Battery Watering Technologies

The leader in battery watering technology™

Faster.

Reduce filling time by 90%

Safer.

Keep battery area safe and clean

Better.

Improve battery life and performance

Edition 0619

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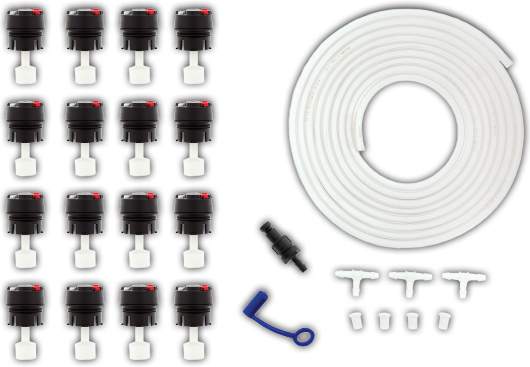
How to Order Industrial Kits

There are two types of kits offered for industrial batteries.

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. Refer to page 4 to determine the oat needed. All kits ship with the 09GRM6 connector unless speci ed di erently.

The Fully Assembled Kit

Everything is provided for the kit. It is fully assembled and ready for installation.

To place an order for a Fully Assembled Kit, you must know the battery make, model and drawing number. All kits ship with the 09GRM6 connector unless speci ed di erently. Contact Battery Watering Technologies for a drawing number.

Innovative Valve 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.

Indicator Eye

Visible from the top and side - Con rms proper operation of valves.

Ultrasonic Welded Lid

The welding fuses the lid to the valve body improving the structural strength of the valve.

Push-in Base

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

Low Profile Design

Drastically reduces the risk of damage from battery cables.

Solid One Piece Float

Acid, temperature, and impact resistant - Solid construction cannot absorb water.

Tubing Barbs

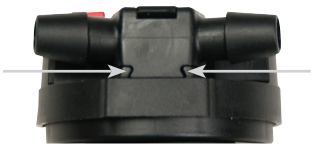
Eliminates the need for clamps and angled to make installation easy in tight con gurations.

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.

z-Lock

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



Widest Pressure Range

The valves operate with pressure from 3-35 PSI using our lling devices. House static pressure should never be more than 90 PSI. If needed, a variety of pressure regulators are available to lower pressure.

Fully Assembled Kits

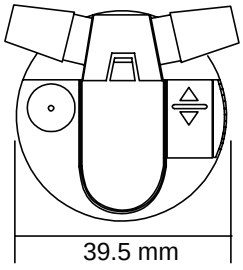
Installs in seconds.

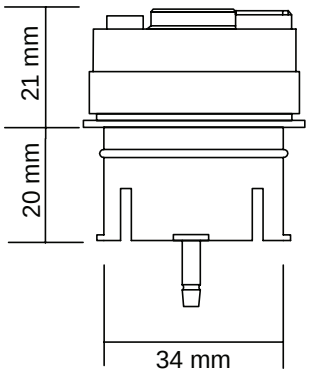
Innovative Valve Design

Pictured: K1200VAE34G Basic Kit
VA-TBE valves shown with 34 mm oats.
Floats are not included. Please specify oat size when ordering.

VA-TBE

35 mm Push-In Valve





Basic Kits

with VA-TBE Valves & 34 mm Floats

K600VAE34G ..... 6 cell system with 35 mm push-in valve
K900VAE34G ..... 9 cell system with 35 mm push-in valve
K1200VAE34G ..... 12 cell system with 35 mm push-in valve
K1800VAE34G ..... 18 cell system with 35 mm push-in valve
K2400VAE34G ..... 24 cell system with 35 mm push-in valve
K3600VAE34G ..... 36 cell system with 35 mm push-in valve
K4000VAE34G ..... 40 cell system with 35 mm push-in valve
K6400VAE34G ..... 64 cell system with 35 mm push-in valve

* Specify required oat size in the kit part number. See page 4 for oat measurements. These example part numbers use FLT34.

- Kits will ship with the grey connectors (09GRM6) unless speci ed otherwise. See optional connectors on page
- Fully assembled kit orders placed without drawing numbers may delay your order.
- Delivery items are not automatically added to orders. Only items speci ed on the purchase orc
- Please refer to Float Guide on page 4 to determine proper oat needed.

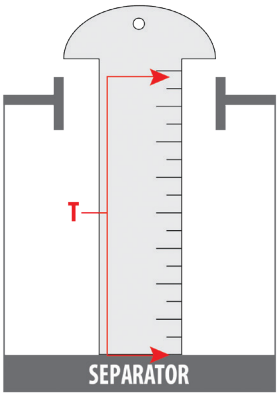
Float Guide

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.

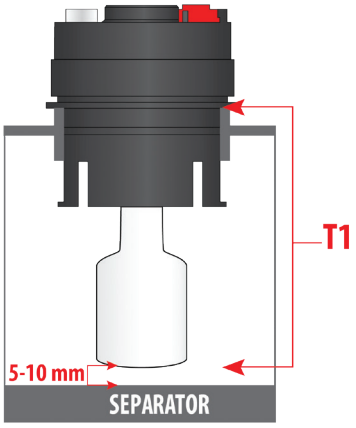
BFS		
Part #	**T1**	**T2**
072214	42	29
072220	47	34
072224	51	39
072229	56	42
072234	61	46
072239	66	50
072244	71	53
072249	76	59
072259	86	68

BWT		
Part #	**T1**	**T2**
FLT14	40	29
FLT20	46	34
FLT24	52	40
FLT29	57	44
FLT34	61	47
FLT39	67	52
FLT44	71	54
FLT49	75	57
FLT59*	86	67
* Requires Float Extension		

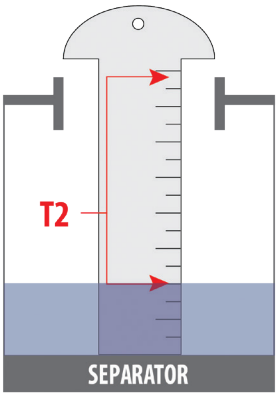
BWT Block		
Part #	**T1**	**T2**
VB-TBU	47	35
VB-TBY	37	29
VC-TB4	40	25
VC-TB5	52	34
VB-TB5S	58	46



T Measurement
Top of Cell to
Top of Separator



T1 Measurement
Top of Cell to
Bottom of Float



T2 Measurement
Top of Cell to
Top of Electrolyte Level

FLT14 **FLT20** **FLT24** **FLT29** **FLT34** **FLT39** **FLT44** **FLT49**

24 V, DIN 43535-A

48V, DIN 43531-A

Industrial Drawings