



# Data Sheet

Form No.	Issue Date	Rev. Date
<b>DS-4013</b>	<b>05/30/06</b>	<b>02/06/09</b>

## AUTO TANK FILL SYSTEM

**DESCRIPTION: MAINTAINS TANK WATER LEVEL BETWEEN 50 AND 80% OF CAPACITY.**

Consists of the following components:

Control Unit, Cables and Panel Components	Waterous Electric Rotary Actuated Ball Valve
Tank Level Sensor	2-1/2 in. Full-Flow, In-Line Mounted or 3-1/2 in. Standard, Flange or In-Line Mounted (2), (3)
Tank Level Display Panel	
Selector (On-Off) Switch	
Valve Position Control Panel (2)	
Main Control Unit	
Cables for Waterous Electric Rotary Actuator Ball Valve	

Notes:

1. The OEM is responsible for mounting the Electric Valve. It is intended to be mounted in piping connected to the Intake Nipple Dump Flange or plumbed into a separate tank fill line. If Valve is mounted in piping connected to the Intake Nipple Dump Flange, it is the OEM's responsibility to make provisions for connecting both the Intake Relief Valve and Auto Tank Fill Valve. Waterous offers a 2-1/2 in. 4-Bolt Tee or a 2-1/2 NPT Tapped Flange which may be ordered separately for this purpose.
2. The Auto Tank Fill System is designed to work with Waterous valves and will not work with other manufacturers valves.
3. The 3-1/2 in. Standard Valve is furnished for Flange Mounting. If In-Line Mounting is required, tapped flanges are to be ordered separately and shipped loose to the OEM. 2-1/2 in NPT, 3 in. NPT, 3-1/2 in. NPT and 4 in. NPT flanges are available. The 2-1/2 in. Full-Flow Valve is furnished for In-Line Mounting only. The valve is built with 2-1/2 in. NPT In-Line flange 61250.

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## AUTO TANK FILL SYSTEM

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**Order a Complete System as Follows:**  
(Note: All components are shipped loose)

### System Voltage

12 or 24

### Electric Rotary Ball Valve

#### Size

2-1/2 in. Full-Flow

3-1/2 in. Standard

#### Mounting

2-1/2 in. Full-Flow:

In-Line (*Flange Mounting Not Available*)

3-1/2 in. Standard:

Flange (*For In-Line Mounting, Also order one Size of Tapped Flanges from  
Optional Fittings Listed Below*)

**Valve Part No.** (Specifies Motor Mounting and Operator Position)

See Dimensional Drawing SPL82917

### Optional Fittings

#### Tapped Flanges for 3-1/2 in. Ball Valves

(Two Flanges Furnished with Gaskets and Mounting Hardware)

2-1/2 in. NPT, 3 in. NPT, 3-1/2 in. NPT or 4 in. NPT

#### Fittings for Installing Valve on Intake Nipple Dump Valve Flange with Intake Relief Valve

(One Fitting Furnished with Gaskets and Mounting Hardware)

2-1/2 in. 4-Bolt Flange Tee with 2-1/2 in. NPT Tap

2-1/2 in. NPT Tapped Flange