



MD8 Dryer

by Interchange

Operating Manual

Job No.....

Year.....2016



Dear New Customer:

At Interchange we strive to achieve 100% customer satisfaction. By providing our customer with a quality product combined with professional service and support, we believe this goal can be accomplished.

We would like to thank you for your recent purchase and welcome your comments on the overall experience with our company.

At anytime, please feel free to contact any the following people with your questions, comments or open issues:

Primary Contact.....	Marc Herrmann—ext. 11	marc@interchangecorp.com
Parts & Service.....	Todd Salute—ext. 13	todd@interchangecorp.com
Accounting— ext 14		carmen@interchangecorp.com

We hope your experience with Interchange met all of your expectations. If not, we stand ready to rectify any open situation and achieve our goal of 100% customer satisfaction. Once again, thank you for your business.

Sincerely,

Interchange Equipment, Inc.

Marc Herrmann
President

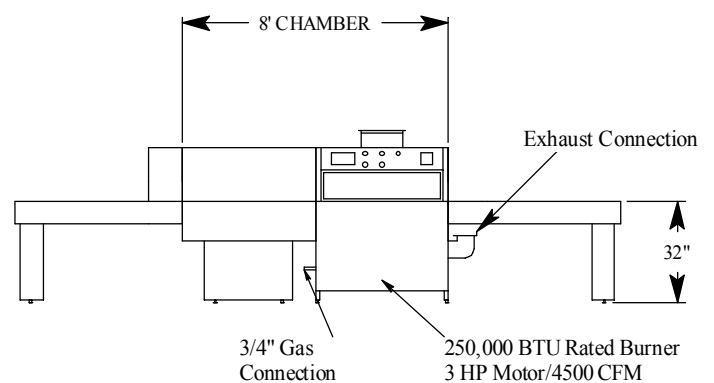
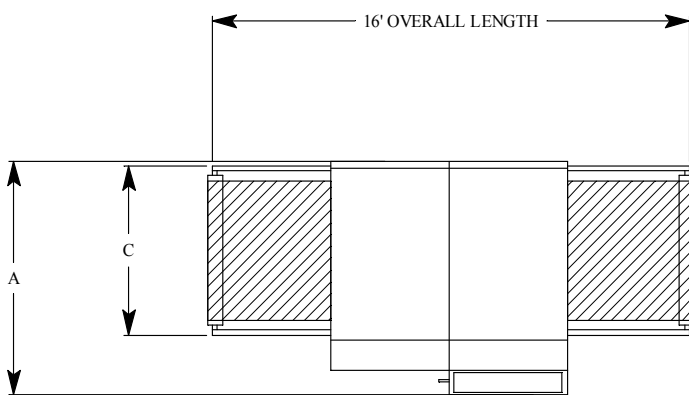
MD 8

by Interchange

OPTIONAL FEATURES

- o Infra-red panel
- o Cooling sections
- o Additional conveyor sections
- o Hi-Temp feature - up to 450°
- o Electric hot air burner
- o Automatic Doffing System for flat goods
- o UV curing capability with vacuum hold down
- o Split belts with independent speed adjustments

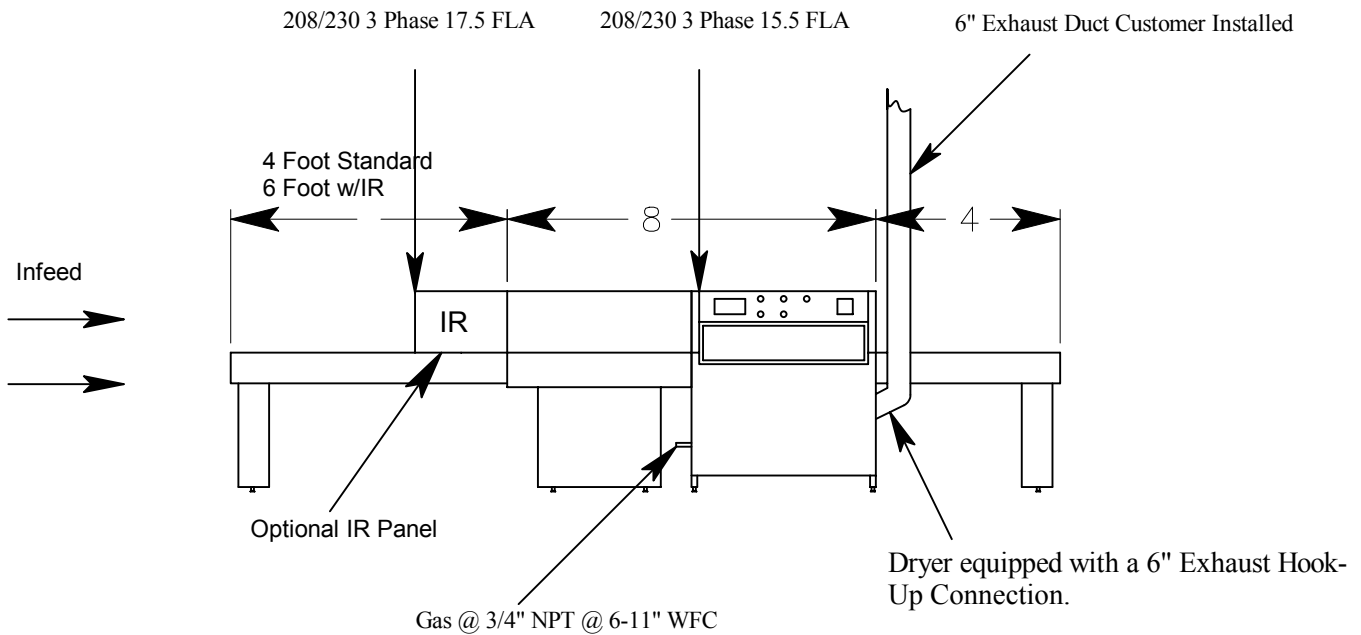
SPECIFICATIONS



MODEL	REF	BELT SIZE	A	C
3608	IN	36	70	45
4808	IN	48	82	57
6008	IN 60		97	69

Gas Type: Natural or propane 6—12" WC 3/4"
NPT Electric: 208—230 Volt, 3 Phase 15 Amp

Equipment Solutions for Specific Requirements
www.interchangecorp.com



General Installation Instructions:

Dryer to be positioned no closer than 12 inches from wall.

No special Flooring is required.

Dryer must be vented prior to Start-Up.

Utility Hook-ups must conform to local codes.

Dryer produced under UL Code 795, Fourth Addition-Commercial Industrial Gas Heating Equipment.

**MD-8
Site Installation
Customer Supplied Ductwork**



Exhaust Requirements MD8 Series Dryers

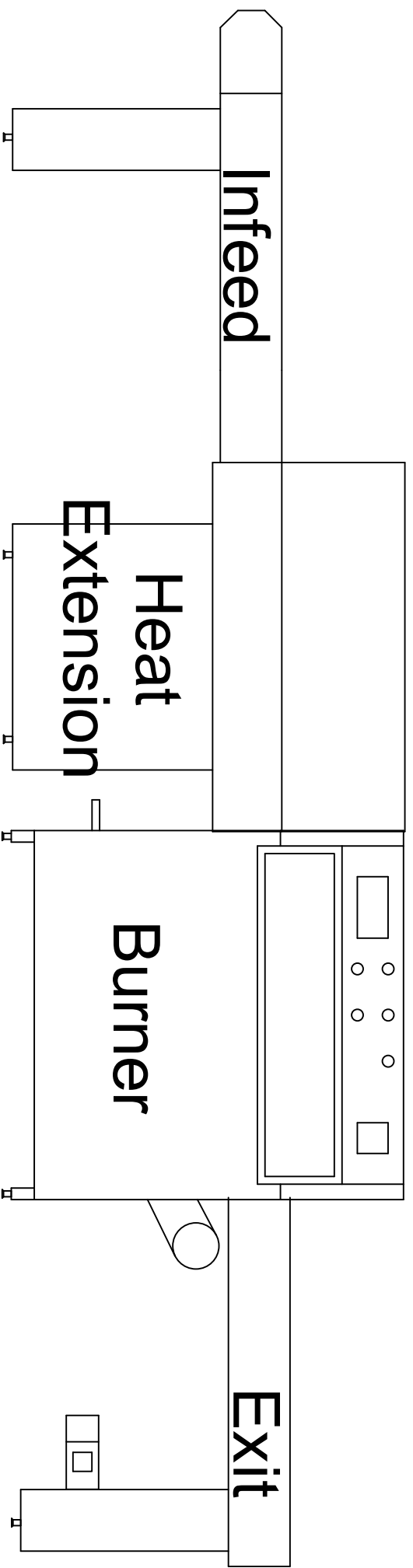
MD 8 Series dryers are produced under the UL Code 795, Fourth Addition – Commercial Industrial Gas Heating Equipment. The dryer is also listed under ETL compliance with the same and has a reference number of J98*10442. All utility hook ups and exhaust connections should comply with these codes.

The MD8 is supplied with a 6 inch exhaust duct connection point. Connect 6 inch single wall or double wall ventilation piping. Please consult your local city and/or state code to determine which type of ventilation piping is required.

If the ventilation piping travels a distance of over 30 feet from the initial connection point or if there are more than two 90 degree bends in the total run on the ventilation piping, a booster blower may be required. It is necessary to maintain 350 - 500 CFM Maximum Exhaust Capacity (12 -17 M³ / Minute Maximum) at connection point. Exhausting air temperature after 15 ft is approximately 200F. (95C)

MD8 36-48-60

Assembly Instructions



STEP 1: MECHANICAL INSTALLATION



1. REMOVE HEAT EXTENSION FROM SKID.
 - A. PLACE FORKS AS PICTURED ABOVE.
 - B. PASS FORKS COMPLETEY UNDERNEATH THE BASE.



2. REMOVE BURNER BASE FROM SKID.
 - A. PLACE FORKS UNDER LIP OF BURNER BASE.
 - B. LIFT AND PLACE BLOCK UNDER BURNER BASE.
 - C. INSERT FORKS COMPLETELY UNDER BURNER BASE.



3. PLACE BURNER BASE IN DESIRED LOCATION.



4. DRYER IS NUMBERED NUMERICALLY STARTING FROM INFEEED TO EXIT. WHEN STANDING AT THE CONTROL PANEL (BURNER SECTION), THE INFEEED AND HEAT EXTENSION ARE TO THE LEFT AND THE EXIT IS TO THE RIGHT.



