



- NOTES:**
1. MODEL Z2773 UVC EXPOSURE SYSTEM SHOWN.
 2. UVC EXPOSURE SYSTEM CONSISTS OF (2) REMOVABLE UVC LAMP MODULES. EACH LAMP MODULE CONTAINS (8) GML100 UVC LAMP MODULES. EACH LAMP MODULE CONTAINS (8) GML100 UVC LAMP MODULES POSITIONED ON 4.00" VERTICAL CENTERS AND APPROXIMATELY 2.75" OFF OF CONVEYOR VERTICAL CENTERLINE.
 3. ENTIRE SYSTEM IS OF POLISHED TYPE 304 STAINLESS STEEL HEAVY GAUGE CONSTRUCTION.
 4. MAIN POWER REQUIREMENTS:
- 120 VAC SINGLE PHASE, 60 Hz, 10 AMPS
OR
- 230 VAC SINGLE PHASE, 60 Hz, 5 AMPS
 5. SYSTEM IS DESIGNED TO PROVIDE AN APPROXIMATE UVC INTENSITY OF 3,000 $\mu\text{W}/\text{CM}^2$ THROUGH OUT UV TUNNEL LENGTH. AT 17 FPM CONVEYOR LINE SPEED, PARTS WILL SEE ABOUT 10 SECONDS EXPOSURE FOR A TOTAL OF 30,000 $\mu\text{W}/\text{CM}^2$ SECONDS UVC DOSEAGE.
 6. UVC MONITOR MEASURES A SINGLE LAMP'S OUTPUT IN EACH LAMP MODULE AND DISPLAYS THAT OUTPUT AS A PERCENTAGE OF THE LAMP'S "AS-NEW" UVC OUTPUT.
 7. ADDITIONAL OPTICAL SHIELDING MAY BE REQUIRED AROUND UVC EXPOSURE CHAMBER, DEPENDING UPON PROXIMITY OF PERSONNEL TO THE UVC STATION POSITION. PLEXI-GLASS WALLS OR SLITTED WELD CURTAIN MATERIALS CAN BE USED FOR THIS PURPOSE. PERSONNEL IN THE IMMEDIATE AREA OF THE UVC UNIT SHOULD WEAR PERSONAL PROTECTION GEAR IN THE FORM OF UV EYEWEAR OR COMPLETE FACE SHIELDS AS WELL AS PROTECTIVE CLOTHING COVERING THE ENTIRE BODY.
 8. HINGED CONTROL PANELS ARE LOCATED ON BOTH SIDES OF UNIT AND CONTROL THE UVC LAMP MODULE LOCATED DIRECTLY ABOVE. CONTROLS CONSIST OF ILLUMINATED LAMP ON / OFF PUSHBUTTON, UVC INTENSITY MONITOR, LAMP STATUS PILOT LIGHTS, AND AN ELAPSED TIME METER FOR RECORDING LAMP HOURS.

SIGN FOR APPROVAL:

DATE: _____

AMERICAN AIR & WATER, INC.

DATE: 11/1/2010	APPROVED BY: MClasson	DATE BY:
MODEL Z2773 STAINLESS STEEL UVC EXPOSURE SYSTEM		
SHEET NO: 2 OF 2	DRAWING NUMBER: AUJ-2773A	