



STANDALONE UNITS  
PORTABLE—PERMANENT  
REMOTE STATIONS  
SECURE WATER ACCESS

BOTTOM LOADING OR  
OVERHEAD LOADING  
MODIFY TO YOUR SYSTEM  
SINGLE OR MULTIPLE  
HOSES



CURBSIDE BULK WATER TRUCK FILL  
STATIONS

JOHLIN MEASUREMENT LTD.

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## **Physical Description**

The Curbside Bulk Water Station is a prefabricated enclosure with the exterior dimensions of approximately 48" long x 48" wide x 48" high. Exterior will be 1/8" chequered plate aluminum for durability, ruggedness and appearance. The interior frame will be 2" aluminum angle. Frame shall be sufficient to hold and support all equipment. Skid will be 4" x 2" aluminum channel. Enclosure will be suitable for mounting on concrete pad with water, electrical and drain connections.

On one side of the station will be a lockable access door. Access door will be suitable for entry for working and maintenance.

Interior will be spray insulated and sealed to approximately 2" of insulation. Insulation value to be approximately R14. Additional insulation is available. Seasonal units will not be supplied with insulation.

Interior will be suitable for mounting an electrical panel and a 1500 watt heater and thermostat control. All electrical will be in approved conduit to code.

Lifting lugs will be included for lifting and placing on pad.

Optional Control Terminals will be mounted either on side or on top depending on site and control requirements.

Unless specified, interior piping and fittings will be 210 Stainless Steel. Piping may be welded or Victaulic.

The connections for loading will be by a quick connect coupling located approximately 6" on the exterior. Hose will not be provided as standard equipment. An optional Tower Stand for overhead discharge is available.

## **Equipment**

1 only 3" MS1000 Wafer Style Electromagnetic Flow Meter  
w Pulse at 10 litres or 10 US Gallon increments.

1 only 3" Tyco Hydraulic Control Valve—On/Off Normally closed— 110 Vac

1 only 3" Zurn Reduced pressure backflow and air gap

Unless specified otherwise all piping is Sch 10 Stainless Steel. This includes the section from the backflow to the meter. From the meter through the enclosure approximately 6" at which point it will exit the wall of the enclosure and connect with the tower stand or discharge cam-lok.

If a bottom loading station is specified, the discharge will be provided with a 3" Sch 80 PVC Nipple and quick connectors.

## **CURBSIDE BULK WATER STATION - TERMINAL OPTIONS**

### **COMPUTROL C6000**

These dispensers may be ordered with or without customer card for access. With or without cards P.I.N.

numbers may be used. Both dispensers date and time stamp and store all transactions. These are then downloaded to the office and are assigned to the appropriate customer account. Customer will receive a invoice with all their transactions listed similar to a credit card statement. Customer access must be authorised from the office.

In addition the C6000 can also act as a prepaid dispensing station. A limit is placed on an individual customer and once the limit has been taken the C6000 will deny access.

Communication package options are available depending on which is the best option for the utility.

### **SMARTVEND WATER CONTROLLER**

The SmartVend uses Smart Card technology which is similar to phone cards and copier cards. The customer purchases a prepaid dollar amount of water which is loaded into the Smart Card at the utility office by a hand held programmer call the SmartKit Console. The customer then inserts the card into the SmartVend Water Controller and as water is taken it deducts the amount from the card. This amount is determined by the pulse volume from the meter. Once the card is finished or low it can be returned to the office and more money placed on it. The utility receives the money up front and there is no communication required.

Also available with the SmartVend Water Controller is an unattended SmartVend Reload center which allows the customer to insert their card and then insert bills into the Reload center and have the money loaded onto the card.

### **COIN / BILL WATER DISPENSERS**

Basic Coin and Bill accepters may be incorporated with either of above packages or as cash water dispensers only. Within the controller, a batch volume is set per \$.25. If a dollar bill is inserted the controller counts 4 batches and dispenses accordingly. All bill denominations may be used.

### **CUSTOM DESIGN & INSTALLATION**

Available on request.

1 only UPS Power Supply -Smart UPS XL 2200VA 120V  
Battery Pack – Model Ultra Battery Pack 48V

UPS will connect Bulk Water Terminals minus the heater and the 3-Watt Cell Phone Package (If applicable) and the internal heater. Will maintain power to the heater in the enclosure for approximately 2 hours. Utility may revise and specify more or less backup supply.

Optional Hoses and Hose sizes.