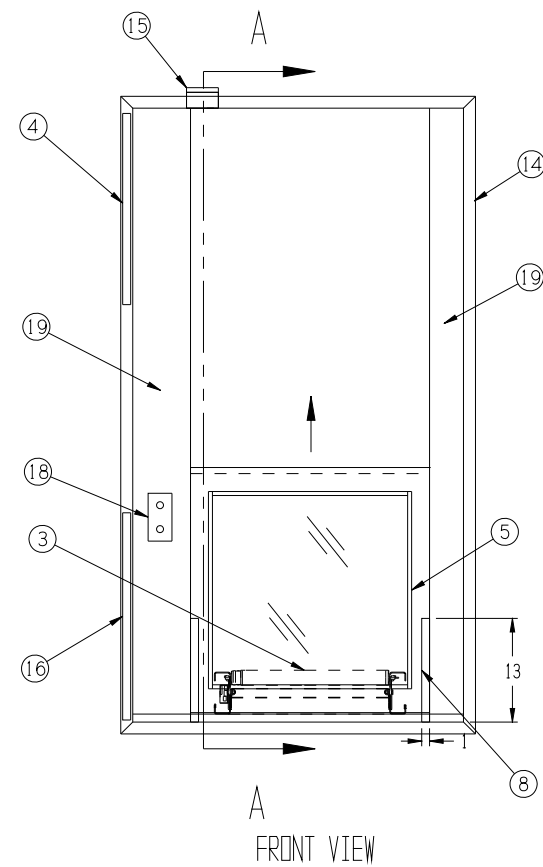
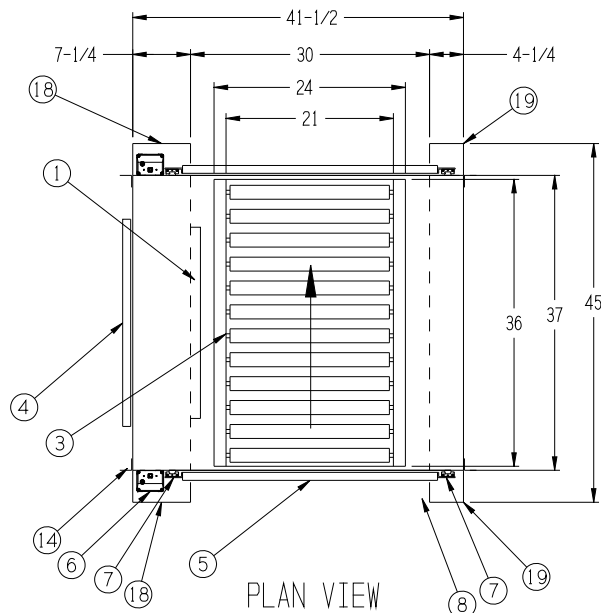
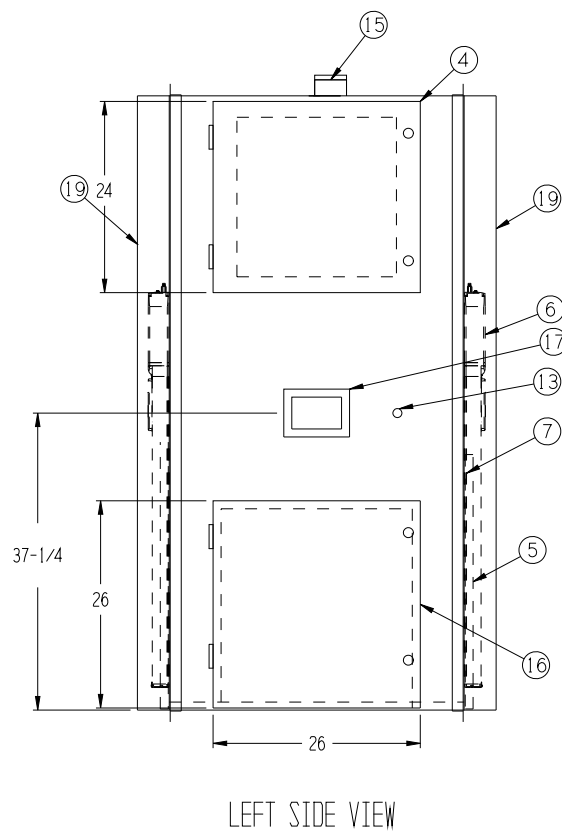
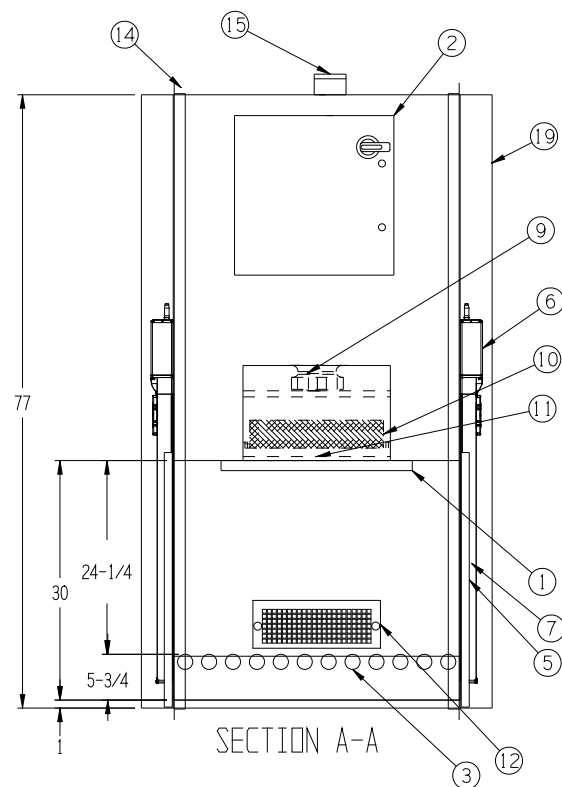




