



# Battery Watering Technologies



**Faster.**

*Reduce filling time by 90%*

**Safer.**

*Keep battery area safe and clean*

**Better.**

*Improve battery life and performance*

***The Leader in Battery Watering Technology™***

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Battery Watering Technologies

# How to Order

telephone: +31 (0)318 696 192

web: [wetac.com](http://wetac.com)

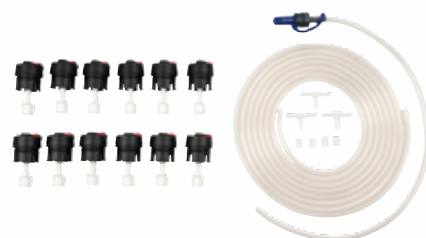
email: [info@wetac.com](mailto:info@wetac.com)

Galvanistraat 117 · 6716AE EDE

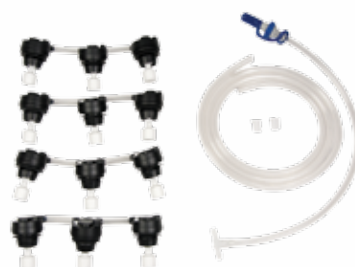
The Netherlands

*There are three types of kits offered for batteries.*

1. The **Basic Kit** - Everything is provided for the kit, however the tubing is not cut or attached to any of the valves. **To place an order for a Basic Kit**, you must know the battery make and model.

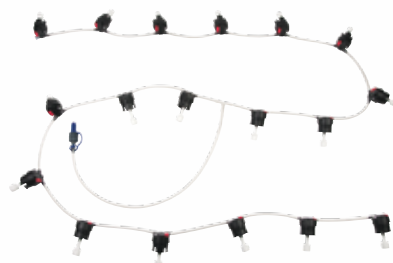


2. The **Partially Assembled Kit** - Strings of 3 or 4 valves have tubing attached. Extra tubing is provided to complete assembly of the kit. **To place an order for a Partially Assembled Kit**, you must know the battery make and model. Finally add one of the following drawing numbers to your order: B-12-LP-PA (12 cell), B-18-LP-PA (18 cell) or B-24-LP-PA (24 cell).



3. The **Fully Assembled Kit** - Tubing is attached to the valves and the kit is ready for installation. No assembly is required.

**To place an order for a Fully Assembled Kit**, you must know the battery make and model. The drawing number is also required to place an order for a fully assembled kit. For a complete list of drawings, visit our web site at [www.batterywatering.com](http://www.batterywatering.com). Then go to Technical Info / Industrial Drawings on our site and enter the # of cells and the # of plates. If you do not see your battery make / model, please call for guidance.



How to Order

# Innovative Design

*Safety and labor savings are of the utmost importance to Battery Watering Technologies. Our valves are manufactured with the highest quality materials that keep all working parts above the battery cell.*

## Hydrometer Port

Hydrometer readings can be taken without removing the valve from the battery. The hydrometer opening has a slider with a stop so the covering won't break or get lost.

## Tubing Barbs

Eliminates the need for clamps and angled to make installation easy in tight configurations

## Electrolyte Level Indicator Eye

Visible from the top and side -  
Confirms proper operation of valves

## z-Lock

The z-Lock feature integrates the tee piece with the valve for added strength.

## Low Profile Design

Drastically reduces the risk of damage from battery cables

## Clip-in Base

Installation is fast and easy -  
No twisting to lock in place

## Solid One Piece Float

Acid, temperature, and impact resistant -  
solid construction cannot absorb water

## Fully Assembled Kits

Installs in seconds

## Widest Pressure Range

The valves operate with pressure up to 35 psi using our filling devices. House static pressure should never be more than 80 psi. If needed, a variety of pressure regulators are available to lower pressure.





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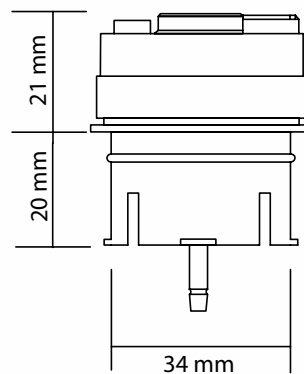
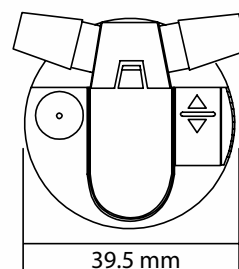
# Industrial Valve



*Pictured: K1200TBE-34 BASIC Kit (VA-TBE Valves shown with 34 mm floats)*  
**Floats are not included. Please specify float size when ordering.**

35 mm Push-in Valve

**VA-TBE**



**VA-TBE Drawing**

## Basic Kits with VA-TBE valves and 34 mm floats

<b>K600VAE34G</b>	6 cell system, 35 mm push-in
<b>K900VAE34G</b>	9 cell system, 35 mm push-in
<b>K1200VAE34G</b>	12 cell system, 35 mm push-in
<b>K1800VAE34G</b>	18 cell system, 35 mm push-in
<b>K2400VAE34G</b>	24 cell system, 35 mm push-in
<b>K3600VAE34G</b>	36 cell system, 35 mm push-in
<b>K4000VAE34G</b>	40 cell system, 35 mm push-in
<b>K6000VAE34G</b>	60 cell system, 35 mm push-in
<b>K6400VAE34G</b>	64 cell system, 35 mm push-in

**\* Specify required float size 14, 20, 24, or 34 in the kit part number.**

- Kits will ship with the grey connector unless specified otherwise. See optional connectors on pages 8 and 9.
- Fully assembled kit orders placed without drawing numbers may delay your order.
- Delivery items are not automatically added to orders. Only items specified on the purchase order will ship.
- Please refer to Float Guide on page 4 and 5 to determine proper float needed.

# Floats

Choosing the correct float is crucial in achieving the proper electrolyte level in the battery cell. The solid one piece float is acid, temperature, and impact resistant. The solid construction will not absorb water.



Float 14 mm  
**072214**



Float 20 mm  
**072220**



Float 24 mm  
**072224**



Float 34 mm  
**072234**

To determine the correct float size, use the following guide. The depth measurement is the distance between the upper edge of the cell vent and the upper edge of the separator.

