



## WEATHERPROOF CONVEYOR BELT DE-ICER SYSTEMS

## **ON/OFF TIMER CONTROL SYSTEM**

- Control system capable of operating in single cycle mode according to "on time" or in multiple cycle by activating off timer
- On time setting located inside control box.
- Off timer is located on outside of control box.
- Control system has illuminated selector switch to allow the operator to select: OFF TIMED CYCLE
   MANUAL SPRAY override.
- The system is powered by a 110-120 VAC, 60 Hz, 15 Amp, 10-foot cord.
- System mounted on base plate with pump motor and all necessary mounted fittings. This system
  can only be installed on a one delivery point pump base.



## **ALLEN BRADLEY AUTOMATED SPRAY SYSTEM**

- This is a liquid heat spray control system consisting of a 7" Optix color touch screen operator interface, an Allen Bradley PLC that controls all the functions of the system and a polycarbonate enclosure with a clear front cover to protect the operator interface.
- Standard input power requirement is 120 VAC, 15 A. The system will operate at temperatures down to -50 degrees F.
- System capable of spraying up to 3 fully automated spray points.
- System will start spraying at programmed spray temp and will only spray if belt is in motion.
- Each spray point can be programmed with 3 temperature zones that will allow for more frequent spray cycles as you drop into lower temperature zones.
- Plumbing build out for multiple spray points will have pressure regulators to adjust pressure to get desired pressure of spray bar.
- System mounted on base plate with pump motor and all necessary mounted fittings.
- System can be remotely controlled with another Allen Bradley System.



THE NEW ALLEN BRADLEY SYSTEM EASE OF OPERATIONAL PROGRAMMING MAKES IT AN EXCELLENT CHOICE TO INCORPORATE MULTI-SPRAY POINT AUTOMATION.



- Liquid heat delivery system that is controlled remotely by the customer PLC to have up to (3) three-position illuminated selector switches to allow the operator to select: OFF - REMOTE CYCLE - MANUAL SPRAY for each delivery point.
- Multispray systems to be plumbed with pressure regulators and solenoids where required.
- Control box comes complete with relay and starters for each spray point.
- System mounted on base plate with pump motor and all necessary mounted fittings.



**EXCELLENT CHOICE FOR HARD TO REACH AREAS!** 



## **OPTIONAL ACCESSORIES FOR ALL SYSTEMS**

- Custom open aluminum stand
- Custom enclosed aluminum stand with see thru door and latch.
- Custom bronze spray bar with low pressure brass nozzles
- K5 low pressure brass nozzles additional
- Float switch low level light indicator on control box
- ½" Pliable red hose additional