5. USING A 15/16" WRENCH, LEVEL THE DRYER BY ADJUSTING THE JACKING BOLTS. ENSURE DRYER IS RAISED AT LEAST 1/2" WITH JACKING BOLTS. THIS WILL REDUCE VIBRATION.



6. MOUNT THE EXHAUST DAMPER GATE TO THE PRE-DRILLED HOLES ON THE EXIT END OF THE BURNER SECTION. HARDWARE IS INCLUDED.



7. MOUNT ADJUSTABLE HOOD GATE TO THE BURNER. LIFT GATE TO THE BOTTOM OF THE SLOT TO MAXIMIZE CLEARANCE. ADJUST ACCORDINGLY WHEN IN USE.



9. CONNECT THE EXIT MOTOR PLUG TO THE MAIN PANEL BY MATCHING THE NUMBERS.



11. MOVE HEAT EXTENSION INTO POSITION LEAVING A 2 FT. SPACE IN ORDER TO CONTINUE TO FEED THE BELT THROUGH THE DRYER.



8. MOUNT EXIT (THIS IS THE EXTENSION WITH THE MOTOR) TO BURNER BASE AND LEVEL USING THE JACKING BOLTS.



TOP OF BELT:



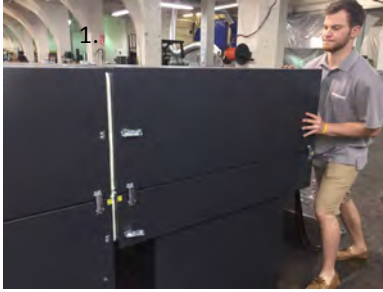
BOTTOM OF BELT:



10. UNWIND BELT AND BEGIN TO PASS IT THROUGH THE BOTTOM AND TOP SUPPORTS ON EXIT AND BURNER BASE.
 - A. TOP OF BELT HAS CONNECTING METAL STRIPS WHILE BOTTOM OF BELT HAS SEPARATE VERTICLE STRIPS.



12. BRING BELT THROUGH HEAT EXTENSION TOP AND BOTTOM BELT SUPPORTS.



13. MOVE HEAT EXTENSION INTO POSITION AND LEVEL TO BURNER BASE.



14. SECURE LATCHES BETWEEN BURNER AND HEAT EXTENSION. PERIODICALLY READJUST AND TIGHTEN ALL LATCHES AS TADPOLE SEALANT BEGINS TO SOFTEN FROM HEAT. THE TIGHTER THE LATCHES ARE THE LESS HEAT LEAKAGE THERE WILL BE.



15. MOUNT INFEEED (THIS IS THE EXTENSION WITHOUT THE MOTOR) TO THE HEAT EXTENSION AND LEVEL.

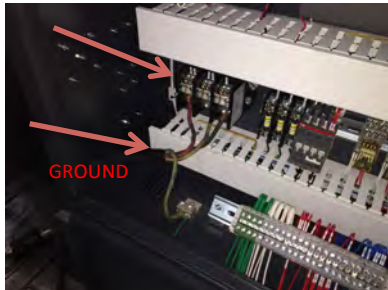


16. FEED REMAINING BELT THROUGH INFEEED AND CONNECT SPLICE USING NEEDLE NOSE PLYERS TO THREAD METAL PIN.
 A. CONFIRM TOP OF BELT BEFORE INSTALLING (SEE #10)
 B. CUT EXCESS METAL PIN IF NECESSARY.



17. ONCE DRYER INTSTALLATION IS COMPLETE AND LEVELED, LAG INFEEED AND EXIT LEGS TO THE FLOOR WITH BRACKET PROVIDED ON EACH LEG. PRIOR TO LAGGING, ENSURE INFEEED AND EXIT ARE SQUARE TO THE DRYER BASE

STEP 2: ELECTRICAL & GAS CONNECTIONS



1. A CERTIFIED PLUMBER AND/OR ELECTRICIAN MUST PERFORM ALL CONNECTIONS. CONNECT POWER SUPPLY TO DRYER (SEE ABOVE). THE SPEC PLATE LOCATED ON LEFT SIDE OF MAIN CONTROL PANEL HAS UTILITY INFORMATION.



2. CONNECT 3/4" GAS SUPPLY TO DRYER. SEE SPEC PLATE LOCATED ON LEFT SIDE OF MAIN CONTROL PANEL.

3. TURN MAIN POWER ON FROM THE ELECTRICIAN SUPPLIED FUSE BOX OR DISCONNECT BOX. THE BELT WILL NOW BEING TO START RUNNING.



4. TURN MAIN BLOWER ON AND THEN OFF TO CHECK ROTATION OF MAIN BLOWER. DIRECTION SHOULD MATCH ARROW.

STEP 3: START UP & BELT TRACKING

1. TURN POWER ON TO DRYER.
2. TURN BELT SPEED POTENTIOMETER KNOB TO MINIMUM.
3. ADJUST BELT TENSION AND BEGIN TRACKING BELT. SEE MANUAL FOR INSTRUCTIONS.
4. START DRYER WITH HEAT. SEE MANUAL FOR INSTRUCTIONS.
5. CONTINUE TO CHECK BELT TRACKING WITH HEAT AS LONG AS NECESSARY TO PREVENT DAMAGE TO BELT.

TOOLS NEEDED FOR INSTALLATION

1. FORK LIFT – RECOMMENDED
2. PUMP JACK – IF FORKLIFT NOT AVAILABLE
3. PRYBAR / HAMMER
4. 4" X 6" BLOCK OF WOOD
5. 5/16" OPEN END WRENCH
6. 7/16" OPEN END WRENCH / SOCKET
7. 9/16" OPEN END WRENCH / SOCKET
8. 5/8" OPEN END WRENCH / SOCKET
9. 15/16" OPEN END WRENCH / SOCKET
10. PHILLIPS HEAD SCREW DRIVER
11. NEEDLE NOSE PLIERS
12. DRILL FOR SECURING DRYER EXTENSION LEGS TO FLOOR

OPERATIONS INSTRUCTIONS

1. Blower on—Push Button
2. Blower off—Push and Hold Button for 3 seconds

START DRYER:

Blower must be on—

Turn burner switch to right and hold until blue purge light illuminates.

Set temperature on controller by using the up and down arrows. (start at 350 degree).

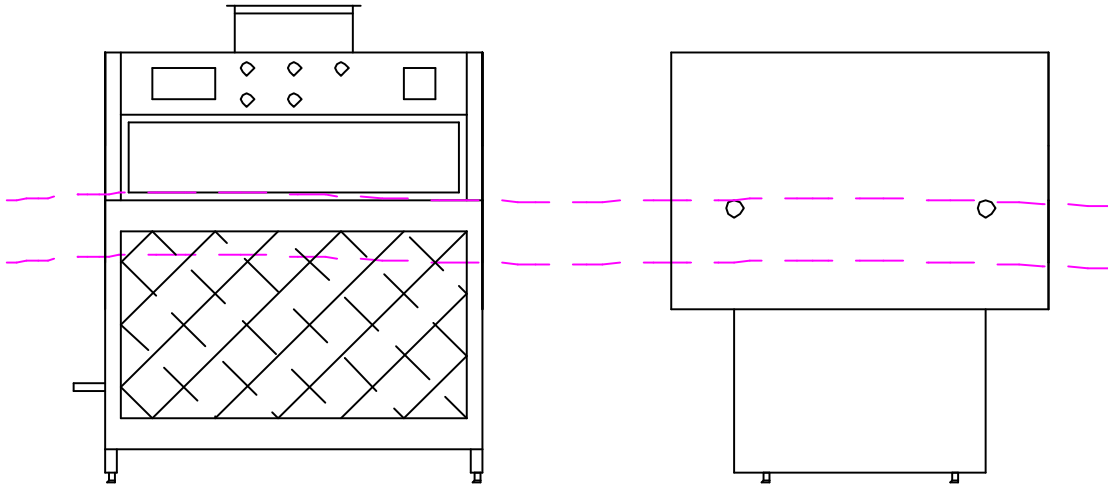
Set belt speed to the desired dwell time. This is dependent upon many factors; ink type material type/color and product type. Consult your ink supplier to determine exact ink requirements.

To turn off - turn burner switch to left. This will turn off heat (gas or electric). Blower will time out (remain on) for 10 minutes and then shut down. The belt will continue to run as long as power is supplied to dryer. After blower has timed out, power may now be disconnected from dryer.

BELT TRACKING

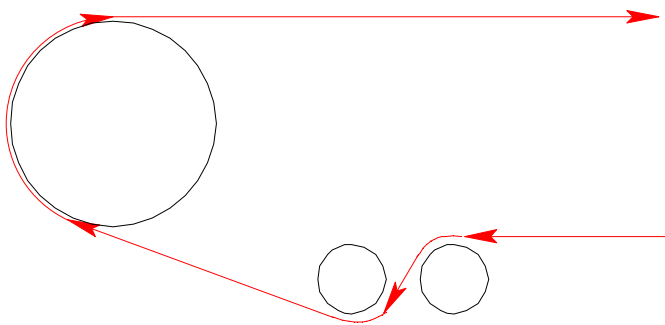
1. If your *MD8* is equipped with the "Belt Sensor" tracking system, supply the system with 70-80 psi of compressed air. Belt tracking is very important, and all tracking systems must be monitored especially during the break-in period.
2. Check that the tracking arm is centered between the two jacking bolts. Bolts should only be hand tight (see Figure c).
3. Center Belt on infeed and exit roll. Adjust belt proximity switch to read edge of belt, then move back $\frac{1}{4}$ ".
4. Remove slack from belt using adjustment bolts until belt has a uniform tension. (Too much tension can cause belt failure, do not over tighten.)
5. Turn conveyor switch to on position. Turn speed to a minimum. Belt sensor switch must not be reading the belt. When the switch does not read the belt, the tracking cylinder is extended causing the belt to walk towards the belt sensor switch. The belt should always walk towards the switch.
6. Slowly increase speed to determine which way the belt is walking. If belt is walking away from proximity switch, loosen jacking bolt A; this will further extend the tracking cylinder causing the belt to walk towards the proximity switch.
7. When the switch reads edge of belt for a constant 2 seconds, the cylinder will retract which will cause the belt to walk away from the switch. If this does not happen, loosen jacking bolt B; this will allow the cylinder to further retract.
8. Adjust the position of the switch (by rotating rod in or out) to control how the belt centers on the main rollers.
9. When adjusted correctly, belt movement is very slow and steady. If belt moves left and right too rapidly, adjust jacking bolts A&B to slow movement down.