SEQUENCE OF OPERATION:

-AT REST, BOTH DOORS ARE CLOSED AND STAITS LIGHTS ARE GREEN WAITING FOR A CYCLE TO BEGIN

-PRODUCT WILL STAGE AT THE ENTRANCE TO THE PASS-THRU AND SEND A SIGNAL THAT "PRODUCT READY TO ENTER"

-PASS-THRU DOOR WILL OPEN AND EXIT DOOR STATUS LIGHT WILL TURN RED. ONCE FULLY OPEN PASS-THRU WILL SEND A SIGNAL "OK TO LOAD".

-CONVEYOR WILL START AND LOAD MATERIAL INTO PASS THRU

-ONCE PRODUCT IS LOADED, CONVEYOR SYSTEM WILL SIGNAL "MATERIAL PRESENT"

-PASS-THRU DOOR WILL CLOSE AND AIR PURGE CYCLE WILL BEGIN. BOTH DOORS STATUS INDICATOR WILL TURN RED AND AMBER AIR PURGE INDICATOR WILL TURN ON

-ONCE AIR PURGE CYCLE IS COMPLETE BLOWER WILL SHUT DOWN DOOR STATUS LIGHTS WILL TURN GREEN AND AIR PURGE LIGHT WILL TURN OFF AND PASS-THRU WILL SEND A SIGNAL TO CONVEYOR THAT PRODUCT READY TO UNLOAD

-ONCE PASS-THRU RECEIVES A OK TO UNLOAD SIGNAL THE EXIT DOOR WILL OPEN AND ENTRY DOOR STATUS LIGHT WILL TURN RED

-ONCE FULLY OPEN, PASS-THRU WILL SEND A SIGNAL "OK TO UNLOAD"

-CONVEYOR WILL START AND UNLOAD PRODUCT

-ONCE PRODUCT HAS CLEARED CONVEYOR SYSTEM TO SEND A "EXIT DOR CLEAR SIGNAL"

-PASS-THRU WILL CLOSE EXIT DOOR BOTH LOCK STATUS LIGHTS WILL TURN GREEN AND RESET FOR NEW CYCLE

-FAN WILL START RUNNING WHEN EITHER DOOR IS OPENED AND WILL SHUT OFF WHEN AIR PURGE CYCLE COMPLETES

NOTES:

-UNIT TO BE CONSTRUCTED OF 16 GA TYPE 304 STAINLESS STEEL WITH A #4 FINISH

-PASS TRU CHAMBER TO BE DOUBLE WALL COSNTRUCTION FOR A SMOOTH INTERIOR AND EXTERIOR FINISH

-CUSTOMER TO PROVIDED 115 VOLT 6 AMP POWER SOURCE TO UNIT

-ROUGH WALL OPENING TO BE 1/2" LARGER THEN OUTSIDE DIMENSIONS

-BLOWER AND FILTER ARE TOTALLY ENCLOSED WITHIN UNIT CABINET

-AIR PURGE CYCLE TO START IMMEDIATLEY AFTER DOOR IS CLOSED

-AUTO MODE OPERATES AIR PURGE CYCLE IN BOTH DIRECTIONS

-OFF MODE WITH ONLY OPERATE INTERLOCK

-MANUAL MODE WILL OPERATE INTERLOCK AND BLOWER CONTINUOUSLY

-AIR PURGE ON ADJUSTABLE TIMER INSIDE CONTROLS CABINET

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

- 1 EA. 2 FT INTERIOR MOUNTED CORNER LIGHT FIXTURE
- NEMA 4 PAINTED STEEL ELECTRICAL CONTROLS ENCLOSURE WITH NON FUSED DISCONNECT SWITCH
- CUSTOM FABRICATED MOTORIZED CONVEYOR WITH 12 ROLLERS 1.9" DIA. SUPPLIED BY CUSTOMER
- HINGED SERVICE ACCESS DOOR
- AUTOMATIC VERTICAL SLIDING DOOR FABRICATED OF 16 GA 304 STAINLESS STEEL
- BALL SCREW DOOR ACTUATORS IP65 RATED WITH BRAKE TO STOP DOOR ON POWER LOSS
- LINEAR RAILS WITH BEARING PLATES FOR SMOOTH DOOR OPERATION
- 12" SAFETY LIGHT CURTAINS FOR INJURY PROTECTION
- 220mm IMPELLER BLOWERS CAPABLE OF 400 CFM @ 1.0" WC 115 VOLT, 100 WATTS
- 18 X 18 X 3 1/2" DOWNSTREAM GEL SEAL HEPA FILTER 99.99% EFFECTIVE ON PARTICLES OF 0.3 MICRONS IN SIZE
- REMOVABLE PERFORATED STAINLESS STEEL PROTECTIVE HEPA GRILL
- 1 EA. LOW WALL RETURN GRILS WITH 1" SCOTT FOAM PRE-FILTERS
- 3/4" NPT FILTER CHALLENGE PORT
- 1 1/2 X 1 1/2 X 16 GA 304 STAINLESS STEEL FINISHING TRIM WITH #4 FINISH (SHIPPED LOOSE FOR FIELD INSTALL BY OTHERS)
- JUNCTION BOX FOR CUSTOMER ELECTRICAL CONNECTION 115V, 1PH, 60 HZ
- SIDE HINGED ACCESS DOOR FOR FILTER AND CONVEYOR MAINTEANCE
- 5" HMI FOR SYSTEM STATUS AND DIAGNOSTICS
- STATUS PANEL WITH RE/GREEN PILOT LIGHT AND AMBER AIR PURGE INDICATOR
- REMOVABLE DOOR TRACK/ACTUATOR COVERS

1 UNIT REQUIRED AS SHOWN

TAG: TYPE E

DRAWN FOR CENTRAL DRUG PRODUCTION ALBERTA HELATH EDMONTON, AB	HALCO PRODUCTS COMPANY, INC. 100 NO. GORDON STREET ELK GROVE, IL. 60007		
	TITLE PT3030-36/SS/EI/RHC/LED/VSD/PLC		
DRAWN BY DK	SIZE JOB NO. 15821	DWG NO. 1525054B0	REV
APPROVED BY	SCALE 1/2"=1'	DATE 1/24/24	SHEET