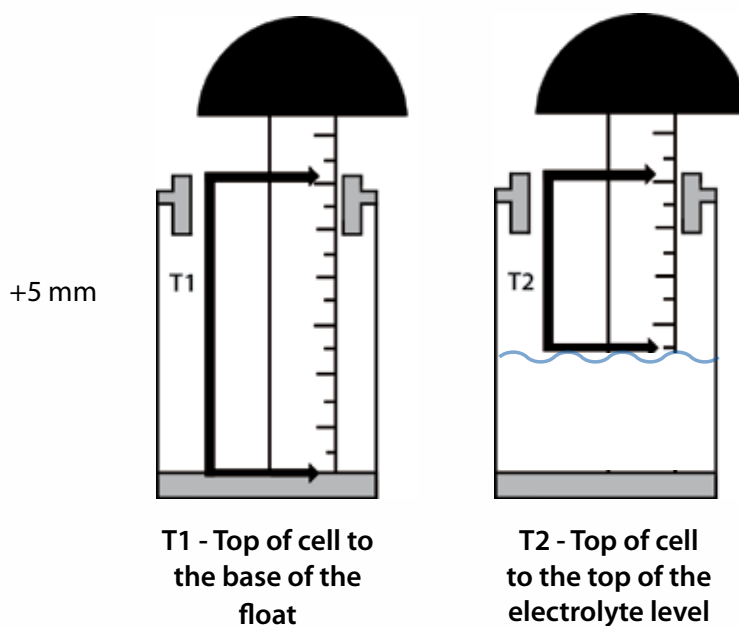
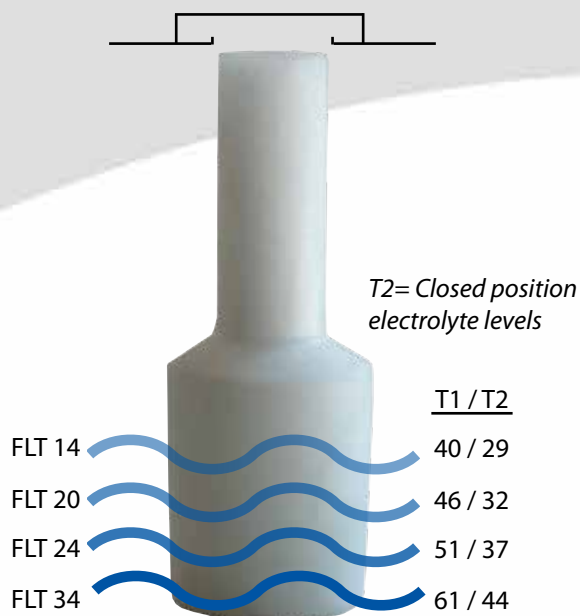
BWT Part Number	Float Size	VB-TBE Valve	
		T1 / mm	T2 / mm
072214	14 mm	40	29
072220	20 mm	46	32
072224	24 mm	51	37
072234	34 mm	61	44



Battery Watering Technologies

# Float Measurements

*Our streamlined system makes it easy to determine the proper float size.*



Float Measurements

# Monoblock Valve Guide

- Golf
- Walkie/Hand Trucks
- GSE Airline Tugs
- Sweeper Scrubbers
- Zambonis
- RV's
- Boats

MANUFACTURER	BATTERY VOLTAGE	BATTERY	VALVE
Centennial Battery	6 volt	GC-2	VB-TBB
	8 volt	GC-8	VB-TBB
Crown Battery	6 volt	CR-205	VB-TBB
	6 volt	CR-220	VB-TBB
	6 volt	CR-235	VB-TBB
	6 volt	CR-240	VB-TBB
	6 volt	CR-260	VB-TBB
	8 volt	CR-150	VB-TBB
	8 volt	CR-165	VB-TBB
	8 volt	CR-190	VB-TBB
	12 volt	CR-GC155	VB-TBY
East Penn	6 volt	GC10	VB-TBB
	6 volt	GC15	VB-TBB
	6 volt	GC25	VB-TBB
	6 volt	GC25G	VB-TBB
	8 volt	GC8V	VB-TBB
Energizer	8 volt		VB-TBB
Exide Battery	6 volt	GC135	VB-TBB
	6 volt	GC145	VB-TBB
	8 volt	GC8V-110	VB-TBB
Interstate Battery	6 volt		Call for valve type
Interstate / US Battery	8 volt		VB-TBB
Interstate / JCI	8 volt		VB-TBB
Johnson Controls	6 volt		VB-TBB
	6 volt		VB-TBY
	8 volt		VB-TBB
Surrette Battery			VB-TB5S
Trojan	6 volt	T-105, T-105 Plus	VB-TBB
	6 volt	T-605	VB-TBB
	6 volt	T-125, T-125 Plus	VB-TBB
	6 volt	T-145, T-145 Plus	VB-TBB
	6 volt	L16	VB-TB5S
	8 volt	T-875	VB-TBB
	8 volt	T-890	VB-TBB
	8 volt	Ranger™ 160	VB-TBB
	8 volt	Traveler™ 8 V	VB-TBB
	12 volt	T-1260 Plus	VB-TBB
	12 volt	T-1275 Plus	VB-TBB
	12 volt	T-1275	VB-TBY
US Battery	6 volt	US 1800 XC	VB-TBB
	6 volt	US 2000 XC	VB-TBB
	6 volt	US 2200 XC	VB-TBB
	6 volt	US 125 XC	VB-TBB
	6 volt	US 145 XC	VB-TBB
	6 volt	L16	VB-TBB
	8 volt	US 8VGCE XC	VB-TBB
	8 volt	US 8VGC XC	VB-TBB
	8 volt	US 8VGCHC XC	VB-TBB
	12 volt	US 12V XC	VB-TBB
	12 volt	US 12V RX	VB-TBU



# Monoblock Valves

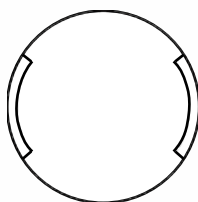
*Floats are included and assembled on the valves for monoblock applications.  
Blue connectors ship with monoblock batteries unless specified otherwise.*

Profile Valve  
**VB-TBB**

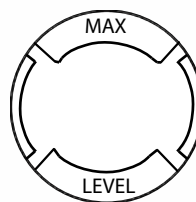


## Centurion Series Basic Kits with Push-in VB-TBB Valves

<b>K600B-GLFBCTB</b>	6 cell system with VB-TBB valve
<b>K900B-GLFBCTB</b>	9 cell system with VB-TBB valve
<b>K1200B-GLFBCTB</b>	12 cell system with VB-TBB valve
<b>K1800B-GLFBCTB</b>	18 cell system with VB-TBB valve
<b>K2400B-GLFBCTB</b>	24 cell system with VB-TBB valve
<b>K3600B-GLFBCTB</b>	36 cell system with VB-TBB valve
<b>K4000B-GLFBCTB</b>	40 cell system with VB-TBB valve
<b>K6400B-GLFBCTB</b>	64 cell system with VB-TBB valve



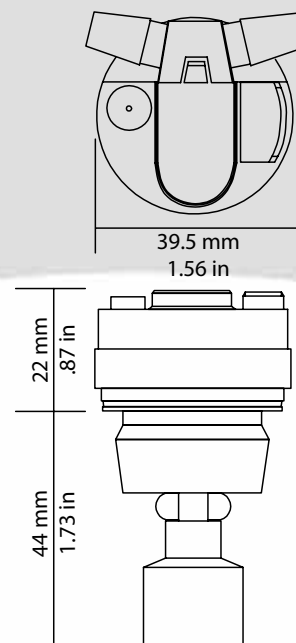
This is a typical battery  
vent opening



This is a special battery  
vent opening

The special battery vent opening is used in all Trojan Plus Series Batteries using the VB-TBB valve.

