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## Becsys5 installation and technical manual

**Becsys5 installation manual. Becsys5 manual. What is a technical manual. Technical manual vs user manual. Major tech digital timer instructions. Becsys 5. Becsys5 controller.**

**\*\*Operation and Maintenance Manual\*\*** This manual provides instructions for operating and maintaining the BECSys5 Water Chemistry Controller. **\*\*Warnings and Caution\*\*** The following warnings and cautions should be noted when using the controller: \* Warning: Various warning boxes are scattered throughout the manual. \* Caution: Additional caution boxes may be found throughout the manual. **\*\*Environmental Conditions\*\*** The BECSys5 is designed for use in a NEMA 4X (IP65) enclosure, not explosive environments. It should be mounted to ensure adequate ventilation and prevent environmental specifications from being exceeded. **\*\*Controller Functions\*\*** The controller features various functions, including: \* Access code setup: Press the +/- button to disable the access code or enter to enable it. \* Special key functions: Certain keys may have special functions that are explained on the screen. **\*\*Alarm Settings\*\*** The controller offers alarm settings for: \* Alarm hysteresis (ORP): Sets the amount by which ORP readings must rise above the high alarm or fall below the low alarm before the alarm shuts off. \* Reset calibration (OP): Resets the calibration to its original factory setting. \* Low alarm (OP): Activates when pressure reaches or falls below a specified setting. Can be disabled by holding down the +/- key for 1 second. **\*\*Feeder Control\*\*** The feeder control function allows you to adjust the percentage of time that the feeder is on and off based on the set point. **\*\*Timer Settings\*\*** The timer settings allow you to specify a programmed range, with the first week fixed as a free chlorine control period. The controller will reset the timer if it enters TBP Pause mode. **\*\*ORP Set Point\*\*** This option sets the ORP value that controls ozone feed. Note: This paraphrased version is not meant to be a comprehensive or exact translation of the original text, but rather a summary of the main points and functions. 9487 Dielman Rock Island Ind Dr, St. Louis, MO 63132... \* A UV turndown relay turns on and requires an operator to reset the failsafe through the Reset Fail/safe button. \* The Ozone Fireman Switch option sets the minimum time for a chemical overfeed to be allowed, which may damage equipment or harm patrons. \* IP address information must be set manually via the remaining items listed here. \* If a 4-20 mA board is installed, you can choose 4-20mA output channels from the main menu. \* To log on as another access level, press the Menu key and select Logon from the main menu. \* The Super chlorination, dechlorination, sensor wash, and power saver displays status information in this area. \* Relay Modules connected to the controller show what is assigned to those relays and their current state. \* All other relays remain off until the emergency off button is pressed again. \* After removing the sensor from inside the flow cell, clean it as in routine maintenance. \* Fill the membrane cap with electrolyte, ensuring no bubbles are present. Never touch the electrode finger. \* The chlorine sensor polarizes the surface of the gold cathode, requiring a one-hour polarization period before calibration can be performed based on DPD test kit results. \* Conversion tables for measurements and dry chemical weights. Please note that I have removed all spam and junk or unnecessary content that does not fit into the article. The BECSys5 system is covered by an operation and maintenance manual, installation guide, and technical specifications for switches with varying flow rates. The documentation also includes information on valves, pressure regulators, gauges, and nipples. It provides details about the company's warranty policy, stating that they will repair or replace defective parts at their discretion. Additionally, it highlights the company's commitment to quality, design excellence, and customer service, mentioning its manufacturing facility in St. Louis, MO, where products are carefully crafted to meet high standards.