are a perfect match for bfs hoses and the bfs watering system as a whole.

<b>connecting parts</b>	<b>08WI66</b> angle 6/6 	<b>08WI16</b> angle 10/6 	<b>08WI60</b> angle 6/0 	<b>08WI11</b> angle 10/10 
<b>08T161</b> tee 10/6/10 				<b>08KR11</b> cross 10/10/10/10 
<b>08T666</b> tee 6/6/6 				<b>08KR61</b> cross 6/10/6/10 
<b>08T616</b> tee 6/10/6 				<b>08KR66</b> cross 6/6/6/6 
<b>08T111</b> tee 10/10/10 	<b>08KLE1</b> hose clamp NW10 	<b>08KLE6</b> hose clamp NW6 	<b>08END6</b> end piece NW6 	<b>08RED6</b> reduction 10/6 

# Accessories

Other than the watering plugs, which are at the heart of the system, bfs also offers perfectly matched accessories. The product line includes all peripheral components as well as useful installation tools. (Please note: pictures of products are not to scale.)







Female connection (water)  
09KUV6/09KUV1B



Male connection (water)  
09KUV6/09KUV1B



Female connection (air)  
09BKV6/09BKV1B



Male connection (air)  
09BKM6/09BKM1B



Flow indicator  
09FLI1B



Filter cartridge  
09FIL1B



Hose clamp NW6  
08KLE6B



Hose clamp NW10  
08KLE1B



FilterEX for central degassing  
09FEX1



Flow indicator with Filter  
FLIFI06/FLIFI10



Dust cap  
09STAC



Hose 6 / 10 mm – 6/12 Reinforced  
FRSCH06/FRSCH10/FRSCH6/12CON



Gasket 3.0 mm  
09DI30



Slide ruler for T1  
09LEHR



Assembly tool  
09MOWE



Removal tool for push-in plug  
AQF-R-TOOL



Slide tool  
09WE16



Tool for hose clamp 08KLE6B/08KLE1B  
09MOD1