

RediFeed* RF-500

Solid Product Dispenser

Description and Use

The patent-pending RediFeed line of panel-mounted dispensers is designed to be safe and simple to operate. RediFeed controlled liquification of GE Water & Process Technologies line of RediFeed solid chemical products makes it very easy to control the feed of treatment products in small to medium sized cooling systems. Treatment products are delivered in 1-gallon (3.8 L) high-density polyethylene (HDPE) recyclable containers and are dissolved, on-demand, by RediFeed pre-assembled dispensers that are easy to install and easy to operate.

The RF-500 dispensing system utilizes an on-board microprocessor to control the delivery of two solid chemical products, making it useful to applications such as cooling systems and boilers where inhibitor and/or biocide products are used.

The RF-500 provides the flexibility to dispense an inhibitor and biocide, two biocides, or two inhibitors simultaneously.

Inhibitor products are dissolved using a solution-strength control algorithm, ensuring consistent solution concentration. Simply choose your product from the selection menu, and the controller automatically selects the correct concentration target. Biocide products are dissolved and stored for use at an arbitrary concentration (dependant upon dissolution rate). Both solutions are then pumped into the process using conventional chemical dosing pumps.

Standard feed control methods, such as a water meter-based timer for inhibitor feed and a system ORP signal for biocide feed, can easily be used in conjunction with the RF-500 to maintain targeted residual levels.



System Features

- Minimized shipping and disposal costs
- Maximized product usage - almost no wasted product (compared to drum residual)
- Compact - Small control system, small product containers, typically no containment required
- Simple to use, easy to maintain - tells you when it's empty, seconds to refill
- Two-product capability
- Press-to-Test switch for all valves
- 2-Line LCD display of system status and alarms (local/remote) on empty product container (single or pulsing to identify empty chemical) or high sump level (steady-ON)
- Unit automatically selects correct target concentration for each product used.



Find a contact near you by visiting www.ge.com/water and clicking on "Contact Us".

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Specifications

Dimensions inch (cm)	30 (76) W x 25 (64) H x 10 (25) D
Weight: lb (kg):	27 (12)
Materials of construction:	Panel, bottle receptacle, and drip-catch basin: polypropyl- ene (PP)
Plumbing:	Copper, brass, 316SS, PP, PVC
Electrical:	Supply voltage: 100-240 VAC, 50/60 Hz, 5A System alarm: normally open dry contact, 30 V AC/DC, 3A max
Supply water:	Pressure: 30 psig (2 bar) min, 100 psig (7 bar) max
Plumbing con- nections:	Inlet: & Outlets: 3/8-in. (8 mm) OD tube fitting Overflow drain: 1/4-in (6 mm) ID hose connector. Metric fit- tings provided with non-US version only

Ordering Information

- RF-500 Model with Operating Manual
- Solution delivery pumps not included - these must be ordered separately.

GE SAP Part #
2093454

Contact your GE Water & Process Technologies representative for more information.