

GENERAL

Badger's® Calcium Chloride Dispenser System is designed for use in concrete batch plants, or wherever the need for dispensing liquid calcium chloride exists. Utilizing the Model 25 RCDL Flow Meter with electronic transmitter, these dispensers are accurate, reliable, and easy to operate. Built to exacting standards of performance, these dispensers will provide dependable service in all types of batch plant environments.

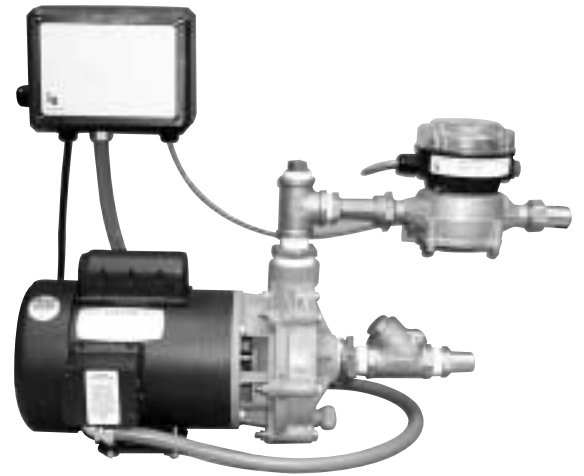
The Calcium Chloride Dispenser is available in two different types—Semi-automatic and Interface. The Semi-automatic system is equipped with a batch controller. This allows the operator to preset a desired amount and dispense that amount by simply depressing a start button.

The Interface system is designed so that it may be interfaced into a concrete batch control panel.

Pre-mounted on a steel back plate, the dispenser includes a 1 Hp, 115/230 VAC motor, 1½" PVC plastic pump, Pump contactor, Flowmeter, Pulse transmitter, Brass plumbing, and check valves. Electrical controls for Semi-automatic or Interface operation are also included. The dispenser is fully assembled, wired, and pre-tested, ready for installation.

OPERATION

Operation of the dispenser is achieved through the use of an AC-151 Semi-automatic control unit, ATC Semi-automatic control unit, or interface into a concrete batch panel. Upon a start command, the Semi-automatic controller or concrete batch panel sends a signal to the dispenser, activating the pump. The liquid is moved from the storage tank., through the flow meter, and to the discharge point. The Flowmeter transmitter sends a predetermined pulse/amount of liquid to the controller. When the pulses from the meter transmitter matches the preset amount on the controller, the pump turns off, ending the batch.

**FEATURES**

- Electronic Scaling of Meter Pulse Rate
- Available in Semi-automatic or Interface
- Materials used compatible with Calcium Chloride
- Unit Pre-wired and tested
- Easily installed & operated



FLOW METER

Type: Badger Meter Model 25 RCDL
Materials: Housing-bronze
Internals-LCP and stainless steel
Size: 3/4"
Flow Range: .5 to 30 GPM
Accuracy: +/- 1% 3-20 gpm
+/- 2% over full range
Repeatability: .5%
Operating Temp: 32 to 250 ° F
Operating Pressure: 150 psi
Max. Pressure Loss: 9 psi

PULSE TRANSMITTER

Type: Badger Meter Model PFT-1E
Electronic Scalable
Housing: Nema type 4X
reinforced nylon
Electrical: DC Voltage -
12/24 VDC Input
NPN Open Collector Output
50mA @ 24VDC
AC Voltage -
115VAC +/- 15% Input
Triac Output
130V RMS @ 500mA

MOTOR

Type: 1 Horsepower, TEFC
115/230 VAC Single Phase
1.15 Service Factor

Contactor: 25 Amp 3 Pole
115 VAC Coil
Supply: System Requires A
115 VAC 20 Amp
Power Source

PLUMBING & VALVES

All plumbing and valves are bronze, with exception of spring check valve.

Spring Check Valve has stainless steel spring & EPDM Rubber seat.

PUMP

Type: Centrifugal
Size: 1½"
Materials: Housing - Glass Filled Noryl
Seals - Viton
Flow Rate: 25 GPM @ 50 Ft. Head

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Please see our website at
www.badgermeter.com
for specific contacts.

Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent an outstanding bid obligation exists.



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