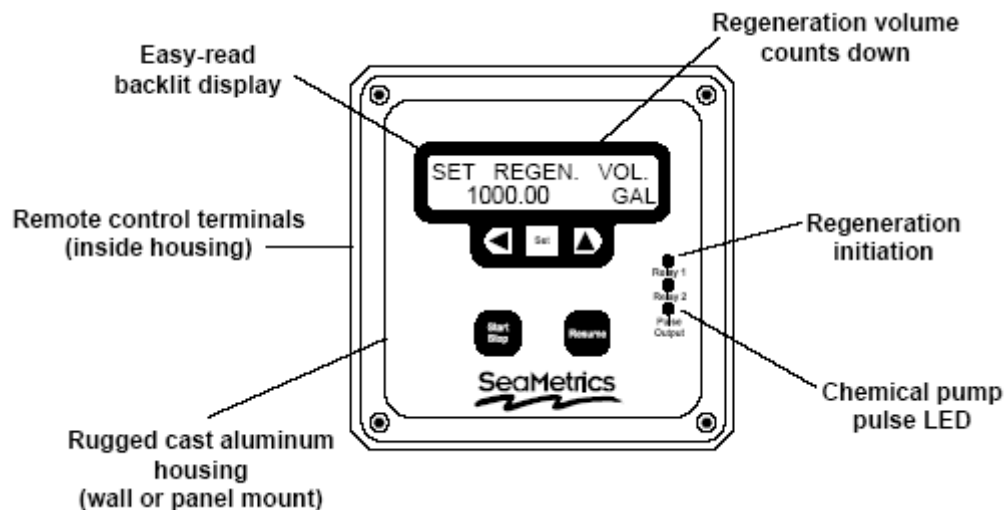


ED520 Electronic Demand Regeneration Controller

The ED520 is a flow processor specially designed for regeneration control. On the input side, it can be used with any Hall Effect (pulse type) flow meter. The output can be used to initiate regeneration in simplex, twin alternating or twin parallel systems. In addition to the regeneration functions, this unit features displays of flow rate and accumulated flow, as well as programmable pulse output and a 4-20 mA analog output, for use with remote recorders.

There are two regeneration relays, which can be used for alternating regeneration of two tanks. The outputs remain on for a duration programmed by the user, depending on the requirements of the regeneration valve being used. A programmable pulse output can be used as needed to control a brine pump or chemical metering pump.

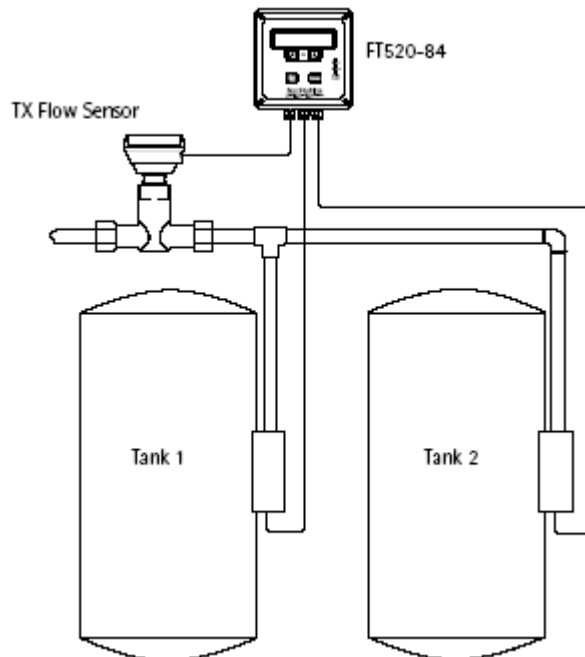
The ED520 can be wall or panel mounted.



CAT415.2

Specifications:

Part No	800120
Power	115 VAC (220 VAC optional) 50/60 Hz; 12-24 VDC
Temperature	32° - 130° F (0° - 55° C)
Enclosure	Precision cast aluminum, NEMA 4X
Initiation Outputs	Two Form C SPDT relay, 115 VAC 5A max
Max Pulse Output	100 mA at 60 VDC
Memory Type	Non-volatile EEPROM auto-backup
Sensor Power	12 VDC, 10 mA
Totalizer	8 digit
Rate Display	5 digit
Volume Units	Gallons, cubic feet, cubic meters, liters, million gallons
Output Time	1-999 Seconds
Analog Output	4-20 mA, 0-5 VDC, 0-10 VDC, opto-isolated
Sensor Input	Open collector current sink, ESD protected
Max Input Frequency	1,000 Hz
Shipping Weight	7 lbs
Manufacturer	Seametrics.



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