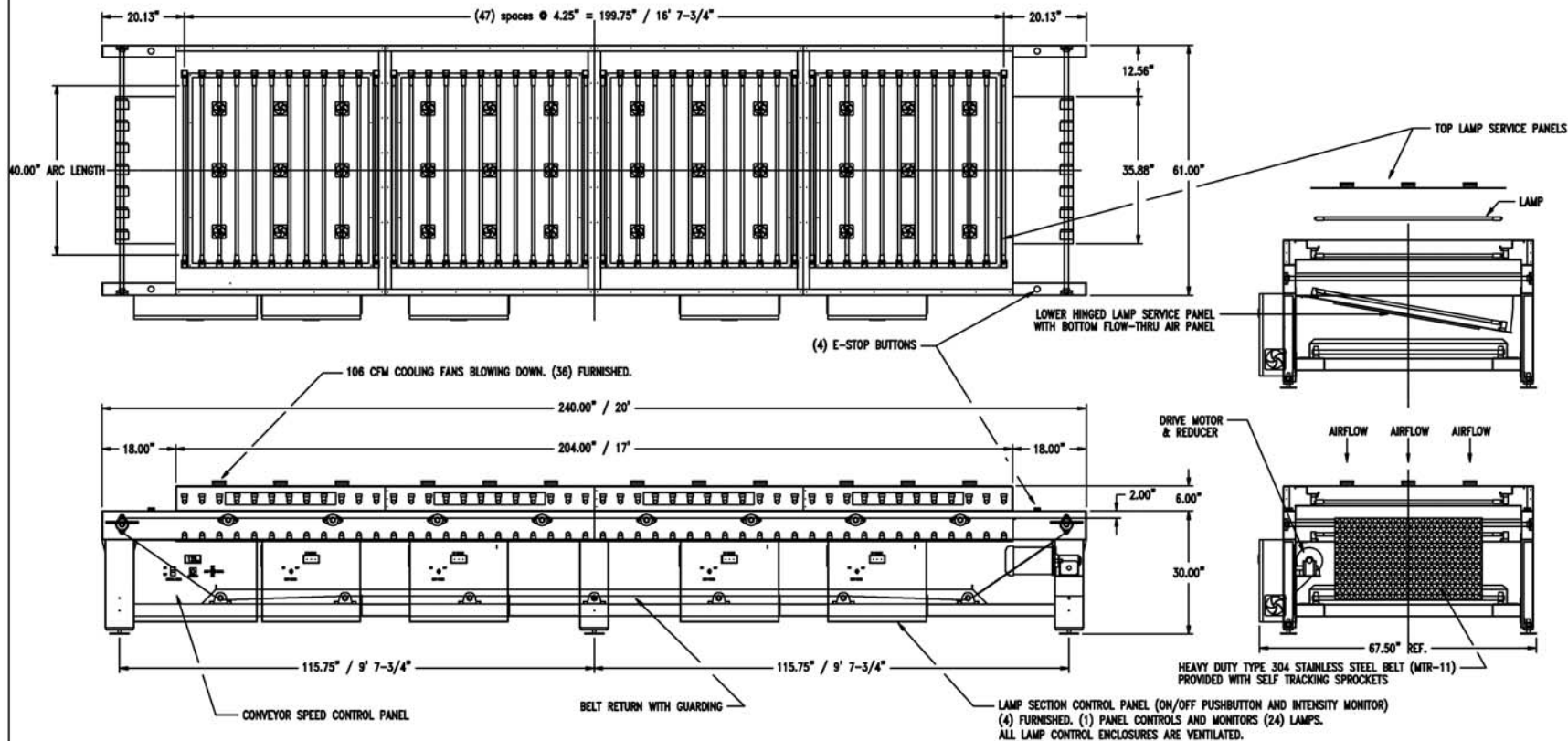


FOR ASSEMBLY DRAWING, SEE DWG. AUY-2285 SHIT. 1 OF 19, (D) SIZE DWR. # 12.  
 FOR CUSTOM FABRICATED PARTS DRAWING, SEE DWG. AUY-2285 SHITLS. 2 THRU 10 OF 19, (D) SIZE DWR. # 12.  
 FOR STANDARD FABRICATED PARTS LIST, SEE DWG. AUY-2285 SHIT 11 OF 19, (D) SIZE DWR. # 13.  
 FOR CUSTOM FABRICATED PARTS LIST, SEE DWG. AUY-2285 SHIT 12 OF 19, (D) SIZE DWR. # 13.  
 FOR PURCHASED PARTS LIST, SEE DWG. AUY-2285 SHIT 13 OF 19, (D) SIZE DWR. # 13.  
 FOR ELECTRICAL DRAWING, SEE DWG. AUY-2285 SHIT 14 THRU 18 OF 19, (D) SIZE DWR. # 7.  
 FOR IN-HOUSE MODIFICATION DRAWINGS, SEE DWG. AUY-2285M SHITLS. 1 THRU 5 OF 5, (D) SIZE DWR. # 12.



**NOTES.**

1. DRAWING SHOWS 20 FOOT LONG CONVEYOR WITH 17 FOOT LONG GERMICIDAL TUNNEL SECTION. TUNNEL CONTAINS (96) TOTAL HD LAMPS, (48) MOUNTED ABOVE AND (48) MOUNTED BELOW THE CONVEYOR BELT.
2. CONVEYOR IS CAPABLE OF TRANSPORTING 150 LBS AT A SPEED RANGE OF 25 TO 125 FEET PER MINUTE. ONE FOOT OF CONVEYOR BELT LENGTH EQUALS (3) LBS OF PRODUCT. PRODUCTION RATE CAPABILITY = 1.25 TO 6.25 LBS/SEC.
3. AVERAGE INTENSITY THROUGH OUT TUNNEL = 8,000 MICROWATTS/CM2. DWELL TIME BASED ON SPEED RANGE = 41 SECONDS (25 FPM) TO 8.2 SECONDS (125 FPM). UVC DOSAGE = 326,400 mW (25 FPM) TO 65,600 mW (125 FPM).
4. MAIN POWER TO MACHINE IS 480 VOLTS THREE PHASE, 60 HZ, 50 AMPS.
5. SYSTEM HAS MANUAL CONTROLS FOR CONTROL POWER, CONVEYOR SPEED, AND ON/OFF SEQUENCE FOR (4) LAMP BANKS. IN PLC MODE, SYSTEM IS ENERGIZED BY ONE SIGNAL THAT ENGAGES DRIVE AND LAMPS AT PREVIOUS SETTINGS.

DATE REVISION CHECKED AS SHOWN		09-02-02	REV.
REV.	DESCRIPTION	DATE	NAME
<b>AMERICAN AIR &amp; WATER, INC.</b>			
PROJECT NUMBER	OPERATION NO.	ISSUE NO.	DESIGNER
08-13-02			
GERMICIDAL STERILIZATION CONVEYOR			
ISSUED	PRICE	NO.	PROJECT NUMBER
AS NOTED	AS NOTED	AS NOTED	AUY-2285
SHEET 1 OF 18			