

MicroVision^{EX} Cooling Tower Controllers

MicroVision^{EX} is a microprocessor-based conductivity, pH and ORP controller, with the features and functions you need for accurate monitoring and control of cooling tower water that won't break your budget!

Features

- Toroidal conductivity sensor.
- One-point calibration.
- Large easy to read color display.
- Lockable front cover.
- Multiple level security codes.
- Up to 10 digital inputs.
- Optional 4-20 mA analog outputs.
- Dry contact alarm output.
- Battery backup.
- USB data logging is standard:
 - Up to 2 years of data logging.
 - Upload/Download program settings.
 - Upgrades to the Operating System.
- Optional PULSALink cloud based communications.



Model Number	Control Parameters	Programmable Timers	Flow Switch	Panel Mount	Pump Mounts	Digital Inputs	PULSALink Capable	PULSALink kit Part No.	USB
MVECXXXPX-XXX-XXX	Conductivity control	3	No	No	0	5	No	N/A	Yes
MVECXXXPX-XXX-XXX	Conductivity control	3	Yes	No	0	5	No	N/A	Yes
MVECXXXPX-XXX-XXX	Conductivity control	3	Yes	Yes	0	5	No	N/A	Yes
MVECXXXPX-XXX-XXX	Conductivity control	3	Yes	Yes	0	5	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity control, Little Dipper PTSA	2	Yes	Yes	0	5	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity control, Pyxis PTSA	2	Yes	Yes	0	5	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity control	3	Yes	Yes	1 to 3	5	No	N/A	Yes
MVECXXXPX-XXX-XXX	Conductivity control	4	Yes	No	0	5	No	N/A	Yes
MVECXXXPX-XXX-XXX	Conductivity control	4	Yes	Yes	0	5	No	N/A	Yes
MVECXXXPX-XXX-XXX	Conductivity control	4	Yes	Yes	0	5	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity control, Little Dipper PTSA	3	Yes	Yes	0	5	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity control, Pyxis PTSA	3	Yes	Yes	0	5	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and pH	6	Yes	No	0	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Conductivity and pH	6	Yes	Yes	0	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Conductivity and pH	6	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and pH, Little Dipper PTSA	5	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and pH, Pyxis PTSA	5	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and pH	6	Yes	Yes	1 to 3	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Conductivity and ORP	6	Yes	No	0	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Conductivity and ORP	6	Yes	Yes	0	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Conductivity and ORP	6	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and ORP, Little Dipper PTSA	5	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and ORP, Pyxis PTSA	5	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Conductivity and ORP	6	Yes	Yes	1 to 3	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Cond.,pH and ORP	5	Yes	No	0	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Cond.,pH and ORP	5	Yes	Yes	0	10	Yes	ACT-PULSALINK	Yes
MVECXXXPX-XXX-XXX	Cond.,pH and ORP	5	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Cond.,pH and ORP, Little Dipper PTSA	4	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Cond.,pH and ORP, Pyxis PTSA	4	Yes	Yes	0	10	Yes	Included	Yes
MVECXXXPX-XXX-XXX	Cond.,pH and ORP	5	Yes	Yes	1 to 3	10	Yes	ACT-PULSALINK	Yes

Note: For CE approved, non-prewired models, or 230 VAC, change the end of the code from "-XXX" to "-CZXXX"

Programmable Timer Modes:

- Percent Post Bleed
- 28 Day -Biocide
- Alarm Relay
- Set Point Control Mode
- Pulse
- Percent
- Limit

Digital Input Assignments

- #1 Flow Switch
- #2 to 4 Drum Levels
- #5 Water Meter - Hall Effect or Dry Contact
- #6 & 7 Water Meter - Dry Contact
- #8, 9 & 10 Water Meter-Hall Effect or Dry Contact

MicroVision EX Parts

Part Number	Description	Part Number	Description
12-600-00	Acc kit, Fuse, relay name lables, IOM	04-000-21-1	Toroidal probe
16-170-07	Probe Tee	04-060-00	pH probe
16-170-08	Flow Assembly, Cond, Flow	04-060-01	ORP probe
04-080-01	Little dipper sensor kit, sensor and tee	04-080-02	Pyxis sensor kit, Sensor and tee

MicroVision EX Accessories and Expansions

Part Number	Description	Part Number	Description
CK750	Check Valve Kit	PC075	Cable, Cond, Flow - Extension Kit; 75 ft
PC025	Cable, Cond, Flow - Extension Kit; 25 ft	PC100	Cable, Cond, Flow - Extension Kit; 100 ft
PC050	Cable, Cond, Flow - Extension Kit; 50 ft	UGK-MILIN	4-20mA input Upgrade kit (1)
		UGK-MILOUT	4-20mA output Upgrade kit (1)
ACT-PULSALINK	PULSALink cloud communications connection kit (required for remote communications)		