Please use caution when inserting the valve into the opening to ensure that the valve/float clear the internal obstruction, otherwise damage to the valve can occur.

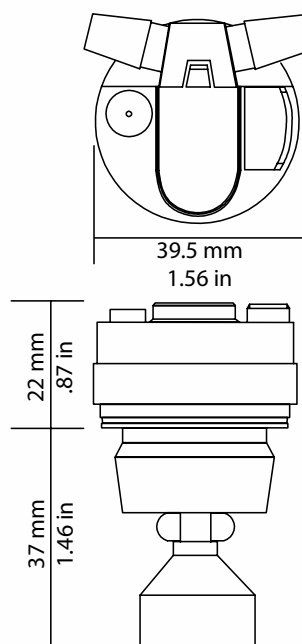


Profile Valve  
**VB-TBY**



## Centurion Series Basic Kits with Push-in VB-TBY Valves

<b>K600B-GLFBCTBY</b>	6 cell system with VB-TBY valve
<b>K900B-GLFBCTBY</b>	9 cell system with VB-TBY valve
<b>K1200B-GLFBCTBY</b>	12 cell system with VB-TBY valve
<b>K1800B-GLFBCTBY</b>	18 cell system with VB-TBY valve
<b>K2400B-GLFBCTBY</b>	24 cell system with VB-TBY valve
<b>K3600B-GLFBCTBY</b>	36 cell system with VB-TBY valve
<b>K4000B-GLFBCTBY</b>	40 cell system with VB-TBY valve
<b>K6400B-GLFBCTBY</b>	64 cell system with VB-TBY valve



- Delivery items are not automatically added to orders. Only items specified on the purchase order will ship.
- Please refer to Monoblock Valve Guide on page 6 to determine proper valve type.
- To order a competitor connector on the end of the kit, add suffix to the end of the part number (ex: F-Flow-Rite®).
- Please refer to the Monoblock Valve Guide on page XX to determine the proper valve type.

# Monoblock Valves

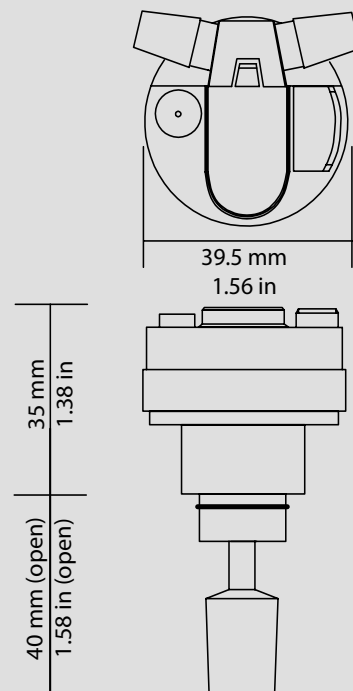
*Floats are included and assembled on the valves for monoblock applications.*

Valve for  
Group 24, 27, 31  
Push in Style with  
3/4" vent opening  
**VC-TB4**



## Partially Assembled Kits for Group 24/27/31 Batteries with Push-in VC-TB4 Valves

<b>CK600TB4</b>	6 cell system with VC-TB4 valve
<b>CK900TB4</b>	9 cell system with VC-TB4 valve
<b>CK1200TB4</b>	12 cell system with VC-TB4 valve
<b>CK1800TB4</b>	18 cell system with VC-TB4 valve
<b>CK2400TB4</b>	24 cell system with VC-TB4 valve
<b>CK3600TB4</b>	36 cell system with VC-TB4 valve
<b>CK4000TB4</b>	40 cell system with VC-TB4 valve
<b>CK6400TB4</b>	64 cell system with VC-TB4 valve

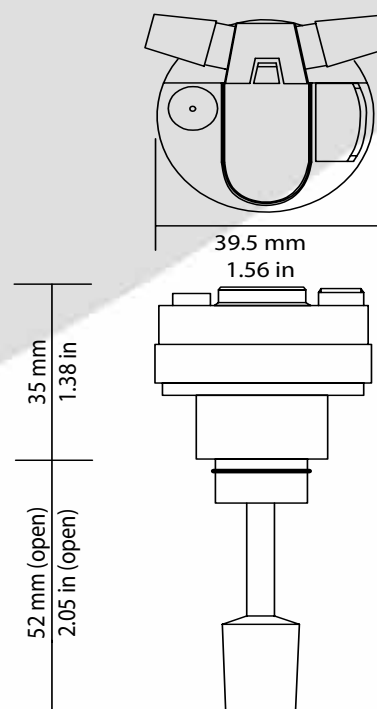


Valve for  
8D & 4D Batteries  
Push in Style with  
3/4" vent opening  
**VC-TB5**



## Centurion Series Basic Kits for 8D & 4D Batteries with Push-in VC-TB5 Valves

<b>CK600TB5</b>	6 cell system with VC-TB5 valve
<b>CK900TB5</b>	9 cell system with VC-TB5 valve
<b>CK1200TB5</b>	12 cell system with VC-TB5 valve
<b>CK1800TB5</b>	18 cell system with VC-TB5 valve
<b>CK2400TB5</b>	24 cell system with VC-TB5 valve
<b>CK3600TB5</b>	36 cell system with VC-TB5 valve
<b>CK4000TB5</b>	40 cell system with VC-TB5 valve
<b>CK6400TB5</b>	64 cell system with VC-TB5 valve



- Delivery items are not automatically added to orders. Only items specified on the purchase order will ship.
- Please refer to Monoblock Valve Guide on page 6 to determine proper valve type.
- To order a competitor connector on the end of the kit, add suffix to the end of the part number (ex: F-Flow-Rite®).
- Please refer to the Monoblock Valve Guide on page XX to determine the proper valve type.