SETUP INSTRUCTIONS
FIGURE A



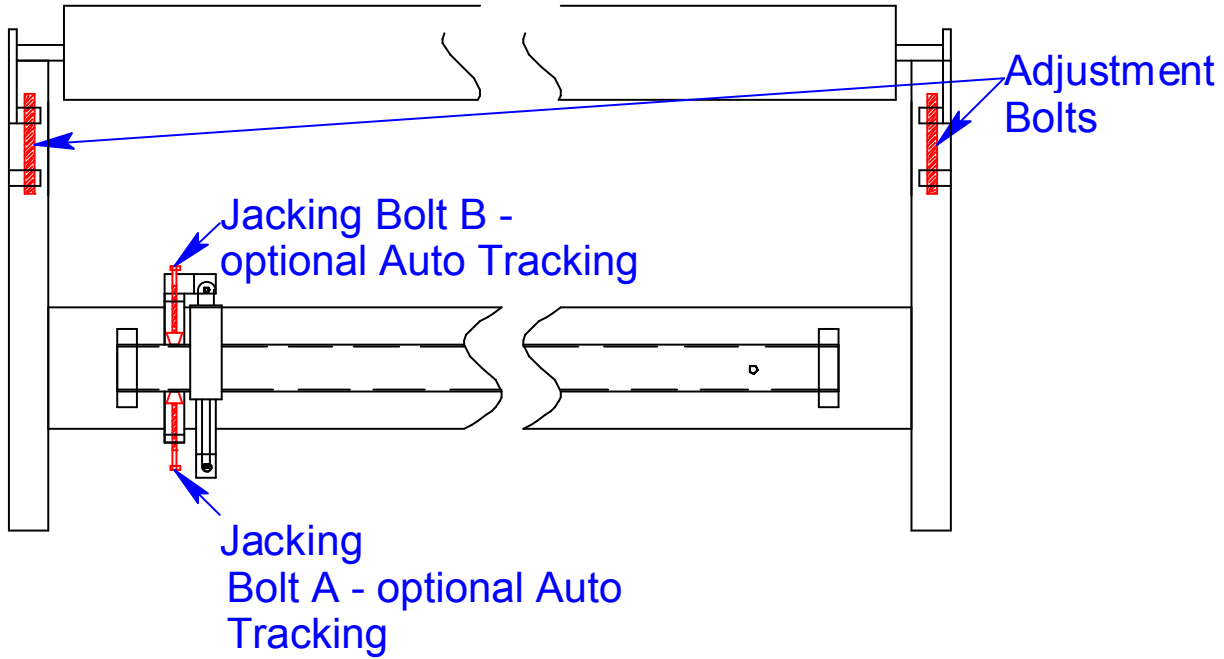
Feed String thru Dryer

SETUP INSTRUCTIONS
FIGURE B



Belt thru Tracking Rolls
for auto tracking option

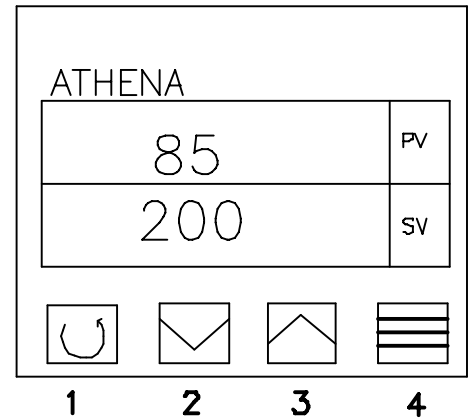
BELT TRACKING
FIGURE C



Top View Tracking System

DRYER BELT REPLACEMENT INSTRUCTIONS

1. Turn Conveyor on and bring Belt Splice around to the top of the Infeed Drum. Shut dryer off.
2. Mark the Infeed Take Up Plates so you can tension the New belt the same as your old Belt. This will give you a great starting point for re-tracking the belt too. It may be that no other adjustment is necessary.
3. Loosen the tension of the belt by using the Take Up Plate Adjustment Screws on inside of Infeed Rails.
4. Remove the Alligator Splice Connecting Pin. If difficult, work each side of Belt Splice back and forth to help loosen up zipper and pin and try again.
5. Take new Belt and connect Alligator Splice with Old Belt Alligator Splice . Use the Old Belt to pull the New Belt through the entire dryer. Remove the Old Belt from the New Belt.
6. Align Alligator Splice correctly and install new Connecting Pin on New Belt joining splice together.
7. Tension Take Up Plates to marks made as noted in Step 1.
8. Turn Conveyor on medium speed and see if belt is tracking properly. If ok, tighten 4 Lockdown Bolts on each side of the Infeed Rail. If not, make necessary adjustments using the Infeed Take Up Plate adjustments then tighten 4 Lockdown Bolts on each side of the Infeed Rail.
9. Start dryer with heat and monitor belt closely for the first hour and continue to check throughout the day. The belts have a tendency to move as they begin to break in and soften from the heat.

AUTO TUNING GAS**Temperature Control
4—20 MA**Setting Parameters

1. Push button #1 to Access Menu (Ac.Cd will flash, then menu # will flash).
2. Use arrow buttons to get to correct menu.
3. Once in correct menu, use button #1 to scroll through menu to view parameters.
4. Use arrow buttons to change parameters.

MENU	03	MENU	05
CY.t1	00	SnSr	J
SP.tt	off	OUT1	Ht.P
LSP.L	0	OUT2	Alr
USP.L	500	Unlt	F

AUTO TUNING

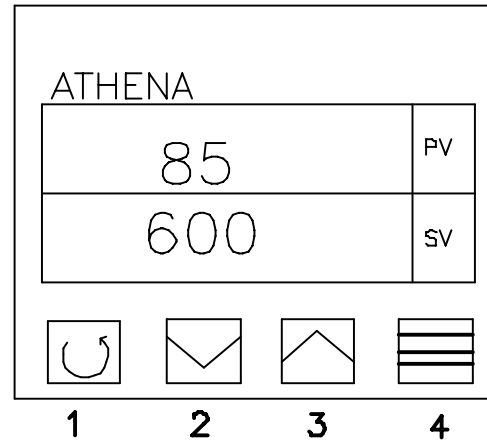
1. Blowers on.
2. Push arrow buttons to set SV (set value) 350° F.
3. Push Button #4 and hold until "Tune" flashes— once flashes then release.
4. Turn burner \ heat switch to ON—(switch will return to center).
5. Auto Tune will begin.
5. When "Tune" stops flashing, procedure is complete.

NOTE:

- Dryer must be ambient temperature before auto tune.
- If dryer is double burner, do both sections at same time.
- When all is set and working correctly, put controller into Menu 01. This allows only the changing of SV. Once in menu 01, button #1 must be depressed for a full 30 seconds to access other menus.

AUTO TUNING—I/R SECTION IF APPLICABLE

Temperature Control



Setting Parameters

1. Push button #1 to Access Menu (Ac.Cd will flash, then menu # will flash).
2. Use arrow buttons to get to correct menu.
3. Once in correct menu, use button #1 to scroll through menu to view parameters.
4. Use arrow buttons to change parameters.

MENU	03	MENU	05
CY.t1	15	SnSr	K (cA)
SP.tt	off	OUt1	Ht.P
LSP.L	0	OUt2	ALr
USP.L	1000	Unlt	F

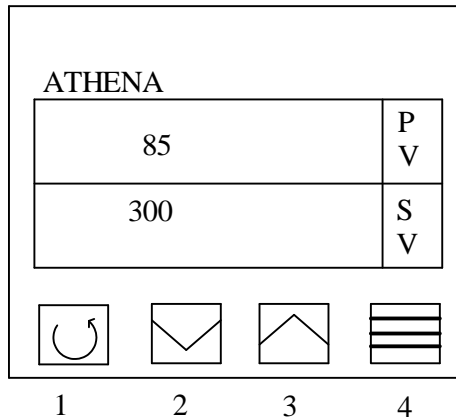
1. Main burner must have flame on.
2. Set IR selector switch to OFF.
3. Push button #4 and hold until "STBY" flashes—then release.
4. Push arrow buttons to set SV to 600° F.
5. Push Button #4 and hold it until "TUNE" flashes—then release.
6. Turn selector switch to ON—Auto Tune will begin.
5. When tune stops flashing, procedure is complete.

NOTE:

- Dryer must be ambient temperature before auto tune.
- When all is set and working correctly, put controller into Menu 01. This allows only the changing of SV. Once in menu 01, button #1 must be depressed for a full 30 seconds to access other menus.

AUTO TUNING FOR ELECTRIC HOT AIR MD8

TEMPERATURE CONTROL



SETTING PARAMETERS

PUSH BUTTON #1 TO ACCESS MENU (Ac.Cd will flash, then menu # will flash) USE ARROW BUTTONS TO GET TO CORRECT MENU.

ONCE IN CORRECT MENU, USE BUTTON #1 TO SCROLL THROUGH MENU TO VIEW PARAMETERS. USE ARROW BUTTONS TO CHANGE PARAMETERS.

MENU 03 CY.t1 15 SP.tt off LSP.L 0 USP.L 500	MENU 05 SnSr J OUt1 Ht.P OUt2 ALr UnIt F
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AUTO TUNING

1. BLOWERS ON
2. PUSH ARROWS TO SET SV TO 300 DEG. F
3. PUSH BUTTON #4 & HOLD IT IN UNTIL "TUNE" FLASHES, THEN RELEASE.
4. TURN BURNER\HEAT SWITCH TO ON (SWITCH WILL RETURN TO CENTER)
5. AT THIS POINT AUTO TUNING WILL BEGIN. WHEN TUNE STOPS FLASHING,PROCEDURE IS COMPLETE.

NOTE DRYER MUST BE AT AMBIENT TEMP. BEFORE AUTO TUNE

NOTE IF DRYER IS A DOUBLE BURNER,DO BOTH SECTIONS AT SAME TIME.

NOTE WHEN ALL IS SET & WORKING CORRECTLY,PUT CONTROLLER INTO MENU 01. THIS ALLOWS ONLY THE CHANGING OF SV. ONCE IN MENU 01,BUTTON #1 MUST BE DEPRESSED FOR A FULL 30 SEC. TO ACCESS OTHER MENUS.

