



**NEPTUNE®**

Neptune Technology Group Inc.

## ARB® V System

*A meter equipped with the ARB encoder register and remote receptacle is the first step toward a totally automated reading and billing process.*



The ARB encoder register and remote receptacle together provide the meter reading and the location identification number. When the system is interrogated by the reading equipment, this data is captured in solid-state memory. After completion of the daily readings, the data is unloaded into a microcomputer for electronic transfer to the utility's billing system.

As the basic component of the total ARB system, a meter equipped with the ARB encoder register and remote receptacle is the first step toward a totally automated reading and billing process. Complete meter reading solutions, probing radio transmission is available for the ARB encoder.

ARB's "total system" concept means more meter readings per day, automated bill preparation, and shortened billing cycles for improved cash flow.

### **Warranty**

Neptune provides a limited warranty with respect to its ARB V System for performance, materials, and workmanship.

## Key Features

- Automates the remote reading of meters
- Shortens billing cycle, improves cash flow, eliminates lockouts and callbacks
- Eliminates synchronization problems between inside and outside by "reading itself," transmitting the actual reading as displayed on the register odometer
- Six-wheel encoding option allows for more precise reading of meter
- Three-wire connection between sealed encoder register and remote receptacle
- Top mounted screw terminals for easy installation
- Customer account number is programmed into the receptacle by field personnel and may be changed as necessary
- Tamper-resistant receptacle is unobtrusive and designed for easy installation
- Register has low flow indicator, and receptacle is adaptable to all current Neptune meters
- All registers are oil-filled for moisture protection in humid environments

## Registration and Register Capacity

Meter Size	4 and 6 -Wheel Encoded Odometers								
	Gallons (U.S. & Imperial)			Cubic Feet (ft <sup>3</sup> )			Cubic Metres (m <sup>3</sup> )		
	4-Wheel	6-Wheel	0	4-Wheel	6-Wheel	0	4-Wheel	6-Wheel	
5/8"	9999	9 0/5	0	9999	9 0/5	–	9999	9 0/5	–
1 1/2"	9999	9 0/5	00	9999	9 0/5	0	9999	9 0/5	–
2", 3", 4"	9999	9 0/5	00	9999	9 0/5	0	9999	9 0/5	–
6", 8", 10", 12"	9999	9 0/5	000	9999	9 0/5	00	9999	9 0/5	0
16", 20"	9999	9 0/5	0000	9999	9 0/5	000	9999	9 0/5	00

## Specifications

- Materials
  - Encoder register housing: Polycarbonate
  - Remote receptacles: ABS
  - Electrical contacts: Gold over nickel-plated copper
  - Connecting wire: 3-lead #22 AWG
- Range: Up to 500'

## Options

- Sizes available for all:
  - T-10s, HP Turbines
  - Tru/Flo™ Compounds
  - HP Fire Service Meters
  - Reclaim
- Electronic Accessory Equipment:
  - Advantage
  - Pocket
  - R900 (single)
- Units of Measure:
  - U.S. gallons
  - Cubic feet
  - Imperial gallons
  - Cubic metres



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