# Monoblock Valves

*Floats are included and assembled on the valves for monoblock applications.*

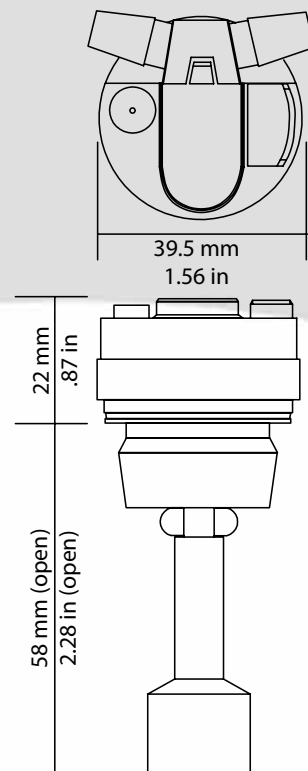
Valve for  
Rolls Surrette Batteries  
and Trojan 6v L16

## VB-TB5S



### Centurion Series Basic Kits with Push-in VB-TB5S Valves

<b>K600B-GLFBCTB5S</b>	6 cell system with VB-TB5S valve
<b>K900B-GLFBCTB5S</b>	9 cell system with VB-TB5S valve
<b>K1200B-GLFBCTB5S</b>	12 cell system with VB-TB5S valve
<b>K1800B-GLFBCTB5S</b>	18 cell system with VB-TB5S valve
<b>K2400B-GLFBCTB5S</b>	24 cell system with VB-TB5S valve
<b>K3600B-GLFBCTB5S</b>	36 cell system with VB-TB5S valve
<b>K4000B-GLFBCTB5S</b>	40 cell system with VB-TB5S valve
<b>K6400B-GLFBCTB5S</b>	64 cell system with VB-TB5S valve



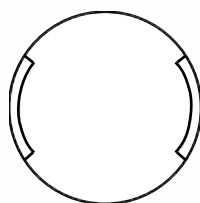
Valve for  
US Battery US 12v RX

## VB-TBU

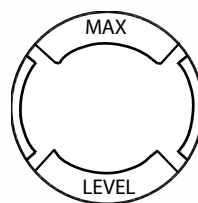


### Centurion Series Fully Assembled Kit with Push-in VB-TBU Valves

**GEZ48KITBCUS3** 24 cell system with VB-TBU valve



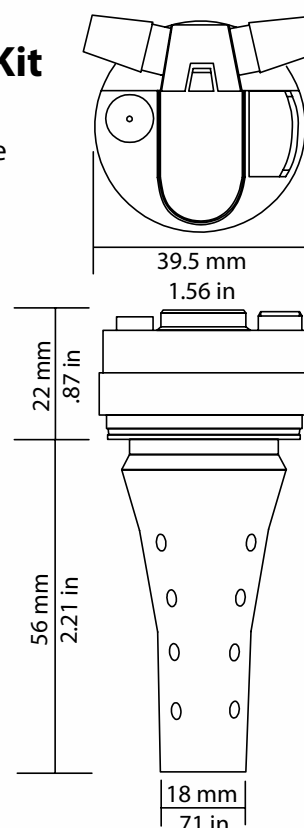
This is a typical battery  
vent opening



This is a special battery  
vent opening

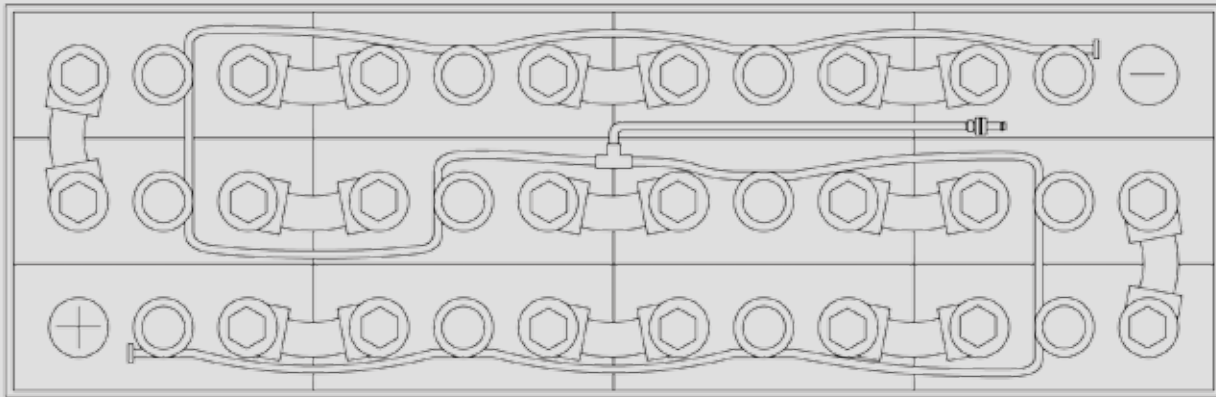
The special battery vent opening is used in the  
US Battery 12v RX using the VB-TBU valve.

Please use caution when inserting the valve into  
the opening to ensure that the valve/float clear the  
internal obstruction, otherwise damage to the valve  
can occur.

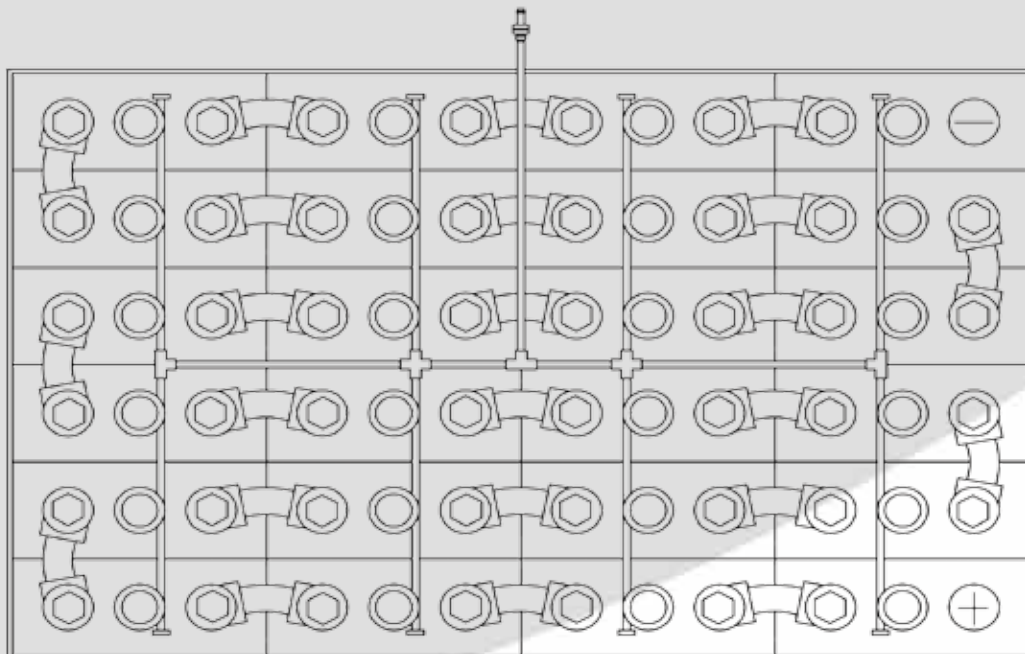


Monoblock Valves

# Industrial Drawings



24 V, DIN 43535-A



48V, DIN 43531-A

# Connectors

*There are a variety of connectors on the market. BWT makes the following recommendations on how to determine which connector will work with your watering system. Below is a simple way to determine if your connector is compatible. If you try to interchange a connector with one that is not a match, it will not work.*