MD-8 GAS FIRED MODEL MAINTENANCE

- 1.** Grease the bearings on the blower fan drive shaft (with high temperature grease only), every 200 operating hours or once a month depending on your production level. They are located on either side of the burner section under the heat extensions.
- 2.** Grease the shaft and conveyor bearings (with standard grease) every 200 operating hours or once a month depending on your production level. Check oil level in belt speed reducer every 4 to 5 months or every 300 operating hours.
- 3.** Check belt drive brushes every 600 operating hours.
- 4.** If the dryer is equipped with "Belt Sensor" switch, check the operation of cylinder for smooth operation. This is important to keep the belt tracking working properly.
- 5.** The dryer is equipped with lint filters which are located on the rear of the dryer for easy access. They should be cleaned at least once a week along with recirculation blower blades.
(depending on your production level). Check daily until a schedule can be determined.
- 6.** We recommend checking the inside of the dryer for buildup of dust and debris. This can easily be accomplished by un-latching the exhaust hoods and checking the inside of the hoods. The burner section can be checked by opening the door located under the filters. Every application is different, so there is no set schedule. Check monthly until a schedule can be determine.
- 7.** Inspect Blower Motor Pulley Belt damage. Tension if necessary.
- 8.** Inspect and clean Flamerods and Igniter at Burner Basket location with a fine grit sandpaper quarterly. Also inspect and replace if necessary, all related wiring.
- 9.** Inspect and clean or replace Main Panel Cooling Fan Filter periodically

NOTE:

It is very important to keep the entire dryer clean. If lint is allowed to build up, the efficiency and drying capabilities will be greatly diminished.

MD-8 ELECTRIC FIRED MODEL MAINTENANCE

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- 7.** Inspect Blower Motor Pulley Belt damage. Tension if necessary.
- 8.** Inspect wires and connections on Duct Heaters.
- 9.** Inspect and clean or replace Main Panel Cooling Fan Filter periodically

NOTE:

It is very important to keep the entire dryer clean. If lint is allowed to build up, the efficiency and drying capabilities will be greatly diminished.

RECIRCULATION BLOWER SHAFT BEARINGS LUBRICATING INFORMATION

The 2 Recirculation Blower bearings are pre-greased. Maintenance recommendation is as follows...

- Grease fittings in both bearings every 30 days.
- Blower should be turned to off position.
- Rotate shaft by hand and pump in new grease until existing grease begins to push out of both bearings. This will ensure removal of broken down grease within the bearing.
- Wipe off all excess grease from both bearings.
- Note...It is not uncommon for the grease to reach a slightly liquefied state from the heat and run down the dryer wall from the bearings.

RECOMMENDED TYPE OF GREASE FOR BOTH EXHAUST BLOWER AND RECIRCULATION BLOWER SHAFT BEARINGS

High Temperature Bearing Grease, NLGI Grade 2, Minimum Dropping Point 536 Degrees Fahrenheit, Container Size 14.1 Ounces, Temperature Range -15 to 392 Degrees Fahrenheit.

BELT DRUM BEARINGS LUBRICATING INFORMATION

The 4 Belt Drum bearings are pre-greased. Maintenance recommendation is as follows...

- Grease every 60 days. 2 pumps per fitting are sufficient.
- Belt should be turned to off position.

RECOMMENDED TYPE OF GREASE FOR BELT DRUM BEARINGS

- General Purpose Lithium Grease. Container Size 14.1 Ounces, Temperature Range, standard.

If the dryer is **NOT PURGING**, possibly there is a safety issue. Start by checking if input X1 is illuminated on PLC. The following four components are in series in the safety circuit:



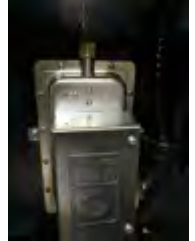
High temperature switch failure



Low gas pressure switch failure



High gas pressure switch failure

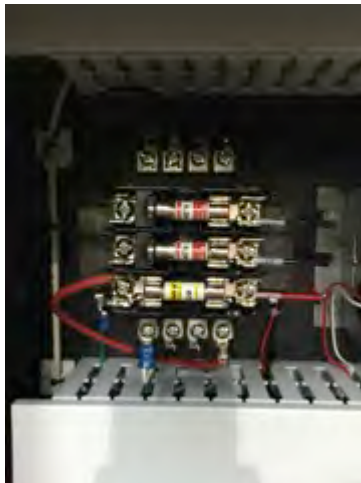


Airflow switch failure

If the dryer **DOES NOT COME OUT OF PURGE**, possibly there is a burner control issue. Reset the Fire eye/Honeywell.



If there is **NO CONTROL POWER TO MAIN PANEL**, check the fuses on the control voltage transformer.



If the **CONTROL PANEL HAS POWER BUT DRYER IS NOT FUNCTIONING**, check if the PLC is in run mode – green LED will be illuminated – and check if it has power – GREEN LED illuminated



If the **RECIRCULATION BLOWER IS NOT OPERATING** check:
 -Blower motor fuses
 -Blower motor contactor
 -Blower motor V-belt



If the **DRYER BELT IS NOT MOVING**, check:



DC drive board connections



Belt motor brushes for excessive wear. Replace if necessary



Belt motor chain to see if broken (take guard off to access). Replace if necessary.

If the dryer is **NOT LIGHTING**, check the following components:



Igniter (white wire), check wire condition and fitting connection. If it is brittle and cracked, replace it. Remove spark plug and clean gap at the tip of the spark plug using fine sand paper.



Fitting connection instruction:
-Unthread connector into two pieces
-Strip end of igniter wire back 3/16"
-Insert stripped wire into top portion of fitting and thread two pieces back together



Ignition transformer: Check wire fitting connection

If the dryer is **FLAMING OUT**, checking the following:

- If it is a Safety issue - does not require a Fire eye reset (See NOT PURGING for the components to check)
- If it is a Flame signal issue - reset the Fire eye and then follow steps below:



1. Clean lint filters



2. Remove access door to blower. See above pictures for location and access to recirculation blower.



2a. Thoroughly clean recirculation blower



3. Inspect flame rods and wiring (blue wire). Clean flame rods using fine sand paper. If the rods are pitted and chipped, replace them.



