



Always install a V57-C700 water meter so that the arrow printed on its side points in the same direction as the water flow of your system.



Never install a V57-C700 water meter upside down. It can be installed on its side or right side up only.



Electrical connections

Once the V57-C700 has been added to your water distribution system, you will need to complete the necessary electrical connections to use it.

The counter is equipped with a cable that houses a red and black wire. These wires must be connected to one of the assigned controller's PRB ports.

When you effect any type of electrical connection involving the V57-C700, consult the following electrical notes.

1. ALWAYS HAVE A CERTIFIED ELECTRICIAN PERFORM THE ELECTRICAL CONNECTIONS.
2. INSTALL LOW VOLTAGE WIRES AT LEAST 12 inches (30 cm) FROM HIGH VOLTAGE WIRES (120/230 VAC, 24 VDC). ALWAYS CROSS HIGH AND LOW VOLTAGE WIRES AT A 90-DEGREE ANGLE.



Take the parts from the installation kit included with your V57-C700



Insert the fitting pipe inside the sealing nut as shown in this figure



Insert the sealing joint as shown in this figure



Screw the fitting assembly to your V57-C700

V57-C700 Product sheet v1.1

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Product description

The V57-C700/P and V57-C700/1P are turbine-based water meters allowing for the precise management of the water consumption for the buildings of your farm.

Notable features of the V57-C700 water meters include:

- Mainly plastic construction to prevent corrosion
- Small number of moving parts
- Designed specifically for farm environments
- Easy to install and maintain

Hardware Description

Your V57-C700 water meter includes the following standard equipment:

1x Water meter with 0.75" opening for V57-C700/P model or 1" for V57-C700/1P model



2x Sealing nut



2x Fitting pipe and sealing joint kit



Specifications

Weight

V57-C700/P
1.6 lb (0.7 kg)

V57-C700/1P
2.2 lb (1.0 kg)

Size

V57-C700/P
7.9" x 4.7" x 4" (20 cm x 12 cm x 10 cm)

V57-C700/1P
10.6" x 5.5" x 4.3" (27 cm x 14 cm x 11 cm)

Storage Temperature

-4 to 131 °F (-20 to 55 °C)

Maximum Operating Temperature

122 °F (50 °C)

Maximum Operating Pressure

150 PSI (1.03 MPa)

Humidity

90% maximum, non-condensing

Usage information

The V57-C700/P and V57-C700/1P have usage parameters that vary according to model number and flow values during operation.

Refer to the following table to determine which usage parameter applies to your model and application.

Parameter	V57-C700/P	V57-C700/1P
Flow (high)	30 GPM (113.5 l/min)	50 GPM (189 l/min)
Flow (continuous)	15 GPM (57 l/min)	25 GPM (95 l/min)
Flow (low)	0.5 GPM (1.9 l/min)	0.75 GPM (2.7 l/min)
Flow (normal)	2-30 GPM (7.6-113.5 l/min)	3-50 GPM (11.36-189 l/min)
Accuracy (normal flow)	+/- 1.5%	+/- 1.5%
Accuracy (low flow)	+/- 3%	+/- 3%

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