	Female	Male
<b>BWT</b>	 09FBLU1	 09MBLU1
<b>Flow-Rite</b>	 09FUM1	 09FUV6
<b>Philadelphia Scientific Injector</b>	 L70654	 09PHISCI-6
<b>Philadelphia Scientific Stealth</b>	 09FUM1	 09FUV6
<b>Hansen</b>	 09HANM-1	 09HANV-6
<b>BFS / Grey</b>	 09GRF1 or 09KUM1	 09GRM6 or 09KUV6
<b>Watermaster</b>	 09CUM1	 09CUV6



# Connectors

Battery Watering Technologies' products can be used with most competitor high and low pressure products. We offer a large array of connectors for kit and delivery items to meet our customer's needs.



Use only with Direct Fill Link  
Part # DF72

Connectors

3/8" Crimp Hose  
Clamp 10 mm  
**HCC500**





Battery Watering Technologies

# Connectors

## Trademark Acknowledgements:

Watermaster® is a registered trademark of Watermaster of America, Inc.

Flow-Rite® is a registered trademark of Flow-Rite Controls.

Hansen® is a registered trademark of Air Power, Inc.

Philadelphia Scientific® is a registered trademark of Philadelphia Scientific, LLC

**Philadelphia Scientific®**  
1/4" Male  
6mm Connector  
**09PHISCI-6**



**Philadelphia Scientific®**  
3/8" Male  
10mm Connector  
**09PHISCI-1**



**WaterMaster®**  
1/4" Female  
6mm Connector  
**09CUM6**



**WaterMaster®**  
1/4" Male  
6mm Connector  
**09CUV6**



**WaterMaster®**  
3/8" Female  
10mm Connector  
**09CUM1**



**WaterMaster®**  
3/8" Male  
10mm Connector  
**09CUV1**



*Requires clamp*

**Flow-Rite®**  
3/8" Female  
10mm Connector  
**09FUM1**



*Use with Flow-Rite® Millenium  
Requires **HCC500** clamp*

**Flow-Rite®**  
3/8" Male  
10mm Connector  
**09FUV1**



*Use with Flow-Rite® Millenium and  
Philadelphia Scientific® Stealth  
Requires **HCC500** clamp*

**Flow-Rite®**  
1/4" Male  
6mm Connector  
**09FUV6**



*Use with Flow-Rite® Millenium and  
Philadelphia Scientific® Stealth  
Requires **HCC500** clamp*

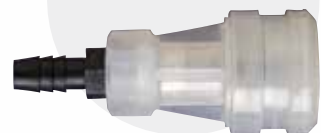
**Hansen®**  
1/4" Male  
6mm Connector  
**09HANV-6**



**Hansen®**  
3/8" Male  
10mm Connector  
**09HANV-1**



**Hansen®**  
3/8" Female  
10mm Connector  
**09HANM-1**



Connectors

# Jumpers

*This jumper is needed if you have a water delivery item with the grey connector (part **09GRF1**) and need to connect to a kit with the blue connector (part **09MBLU1**). Jumpers can be made to/from any connector by special order.*

Female  
Connector Jumper  
**09FJUMP**



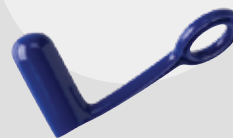
3/8" Male  
10mm Connector  
**09GRM1**



1/4" Male  
6mm Connector  
**09GRM6**



Dust Cap - Blue  
**09BDCap**



*This jumper is needed if you have a kit with the grey connector (part **09GRM6**) and need to connect to a water delivery item with the blue connector (part **09FBLU1**).*

Male Connector  
Jumper  
**09MJUMP**



3/8" Female  
10mm Connector  
**09GRF1**



*Previously Pt # **09KUM1***

3/8" Male  
10mm Connector  
**09MBLU2**



Dust Cap - Blue  
**09BDCap**





# i-Lite™ Sensor

*The i-Lite™ sensor improves battery maintenance by alerting operators with the brightest LED visual indication when it is time to water the batteries. If the indication is ignored, the sensor is so smart, it can tell the operator how long the battery went without water.*

i-Lite™ Sensor  
Standard  
**BSVA1000**



i-Lite™ Sensor  
Remote Dash Mount  
**BSVA2000**



Showing electrolyte level is ok



Water is needed



Sensor Probe

- Light is 1/2" in diameter and very bright
- Low current draw will not drain the battery
- Probe is made from lead
- Operating voltage is 8-16V Nominal
- Acceptable Exposure Range -20° F TO 160° F (-29° C to 71° C)
- Electronic housing is separate from the sensor probe
- Multiple fuses - eliminates possibility of unrestricted current flow in any direction
- Sensor is protected against transient voltages and incorrect polarity
- No calibration required
- This product is UL Classified.



i-Lite Sensor  
1/2" Drill Bit  
**BSVADR**



i-Lite™ Sensor

# Direct Fill Link

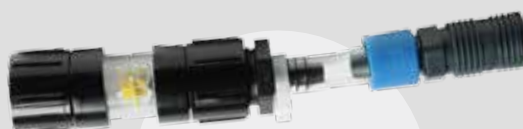
The direct fill link has a built-in flow indicator and pressure regulator. Pressure is reduced down to 10 psi. Maximum 100 psi from source into DFL.

The direct fill link is not recommended for use with Philadelphia Scientific® injector systems or Watermaster® systems.