4. Inspect flame rod wire. If it is brittle and cracked, replace it. See fitting connection instructions on page 2.

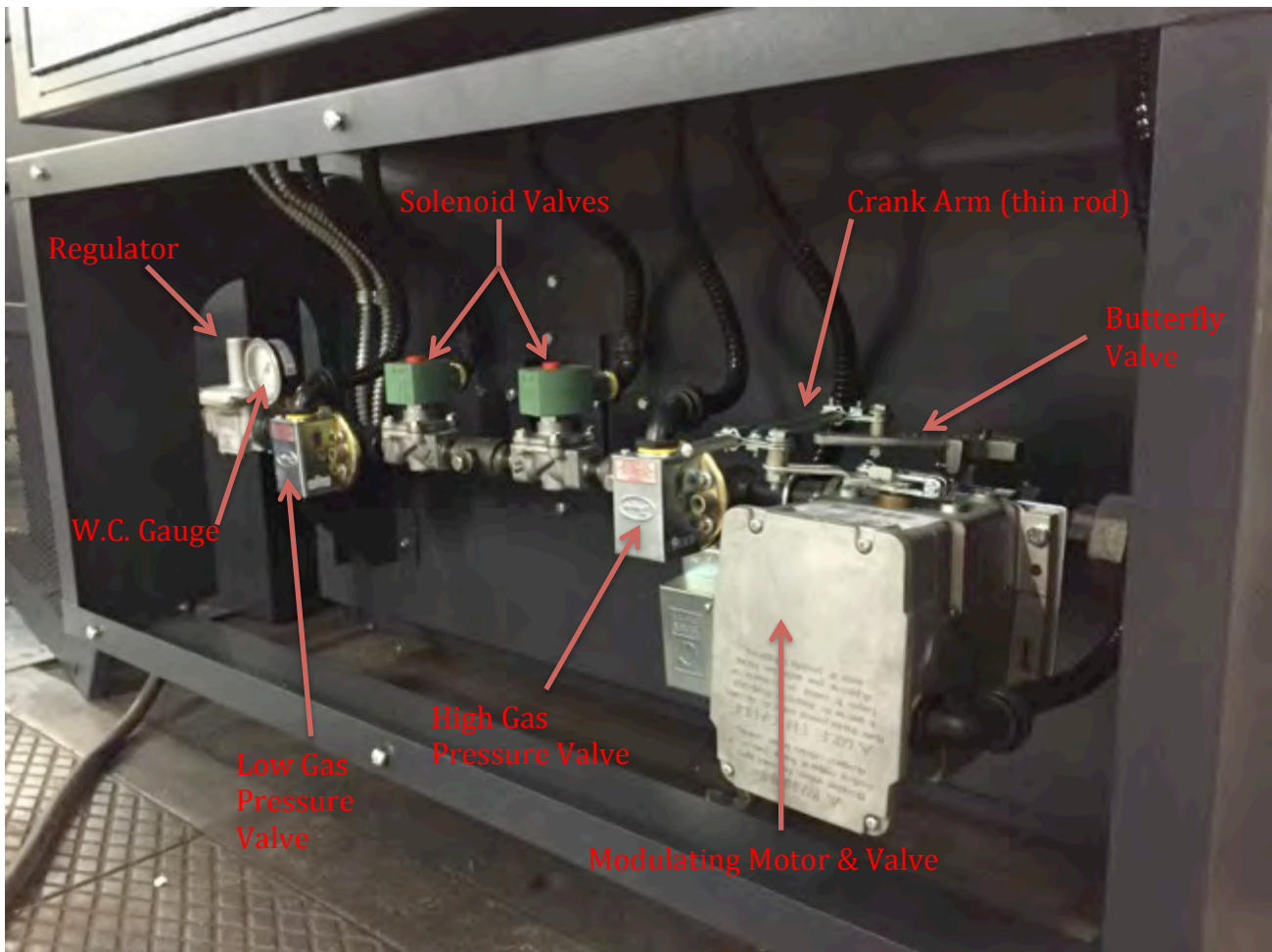


5. Inspect ground wire (green wire). If it is brittle and chipped, replace it and be sure it grounded to the basket.

Grease Fitting Points. See manual for proper maintenance schedule

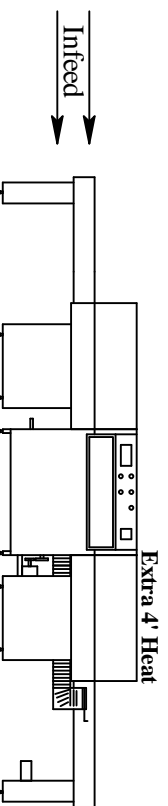
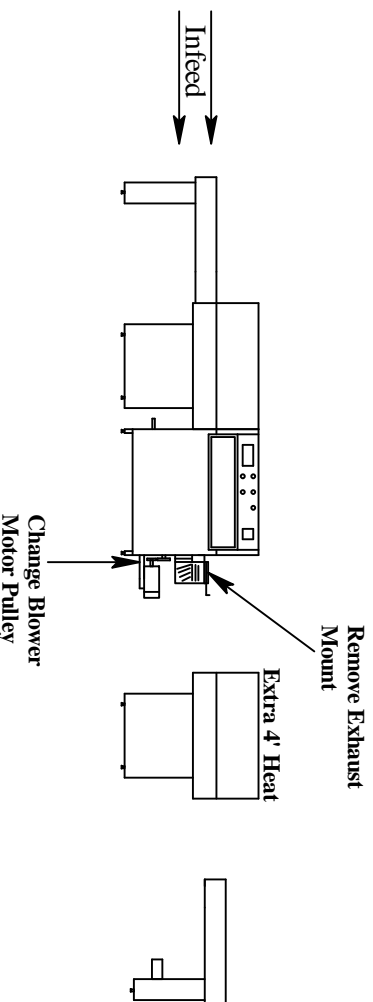
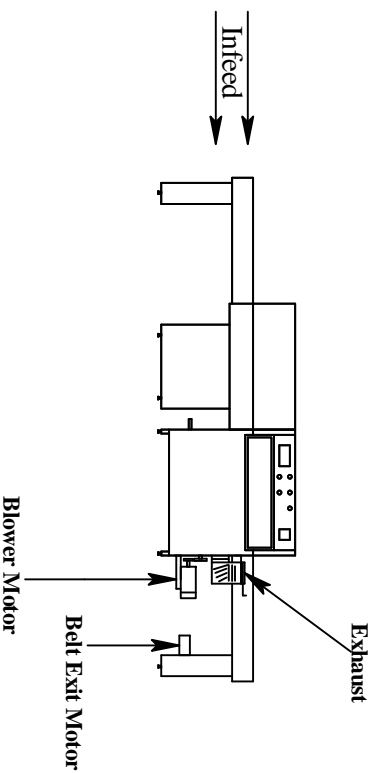


Gas Train Components Identification



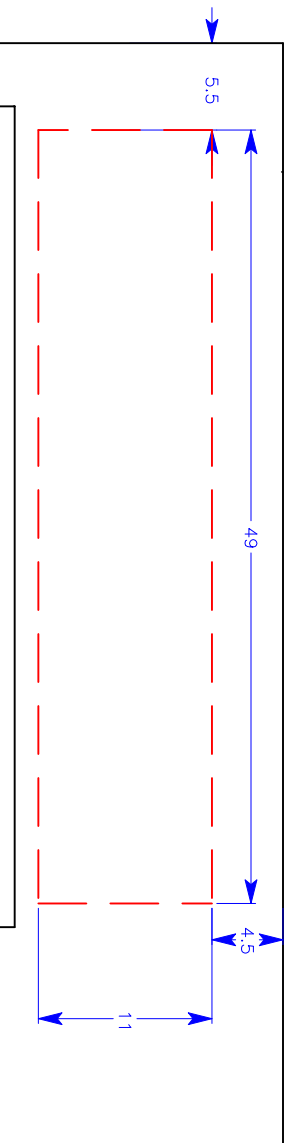
ADDING 4 ft Section in the field

ADDITIONAL 4' HEAT SECTION



ADDED HEAT SECTION INSTRUCTIONS

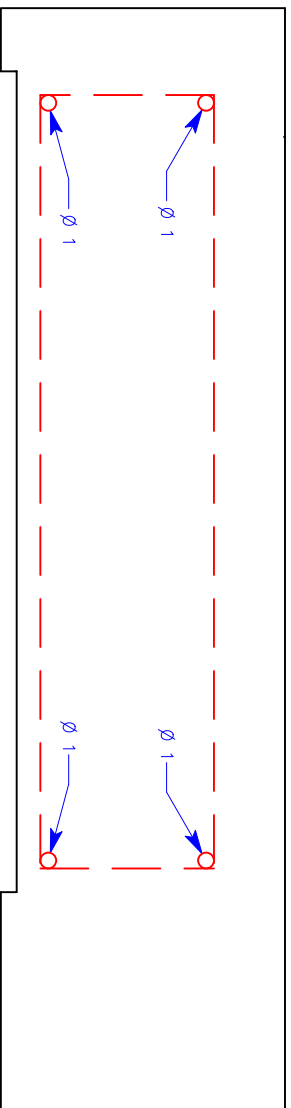
- A. UNPLUG BELT EXIT PLUG FROM MAIN PANEL
 - B. UNBOLT EXHAUST MOUNTING BRACKET FROM DRYER
 - C. UNBOLT EXIT EXTENSION AND PULL BACK FROM DRYER
 - D. INSTALL NEW BLOWER MOTOR PULLEY PROVIDED
 - E. CUT BURNER HOOD OPENING AS PER DETAILED INSTRUCTION SHEET
 - F. POSITION EXTRA 4' HEAT SECTION IN PROPER LOCATION, LEVEL AND FASTEN LATCHES
 - G. BOLT EXIT EXTENSION TO NEW HEAT SECTION
 - H. CAREFULLY PULL AND EXTEND EXHAUST DUCTING UNTIL IT CAN BE REMOUNTED IN NEW NOTED POSITION
 - I. INSTALL BELT EXIT PLUG SPLICE TO EXISTING PLUG AND PLUG INTO MAIN PANEL
 - J. REMOVE SOLID PAN FROM LINT FILTER DRAWER ON ADDITIONAL HEAT SECTION SIDE OF DRYER AND REPLACE WITH SCREENED FILTER
- NOTE:** ALL NECESSARY HARDWARE, PLUG WIRE AND EXHAUST DUCT MOUNTS HAVE BEEN PROVIDED IN ORDER TO NEATLY FINALIZE RETROFIT



MD8-48 DRYER HOOD CUTTING INSTRUCTIONS

STEP 1:

MARK HOOD FOLLOWING DIMENSIONS NOTED ON DRAWING

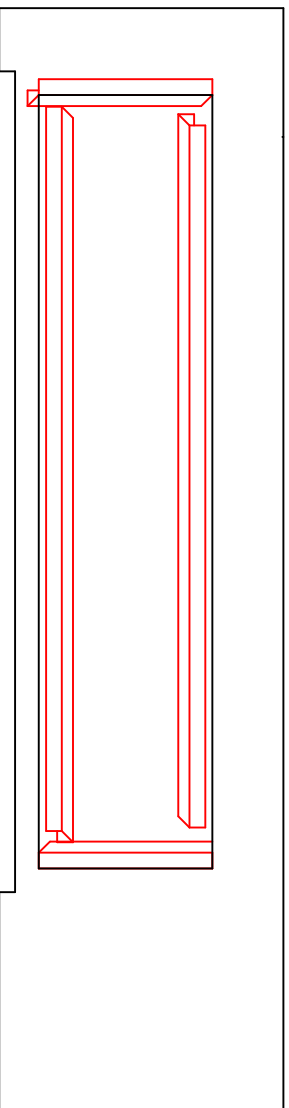


STEP 2:

DRILL 4 - 1" THRU HOLES ON THE INSIDE DIMENSION IN EACH CORNER OF MARKED LAYOUT

USE THESE HOLES TO BEGIN WITH SAW BLADE AND FINISH EACH CUT. THE STRAIGHTER THE BETTER.

CUT OPENING OUT COMPLETE.

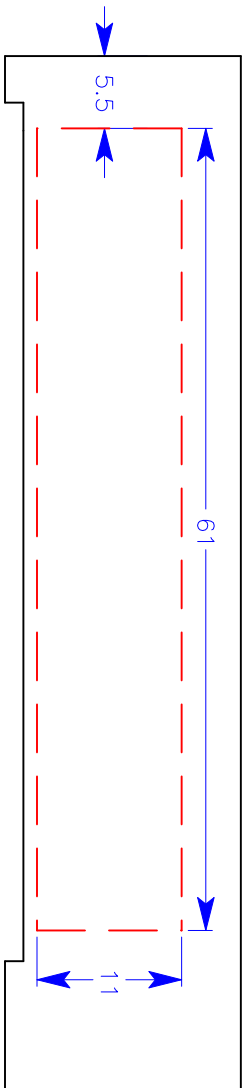


STEP 3:

INSTALL PROVIDED CHANNELS AS SHOWN.

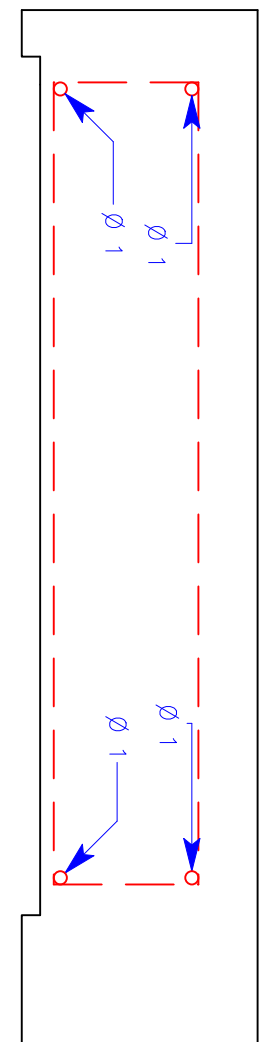
USE ROUND HEAD SELF DRILLING SCREWS PROVIDED TO FASTEN.

USE SILICONE PROVIDED TO SEAL CORNERS AND ANY OTHER NECESSARY IMPERFECTIONS.



MD8-60 DRYER HOOD CUTTING INSTRUCTIONS

STEP 1:
MARK HOOD FOLLOWING DIMENSIONS NOTED ON DRAWING

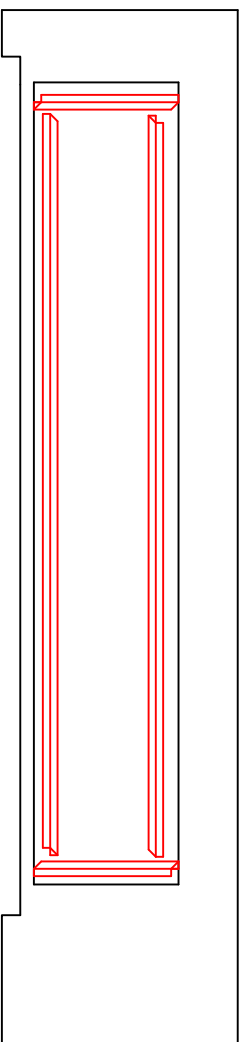


STEP 2:

DRILL 4-1" THRU HOLES ON THE INSIDE DIMENSION IN EACH CORNER OF MARKED LAYOUT

USE THESE HOLES TO BEGIN WITH SAW BLADE AND FINISH EACH CUT. THE STRAIGHTER THE BETTER.

CUT OPENING OUT COMPLETE.



STEP 3:










INSTALL PROVIDED CHANNELS AS SHOWN.

USE ROUND HEAD SELF DRILLING SCREWS PROVIDED TO FASTEN.










USE SILICONE PROVIDED TO SEAL CORNERS AND ANY OTHER NECESSARY IMPERFECTIONS.

**DRYER SPARE PARTS
PHOTO CATALOG
2013**





BELT MOTOR DC DRIVE BOARD	ES00033DBD		
ISOLATION BOARD	ES00035ISO		
PRESSURE SWITCH PNEUMATIC	ES00065PSW		
LOW PRESS SW. GAS	EI01875PSW		
HIGH PRESS. SW. GAS	EP00138PSW		
AIR FLOW SW.	EP00139PSW		
HEAT OFF/ON SW. CENT. SPRG.RETURN	ES00000SSW		
SWITCH CONTACT NO	ES00001SSC		









CONTACT NO	ES00001SSC		
2 POSTION SW ON/OFF	ES00004SSW		
MN BLW MNS 20-25A	ES01828MNS		
EXH BLW MNS 4-6.3A	ES01827MNS		
FPM METER	ES00207FPM		
MN BLW MNS 20-25A	ES00022MST		
DRYER BELT DRIVE GBX-40:1	CI01830GBX		
RECEIVER BELT DRIVE GBX-25:1	CI01830GBX		
UV BELT DRIVE GBX- 15:1	CI01830GBX		


FLAME SIG. METER	EI01554MTR		
TRACKING TIMER	EI01915TMR		
IGNITION XFMR	EP00129 XFM		
MODULATING MOTOR	EP00794MOT		
ASCO SOLENOID VALVE	CI01549VLV		
REGULATOR	CI01550REG		
W.C. GAUGE	CI01551GAU		
FLAME ROD	CP00136ROD		
IGNITER	CP00137IGN		








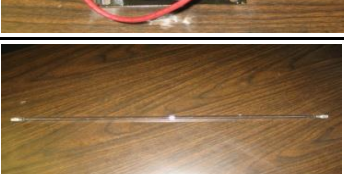

AUTOTRACKING VALVE	PS00063VLV		
TEMP. CONTROL GAS 16-KF-F-T-00-00	EI01540CTL		
TEMP. CONTROL ELEC / IR 16-KF-T- T00-00	EI01550CTL		
HI TEMP. SWITCH ATHENA	EI01541TSW		
HI TEMP. SWITCH ZYTRON	EI01541TSW		
HIGH TEMP BLOWER SHAFT BEARINGS	CS01410BRG		
TURBOJET GAS PLC PROGRAM	EI00178PLC		
TURBOJET ELECTRIC PLC PROGRAM	EI00179PLC		
AIRJET GAS PLC PROGRAM	EI00180PLC		



AIRJET ELECTRIC PLC PROGRAM	EI00181PLC		
MD8 GAS / ELECTRIC PLC PROGRAM	EI00182PLC		
PLC INTERFACE	EI01783PLC		
PLC COMMUNICATION CABLE	EI01784CBL		
AJ 7.5 HP BLOWER MOTOR	CI01812MOT		
MD8 5 HP BLOWER MOTOR	CI01811MOT		
EXHAUST BLOWER 16"	CI016XBLW		
EXHAUST BLOWER 12"	CI012XBLW		
BELTDRIVE MOTOR 1 / 2 HP DC	CS01796MOT		




E- STOP MUSHROOM SW.	ES00021ESW		
PANEL COOL FAN	ES01804FAN		
PANEL COOL FAN GUARD	ES01804GRD		
TURBOJET COOL BRIDGE FAN	ES01806FAN		
TURBOJET COOL BRIDGE FAN GUARD	ES01806GRD		
HP TURBO JET RECEIVER BELT OFF TIMER	EP00150TMR		
DRYER BELTS W" X L"	CONTACT IC FOR PRICE QUOTE		
RECIRCULATION MOTOR BELT	CS01806BLT		
EXHAUST BLOWER BELT	CS01706BLT		

ALARM - BUZZER	EI01548ALR		
DUCT HEATER 6000W 250 VOLT	CS01720HTR		
DUCT HEATER 6000W 460 VOLT	CS01721HTR		
SAFETY BELT / AUTO TRACKING LSW	ES00104LSW		
IR / FLASH MERCURY CONTACT	MERCRLY35A		
ELECTRIC DRYER MERCURY CONTACT	MERCRLY60A		
IR HEATING HEATING ELEMENT	E01720HTR		
DUEL LEAD THERMO COUPLE	EI01542TCJ		

FIREYE BURNER CONTROL COMPLETE	EI2111FEC		
ICE CUBE RELAY 120 VAC	EP00642RLY		
ICE CUBE RELAY 24 VDC	EP00643RLY		
ICE CUBE RELAY 12 VDC	EP00644RLY		
TURBOJET RECEIVER PHOTOEYE	CI01827PRX		
DRYER CONTROL PANEL L.E.D.'S SPECIFY COLOR	EI0009LED		
TURBOJET BLOWBAR TIMER	EI01916TMR		
UPPER SIDE TRACKING BELT ROLLER	BS00001TOP		
LOWER SIDE TRACKING BELT ROLLER	BS00002BTM		

TURBOJET RECEIVER INVERTER 230 VOLT	ES01784INV		
TURBOJET RECEIVER INVERTER 480 VOLT	ES01783INV		
DRYER FUSES	SPECIFY TYPE AND SIZE		
DRYER FUSE HOLDER	EP00010FSH		
AIRJET CONTROL VOLTAGE TRANSFORMER	EP00131XFM		
MD8 CONTROL VOLTAGE TRANSFORMER	EP00132XFM		
TURBOJET CONTROL VOLTAGE TRANSFORMER	EP00130XFM		
INTERCHANGE FLASH QUARTZ LAMP STANDARD	ER00700QTZ		
INTERCHANGE FLASH QUARTZ LAMP JUMBO	ER00800QTZ		

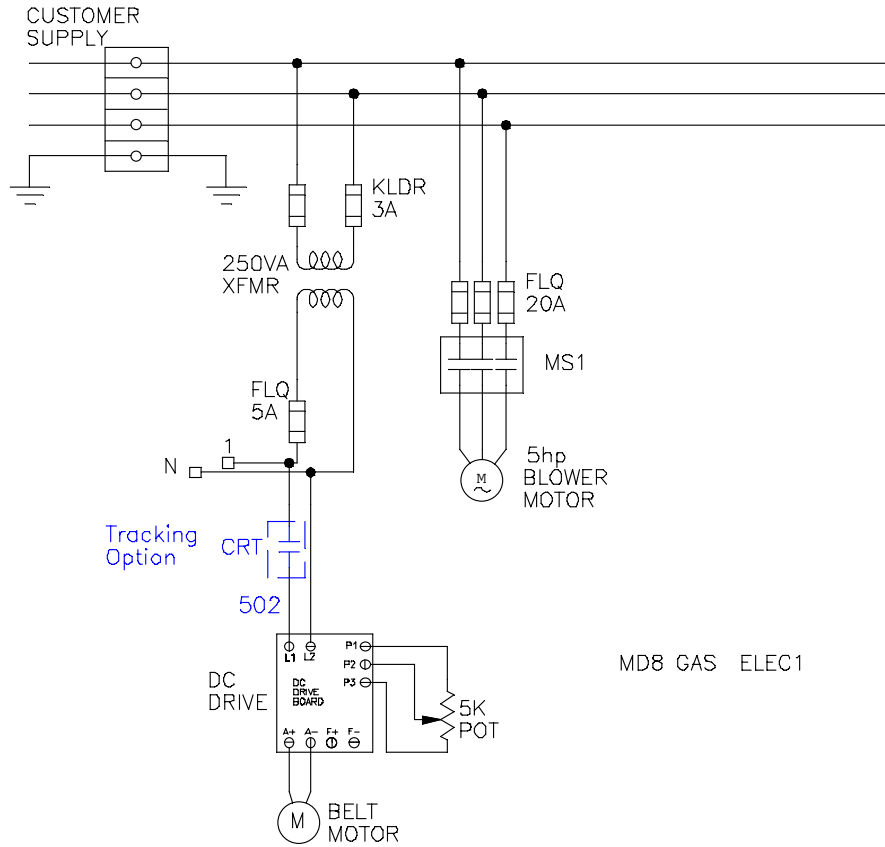
INTERCHANGE FLASH SPRING RESEPTACLE	EP00040SPG		
INTERCHANGE FLASH PROXIMITY SWITCH	EP00121PRX		
DRYER DRUM SPROCKET	CS01930SPK		
DRYER GEARBOX SPROCKET	CS01931SPK		
TURBOJET RECEIVER DRUM SPROCKET	CS01933SPK		
TURBOJET RECEIVER GEARBOX SPROCKET	CS01932SPK		
STAINLESS STEEL HIGH TEMPERATURE GROUND EYE FITTING	CP00145FIT		
FLAMEROD / IGNITER CONNECTOR	CP00138FIT		
HIGH TEMPERATURE FLAMEROD WIRE	CP00447WIR		

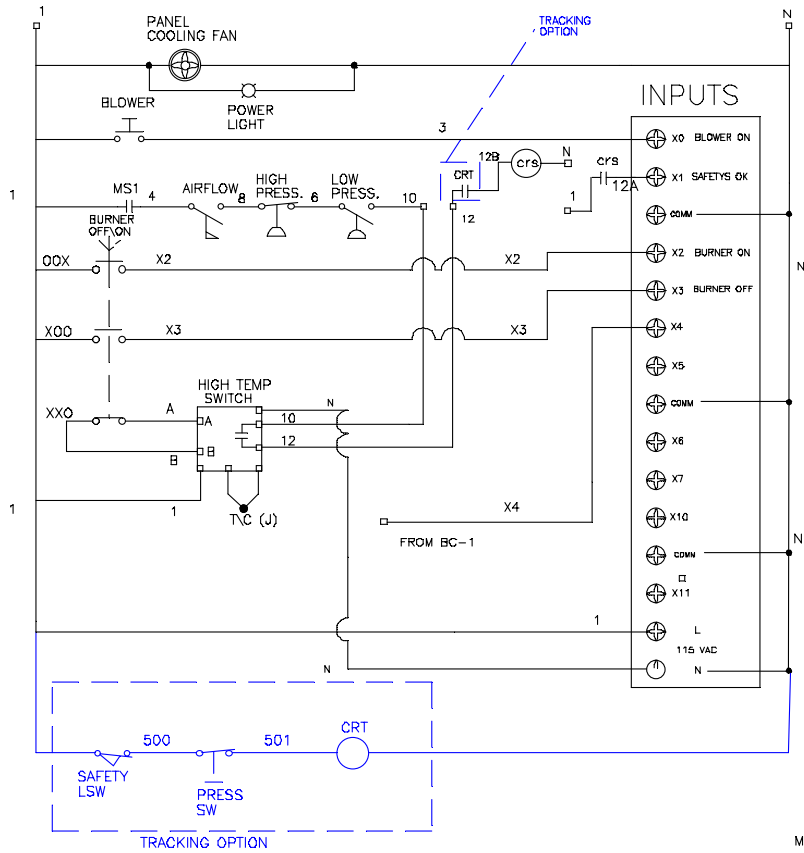
HIGH TEMPERATURE GROUND WIRE	CP00448WIR	
IGNITION WIRE	CP00446WIR	
PANEL FUSES	USE ACTUAL FUSE PART #	