BWT Grey



Direct Fill Link  
with 09GRF1  
Connector  
**DF72G**



Front End  
Replacement for  
DF72G  
**09FRTL72G**

Flow Indicator  
**09FWM72B**



Handle  
**GHAN2**



10 PSI  
Pressure Regulator  
**PRG915**



Female  
Quick Connect  
**L70654**



Quick Connect  
Male Adapter  
**L70655**



**Only water fully charged batteries!**



Battery Watering Technologies

# Direct Fill Link

**BWT Blue**

Direct Fill Link  
**DF72**



Replacement  
Front End  
**09FRTL72**

**Flow Rite®**

Direct Fill Link  
with 09FUM1  
Connector  
**DF72F**



Front End  
Replacement for  
DF72F  
**09FRTL72F**

**Hansen®**

Direct Fill Link  
with 09HANM-1  
Connector  
**DF72H**



Front End  
Replacement for  
DF72H  
**09FRTL72H**

Female  
Quick Connect  
**L70654**



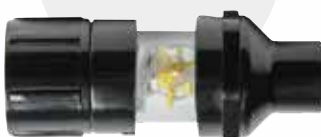
Quick Connect  
Male Adapter  
**L70655**



10 PSI  
Pressure Regulator  
**PRG915**



Flow Indicator  
**09FWM72A**



1/4" NPT  
Threaded  
Female Connector  
**09FBLUT3**



Handle  
**GHAN2**



Direct Fill Link

t: +31(0)318 696 192

# Manual Delivery Gun

*The manual gun cannot be used with automatic watering systems. It is used to manually fill each cell one at a time. In addition, it must have pressure to operate properly.*

**Only water fully charged batteries!**



- Fills batteries quickly at approximately 1.7 GPM (6.4 l/m)
- Flow diffuser slows the rapid water flow to a gentle spray
- Minimum incoming water pressure is 15 psi
- Nozzle diameter is 0.67" (1.7 cm / 17 mm). It fits into our flip-top vent caps, as well as all standard quarter-turn, bayonet and DIN openings.
- Reliable automatic shut-off fills to the correct level. Shutoff is powered by the water. No solenoids, no electronics, no wiring. Unique design eliminates post shut-off drip.
- Rugged ABS plastic industrial design with a comfortable, easy to squeeze handle.
- 45° degree nozzle is angled to make the gun comfortable to use - no awkward bending over the batteries to add water.
- Lock-in-place level control keeps fill depth from changing.
- Instant ROI. Compared to hand watering, the gun reduces labor costs.

Manual Delivery Gun

# Gravity Feed Tanks

Available in 2.5 gallon (9.46 liter) and 5 gallon (18.93 liter) sizes. The tank should be positioned at least three feet (.91 m) above the batteries to ensure proper water delivery. (Tank shelves are sold separately on page 20) Note: Always disconnect tank after watering. Never leave it attached to the watering system.

**Only water fully charged batteries!**

5 Gallon  
18.93 Liters  
Gravity Feed Tank  
**NT2000G**  
**Grey Connector**  
10"L x 10"W x 16"H  
.25m x .25 m x .41m  
10' (3 m) fill line  
(Shown)



Combo Tank and Shelf  
5 Gallon Tank  
18.93 Liters  
**TSC2000**  
**Grey Connector**  
(Shown)



2.5 Gallon  
9.46 Liters  
Gravity Feed Tank  
**NT2212GFGREY**  
**Grey Connector**  
10"L x 10"W x 10"H  
.25m x .25 m x .25m  
5' (1.5 m) fill line  
(Shown)



5 Gallon Tank with Optional Connectors

Part Number	Ships with Connector
NT2000GN	09FBLU1
NT2000GFR	09FUM1
NT2000GWM	09CUM1
NT2000GPS	09PHISCI-1 (cannot be used with injector systems)
NT2000GHAN	09HANM-1

2.5 Gallon  
9.46 Liters  
Gravity Feed Tank  
**NT2212GF**  
**Blue Connector**  
10"L x 10"W x 10"H  
.25m x .25 m x .25m  
(Not Shown)

Combo Tank and Shelf  
5 Gallon Tank  
18.93 Liters  
**TSC2000N**  
**Blue Connector**  
(Not Shown)

3/8" 10mm Filter  
**09FTR1**  
use with 3/8" 10mm tubing



Replacement Tubing - Front End  
For 5 Gallon / 18.93 Liter  
**Grey Connector**  
**09FILTK**

Replacement Tubing - Front End  
For 5 Gallon / 18.93 Liter  
**Blue Connector**  
**09FILTKN**

Replacement Tubing - Front End  
For 2.5 Gallon / 9.46 Liter  
**Grey Connector**  
**09FILTK2**

Replacement Tubing - Front End  
For 2.5 Gallon / 9.46 Liter  
**Blue Connector**  
**09FILTKN3**

Small Replacement Cap  
for 2.5 and 5 gallon tank  
**NTSCAP**



Gravity Feed Tanks



# Auto-Fill Tank and Tank Shelves

The tank should be positioned at least three feet above the batteries to ensure proper water delivery.  
Tank shelves are sold separately unless ordering tank/shelf combo on page 19.  
Always disconnect tank after watering.  
Never leave it attached to the watering system.

5 Gallon  
18.93 Liters  
Auto-Fill Tank  
**NT2000AFG**  
**Grey Connector**  
10"L x 10"W x 16"H  
.25m x .25 m x .41m  
(Shown)



Tank Shelf  
Wall Mount  
**S2000T**

The auto-fill tank is used in applications where your water supply would be plumbed directly into the tank. There is no need to fill the tank manually. This would be ideal when using the **FC1000** Charger Control (see page 22 ).



5 Gallon  
18.93 Liters  
Auto-Fill Tank  
**NT2000AFB**  
**Blue Connector**  
10"L x 10"W x 16"H  
.25m x .25 m x .41m  
(Not Shown)



Tank Shelf  
Pole Mount  
**S2000TP**

Auto-Fill Tank and Tank Shelves

Replacement Parts  
for Gravity Feed and  
Auto-Fill Tanks

Flow Indicator  
3/8" 10 mm  
**FWM1**



3/8" Tubing  
10mm  
Sold by foot  
**08TUB1**



Available as shown  
100' (30.48 m) roll

3/8" Female  
10mm Connector  
**09FBLU1**



3/8" Female  
10mm Connector  
**09GRF1**



3/8" 10mm Barb  
x 3/4 (19.05mm)  
npt  
**62066**



Reg Hose  
Clamp  
**HC5000**



Small replacement  
cap for 2.5 and 5  
gallon tank  
**NTSCAP**



# Aqua Sub Carts

Cart can be used with most competitor's systems. See page 17 for options.  
It cannot be used with injector systems or gravity only systems.

- Automatic shut off demand style pump
- Charger included (installed in battery box). Charger is intended for 120v/60 hz AC. Please contact us if voltage requirements are different.
- Direct Fill Link included with pressure regulator
- 15 and 25 gallon (56.78 liter and 94.64 liter) tank available
- Rugged steel construction ensures a trouble-free system
- Tough powder coat finish
- Heavy duty industrial wheels
- Manual gun option available
- Box size for shipping:  
48" x 24" x 24"  
1219.20 x 609.60 x 609.60 mm
- **Battery not included- Requires 24 DCM Battery**
- Approximate Shipping Weight Empty:  
15 Gallon (56.78 Liter) : 60 lbs (27.22 kg)  
25 Gallon (94.64 Liter) : 70 lbs (31.75 kg)



15 Gallon  
56.78 Liters  
Aqua Sub Cart  
**NC5000P**  
Grey Connector  
(Shown)

25 Gallon  
94.64 Liters  
Aqua Sub Cart  
**NC5250P**  
Grey Connector  
(Not Shown)

15 Gallon  
56.78 Liters  
Aqua Sub Cart  
**NC5000PN**  
Blue Connector  
(Not Shown)

25 Gallon  
94.64 Liters  
Aqua Sub Cart  
**NC5250PN**  
Blue Connector  
(Not Shown)

15 Gallon  
56.78 Liter  
Aqua Sub Cart  
with Manual Gun  
**NC5000PN-MAN**  
(not shown)

25 Gallon  
94.64 Liter  
Aqua Sub Cart  
with Manual Gun  
**NC5250PN-MAN**  
(not shown)



5/8" (15.88 mm)  
End Manual Gun  
**GMAN1**

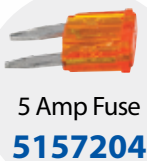
Direct Fill Link  
**DF72G**  
Grey Connector  
**DF72**  
Blue Connector

Direct Fill Link  
with 12 foot hose  
**DFHOSC**  
Grey Connector  
(Not Shown)

Direct Fill Link  
with 12 foot hose  
**DFHOSCN**  
Blue Connector  
(Not Shown)



Lid  
**5058188**



5 Amp Fuse  
**5157204**

3/4" GHT to  
3/8" Barb  
19mm GHT to  
10mm Barb  
**63163**  
(Not Shown)

Battery Box  
**BB5000**  
(Not Shown)

Charger  
**BC5000**  
(Not Shown)

Black Hose  
**BH5000**  
(Not Shown)

Pump  
**PM5000**  
(Not Shown)

25 gallon  
94.64 Liter  
Tank only  
**TK5250**  
(Not Shown)

15 gallon  
56.78 Liters  
Tank only  
**TK5000**  
(Not Shown)

Swivel Wheel  
**SV5000**  
(Not Shown)

Straight Wheel  
**SW5000**  
(Not Shown)

Handle Bar  
**HB5000**  
(Not Shown)

Frame  
**FR5000**  
(Not Shown)

Aqua Sub Carts

# AquaSub Jr



Battery Watering Technologies

8 Gallon  
30.28 Liter  
Aqua Sub Jr Cart  
**NC5080P**  
Grey Connector  
(Shown)

8 Gallon  
30.28 Liter  
Aqua Sub Jr Cart  
**NC5080PN**  
Blue Connector  
(Not Shown)

The Aqua Sub Jr.™ is lightweight, durable and great for small and medium jobs. The two-wheeled configuration handles like a piece of luggage. It rolls easily and is powered by a 12 volt battery that is included and mounted in the tank. Charger included is intended for 120v/60hz AC. Please contact us if voltage requirements are different.



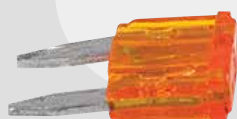
8 Gallon  
30.28 Liter  
Aqua Sub Jr Cart  
with Manual Gun  
**NC5080PN-MAN**

12 volt 5 Amp  
Replacement  
Battery

**ASJ5157209**



5 Amp Fuse  
**5157204**



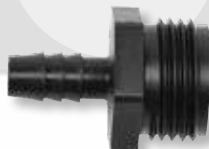
Lid  
**5058188**



Handle  
**5078207**



3/4" GHT to 3/8"  
19 mm GHT to 10 mm  
Barb  
**63163**



Filter Screen  
**09FIL2**



3/8" Female  
10 mm Connector  
**09GRF1**



Braided Tubing  
3/8" x .575  
10mm x 14.61mm  
**PW-HOSEM**



Replacement  
Battery Charger  
**BC50010**



Female  
Quick Connect  
**L70654**



Quick Connect  
Male Adapter  
**L70655**



10 PSI  
Pressure Regulator  
**PRG915**



Reg Hose  
Clamp 3/8" 10 mm  
**HC5000**



Aqua Sub Jr



# Water Deionizer

Deionizer  
Water Kit

## PW-1800

*Hose included*

12' (3.66 m) Hose to  
Delivery System  
6' (1.83 m) Hose to  
Water Supply



The deionizer can easily and inexpensively remove harmful impurities from the water.

**Easy Installation** – Simply attach the bracket to a wall with four bolts. Connect the input and output hose. Insert the probe into the fitting on top of the housing and mount the display on the back of the unit.

**Quick Check Monitor**- Monitors the water output and tells you when the cartridge needs to be replaced. Push the button to see if it is time to replace the cartridge.

**Cartridge Replacement** – No tools are needed. To replace the cartridge, unscrew the canister and put in the new one!

If water has particulates or sediment, a pre-filter is recommended. At three grains per gallon of total dissolved solids you can expect 1000 gallons or 3785.4 liters of capacity.

Our deionizer comes with an input and output hose. It connects to your choice of direct fill link, manual gun, or an approved competitor filling device.

Shipping Weight: 28 lbs (12.7 kg)

Braided Hose  
5/8" 15.88 mm  
Sold by the foot

### PW-HOSE

Fittings Sold  
Separately



Housing Tool

### PW-SW4

used to tighten lid  
on housing



Deionizer #20  
Case Housing

### PW-CASE



Hose Clamp  
3/8" to 7/8"  
10 mm to 22.22 mm

### PW-CLAMP



PW-1800  
Deionizer  
Replacement  
Cartridge

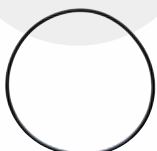
### PWRC-1800



*Deionizer replacement  
cartridge is not compatible  
with other brands.*

Gasket  
O-rings for PW-1800  
Housing

### PW-151122



Purity Light  
Replacement for  
Battery Operated Unit

### PW-LIT2



Bracket

### PW-BR



Replacement  
Cartridge for  
Competitor  
Deionizers

### DW-CAR

*Deionizer replacement  
cartridge is not compatible  
with PW-1800 Deionizer.*



Water Deionizer

# Automatic Water Control

Automatic Watering Control

**FC1000-24 (24 volt)**

**FC1000-36 (36 volt)**

**FC1000-48 (48 volt)**

**FC1000-80 (80 volt)**



The automatic watering control will monitor the battery voltage to determine when the battery charge is complete. After the charge has been completed, the control will allow water to flow to the battery for a fixed period of time depending on the battery voltage.

The control can be mounted to the side or top of the charger, or on the front panel or door of the charger.

The control is designed to operate with a gravity feed or pressure regulated supply system up to 15 psi. The plumbing supply lines should be copper, PVC, or plastic tubing.