MD8 Series Dryer

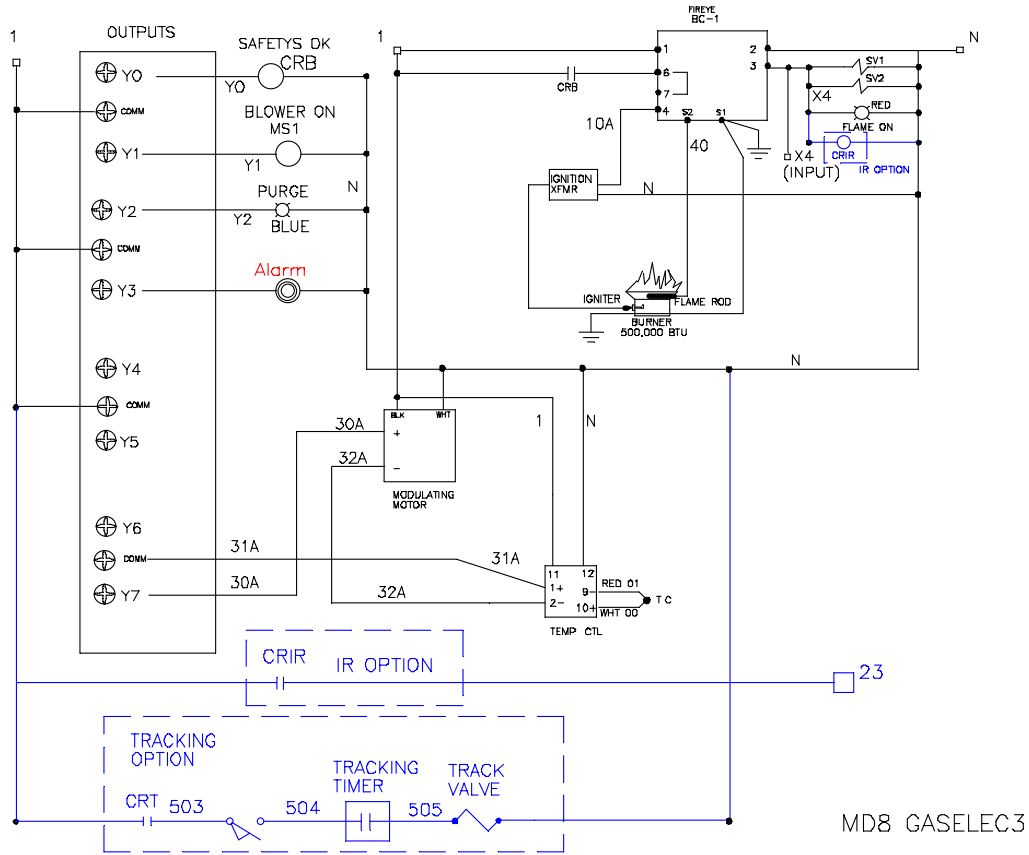
by Interchange

Electrical Schematic for Gas Fired Dryer



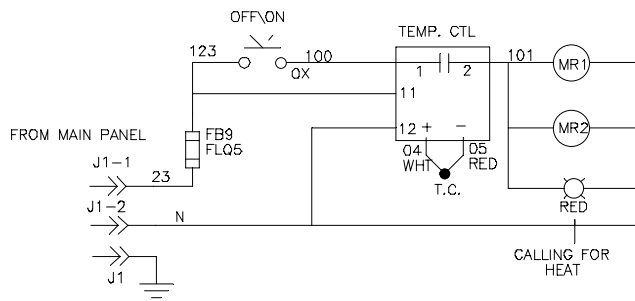
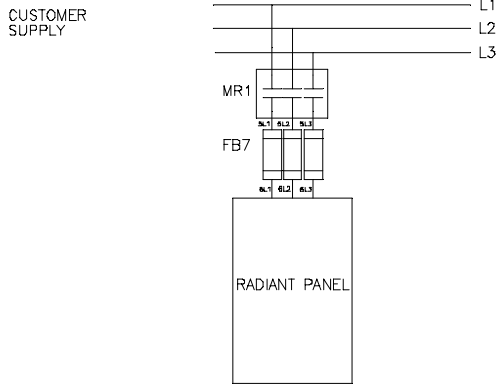