The water supply line to the battery should only be connected once a week—not every time the battery is charged.

1/4" Tubing  
6mm  
Sold by the foot

**08TUB6**  
(sold separately)



Available by the roll  
300' (91.44 m) roll

1/4" Female  
6mm Connector

**09FBLU6**  
(sold separately)



1/4" Female  
6mm Connector

**09GRF6**  
(sold separately)



1/4" 6mm  
Flow Indicator

**09FWM6**  
(sold separately)



Automatic Water Control

## Hydrometer

The hydrometer is used to check specific gravity. It can be used on batteries with and without automated systems by removing the vent caps.

Hydrometer  
1.10-1.30 Range  
**09HYCT**



Hydrometer  
Replacement Tube  
**09HYDE**



## Refractometer

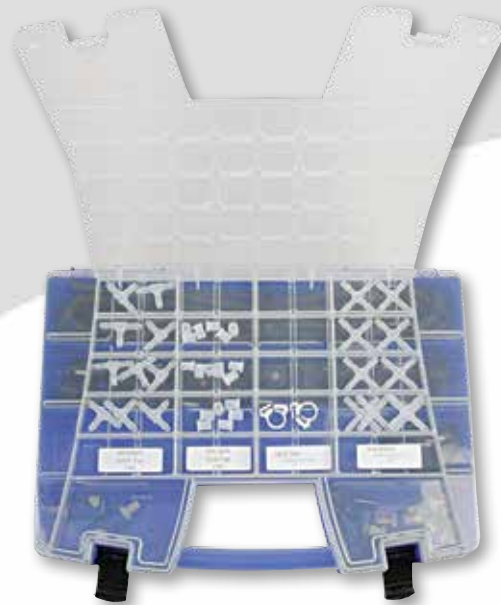
Refractometer  
**09REFR**



The refractometer is used to measure fluid concentrations of liquids. It can be used to measure specific gravity as well as determine the identity of unknown substances based on their refractive index.

# Technical Service Kit

The technical service kit is a great tool to have on every service truck in the field. It saves time and money by enabling Service Technicians to make repairs on the spot. Dual compartments make it great for storing both small parts as well as the larger tubing and valves.



Technical Service Kit  
**TK1000EU**

## Also Available:



Empty Technical Service  
Kit Box

**55328**

Assemble the parts you need

Part Number	Description	Quantity
<b>08T666N</b>	Clampless Tee 1/4" (6 mm)	10
<b>08CAP6</b>	End Cap	18
<b>VA-TBE</b>	35 mm Push-in Valve	10
<b>09GRM6</b>	6 mm Male Connector	4
<b>09GRF1</b>	10 mm Male Connector	2
<b>09BDCAP</b>	Dust Cap Blue	6
<b>HCC500</b>	Crimp Hose Clamp	2
<b>08TUB6</b>	6 mm Tubing	20 ft or 6.09 m
<b>08KR66N</b>	6 mm Cross 6 mm	10
<b>072214</b>	Float 14 mm	3
<b>072220</b>	Float 20 mm	3
<b>072224</b>	Float 24 mm	6
<b>072234</b>	Float 34 mm	6

Technical Service Kit

# Clamps

Reg Hose  
Clamp  
**HC5000**



3/8" Crimp  
Hose Clamp  
**HCC500**



1/4" Crimp  
Hose Clamp  
**HCC400**



## Filters

1/4" 6 mm  
Filter  
**09FTR6**



3/8" 10mm  
Filter  
**09FTR1**



## Gaskets

1.5 mm Gasket  
**09D15**

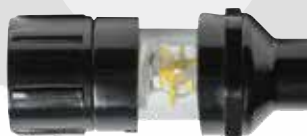


2.0 mm Gasket  
**09D20**



## Flow Indicators

Flow Indicator  
**09FWM72A**



Use with  
Direct Fill Link  
with Blue Connector  
DF72

Flow Indicator  
**09FWM72B**



Use with  
Direct Fill Links  
DF72G, DF72F, DF72H

1/4" 6 mm  
Flow Indicator  
**09FWM6**



Use with Automatic Watering  
Control and with  
WaterMaster® tanks

3/8" 10 mm  
Flow Indicator  
**09FWM1**



Standard

# Adapters and Flip Top Vent Caps

Manual  
Bayonet Vent Cap  
**MC001**



Manual  
Push-In Vent Cap  
**MAA00**



Bayonet  
Conversion  
Adapter  
**09PUAD**



# Angles and Tees

Tee  
6/10/6  
**08T616N**



Clampless Tee  
6/6/6  
**08T666N**



Clampless Tee  
10/10/10  
**08T111N**



Reducer  
10/6  
**08RED6N**



Y Fitting for  
1/4" ID  
**08Y666N**



Cross  
6/6/6/6  
**08KR66N**



Cross  
10/10/10/10  
**08KR11N**



6 means 6mm / 1/4" tubing connection  
10 means 10 mm / 3/8" tubing connection

# Caps

Dust Cap  
Blue  
**09BDCAP**



Dust cap for  
use with 09FUV6  
Connector  
**09BDCAPF**



End Piece  
**08CAP6**





# Tubing

## **Industrial Clear Tubing**

Clear 6mm Tubing  
300 feet (91.44 meters)  
Sold by the foot

**08TUB6**



Available by the roll  
300' (91.44 m)

3/8" Tubing  
10mm  
Sold by the foot

**08TUB1**



Available by the roll  
100' (30.48 m)

## **Golf Standard Clear Tubing**

Clear 1/4" Tubing  
Sold by the foot

**08TUB6K**



Available by the roll  
300' (91.44 m)

## **Industrial Kit Black**

1/4" BLACK  
Tubing 6mm  
300 feet (91.44 meters)  
Sold by the foot

**08TUB6BLK**



Available by the roll  
300' (91.44 m)

12 feet  
3.66 meters  
Delivery Hose

**HOSE-121**



Tubing  
Cutter

**TUBECUT**



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# Battery Watering Technologies



EU Distribution:  
WETAC MOTIVE POWER  
Galvanistraat 117 • 6716 AE EDE  
The Netherlands  
Ph: +31 (0)318 696 192  
[www.wetac.com](http://www.wetac.com) • [info@wetac.com](mailto:info@wetac.com)

BATTERY WATERING TECHNOLOGIES  
6645 Holder Road • Clemmons, NC 27012 • USA  
Ph: 336-714-0448 Fax: 336-714-0449 Toll Free: 877-522-5431  
[www.batterywatering.com](http://www.batterywatering.com) [freeinfo@batterywatering.com](mailto:freeinfo@batterywatering.com)  
Battery Watering Technologies is a Division of FourShare, LLC  
Re-order Lit: EUCatalog\_0414