MDB GAS ELEC2



MD8 GASELEC3

MD8 IR PANEL

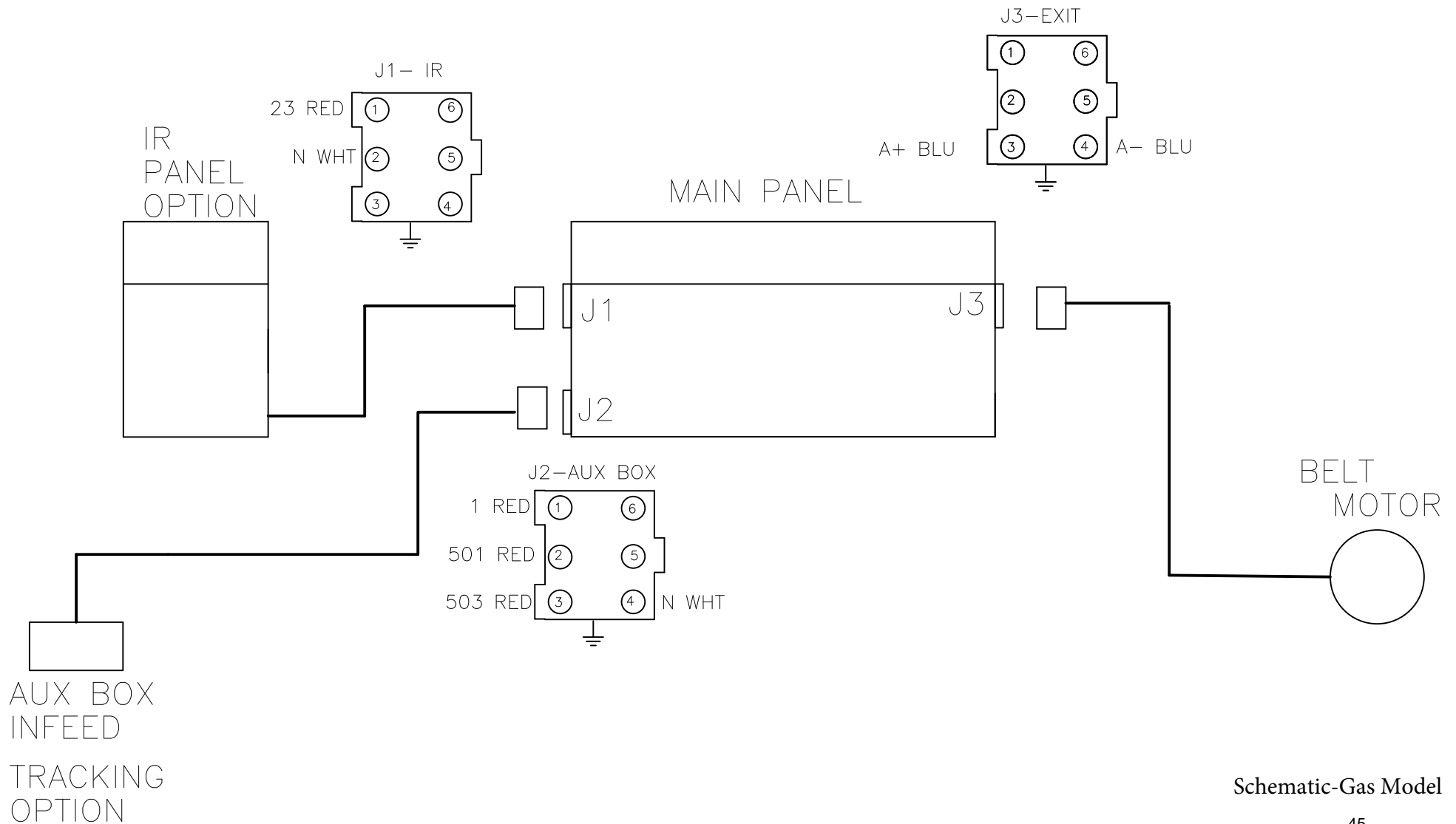


IRELC1 PG. 1 4\15\98

Only use with dryers that have Infra Red Pre-heat section

MD-8 SINGLE BURNER

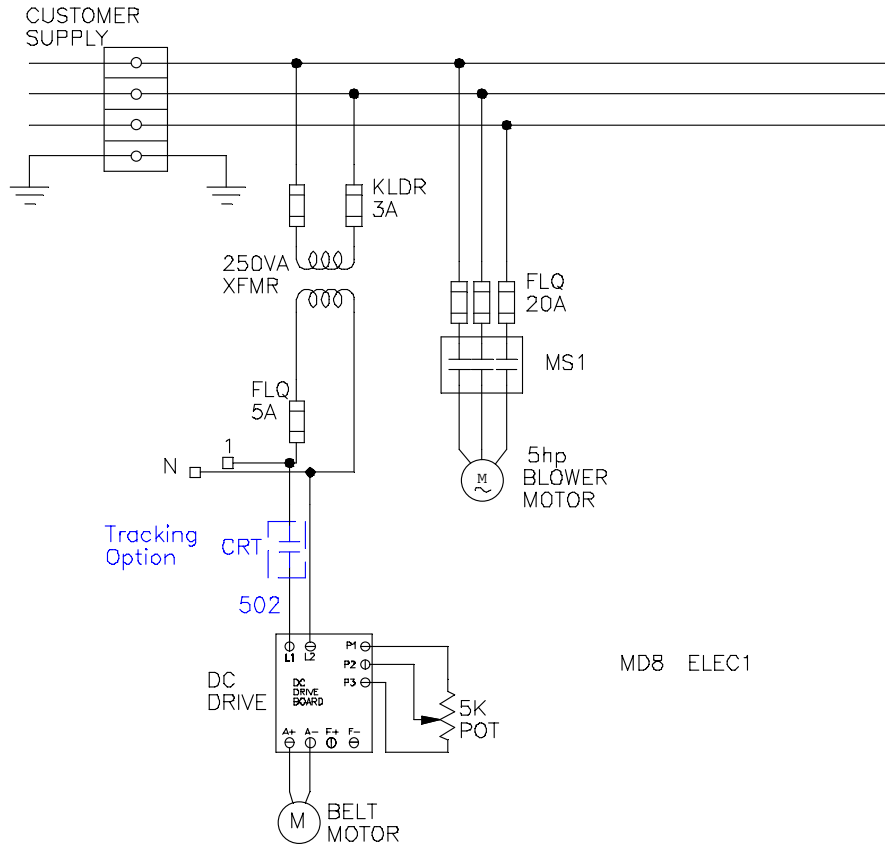
J PLUG LAYOUT



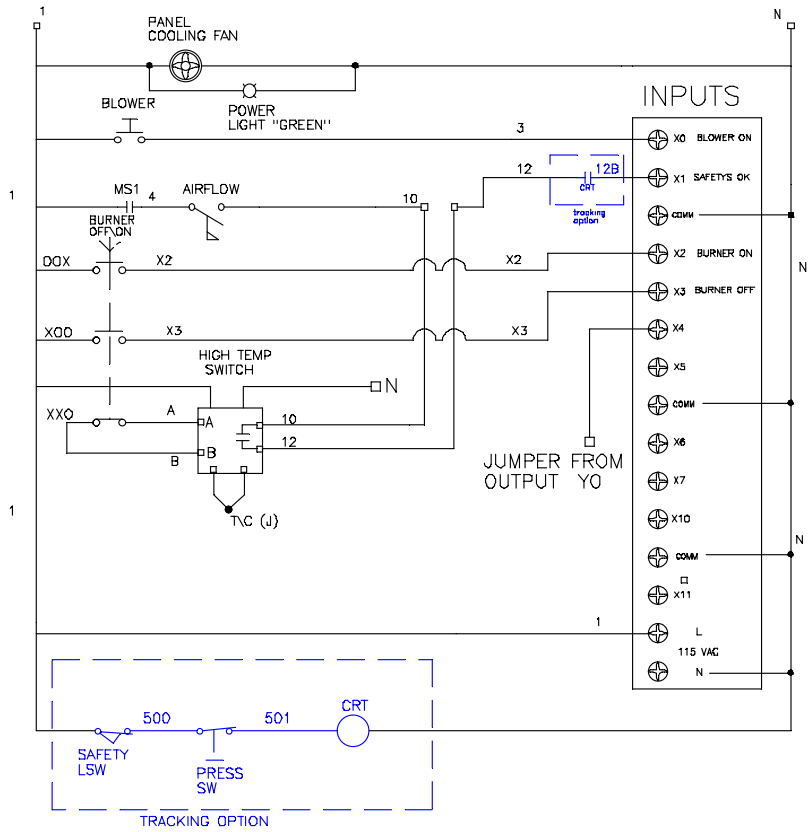
MD8 Series Dryer

by Interchange

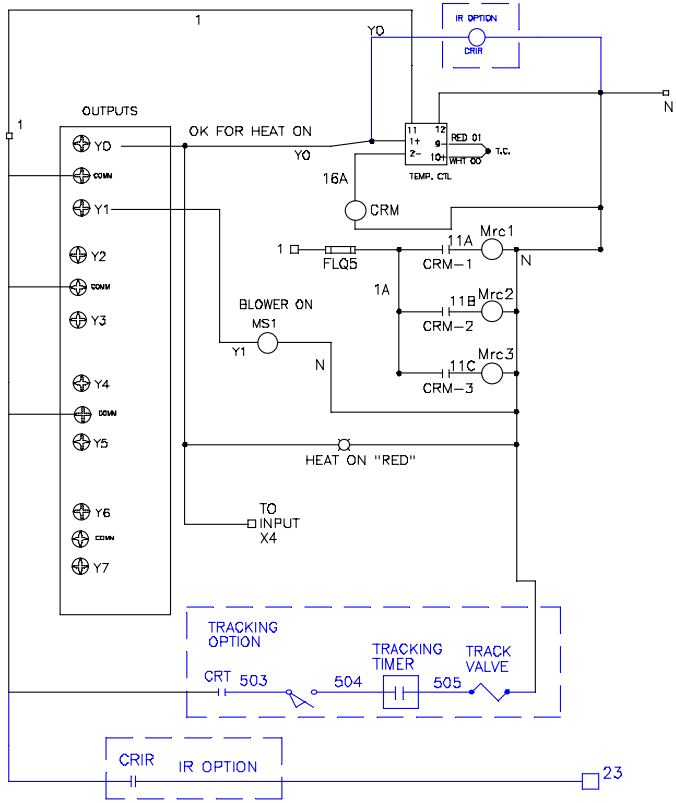
Electrical Schematic for Electric Powered Dryer



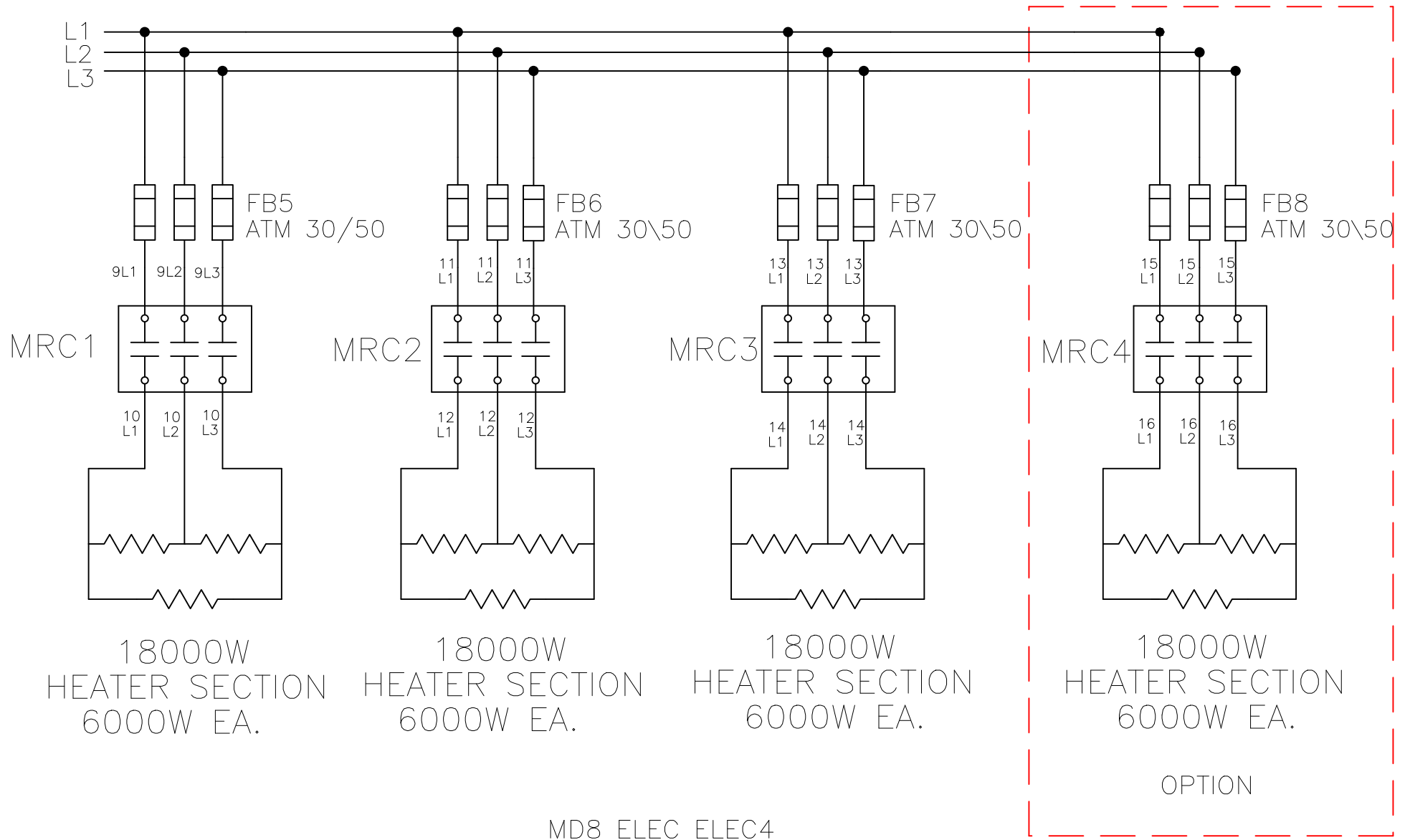
MD8 ELEC1



MD8 ELEC ELEC2

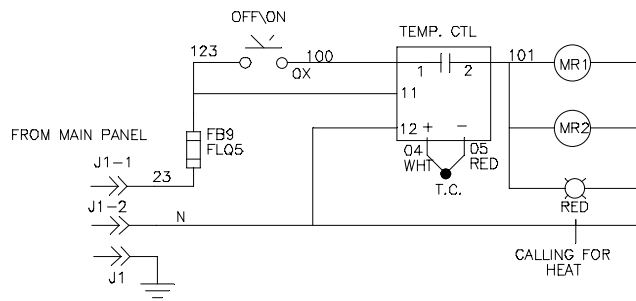
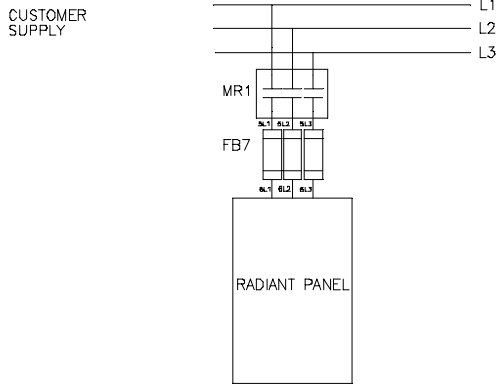


MD8 ELEC
ELEC3



Schematic-Electric Model

MD8 IR PANEL



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Only use with dryers that have Infra Red Pre-heat Section

MD-8 SINGLE BURNER

J PLUG LAYOUT

