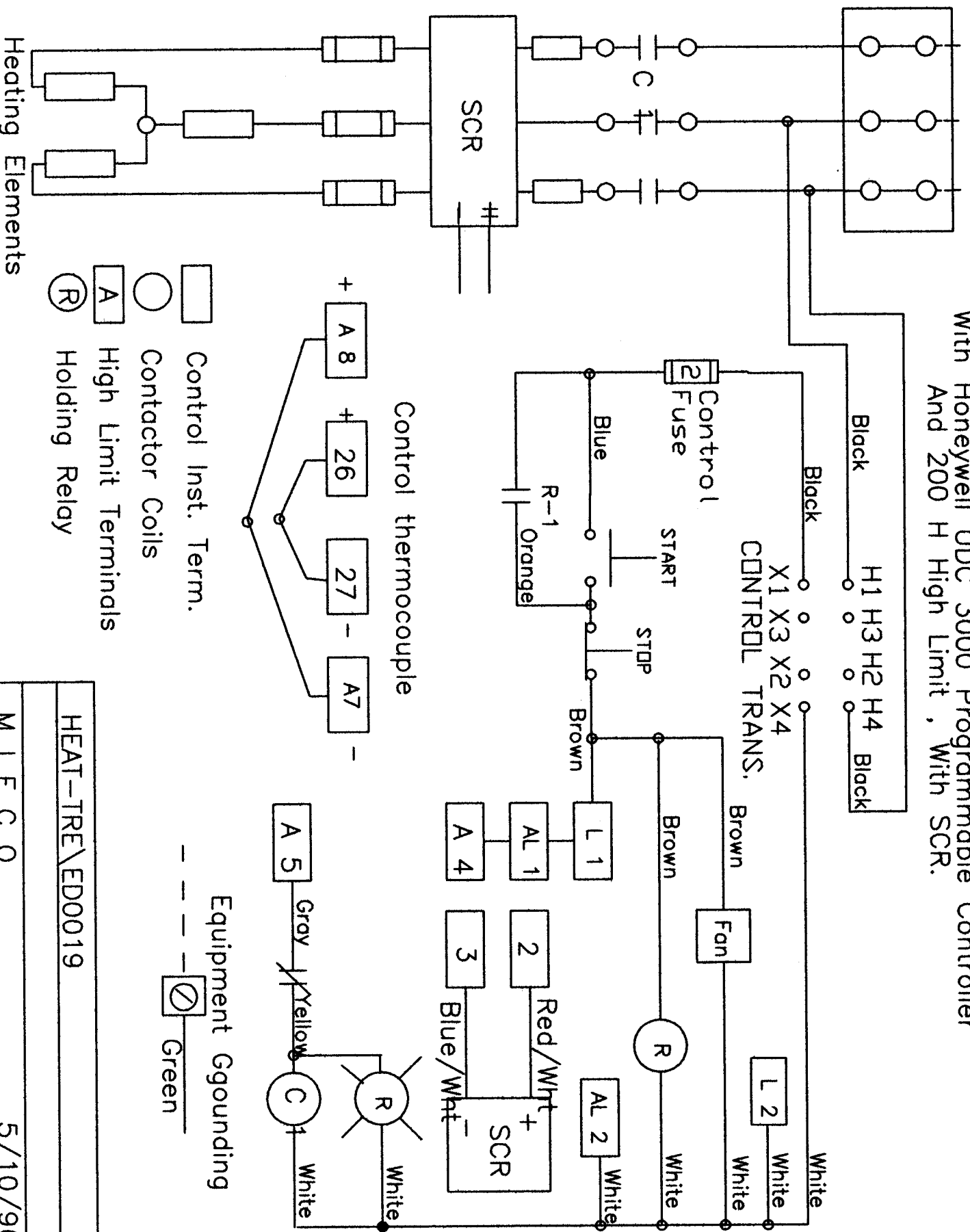


230/460 V--- 3 Ph.---60 Hz.

HTE 812 1 / HTE 1214 1
With Honeywell UDC 3000 Programmable Controller
And 200 H High Limit , With SCR.



HEAT-TRE\ED00019

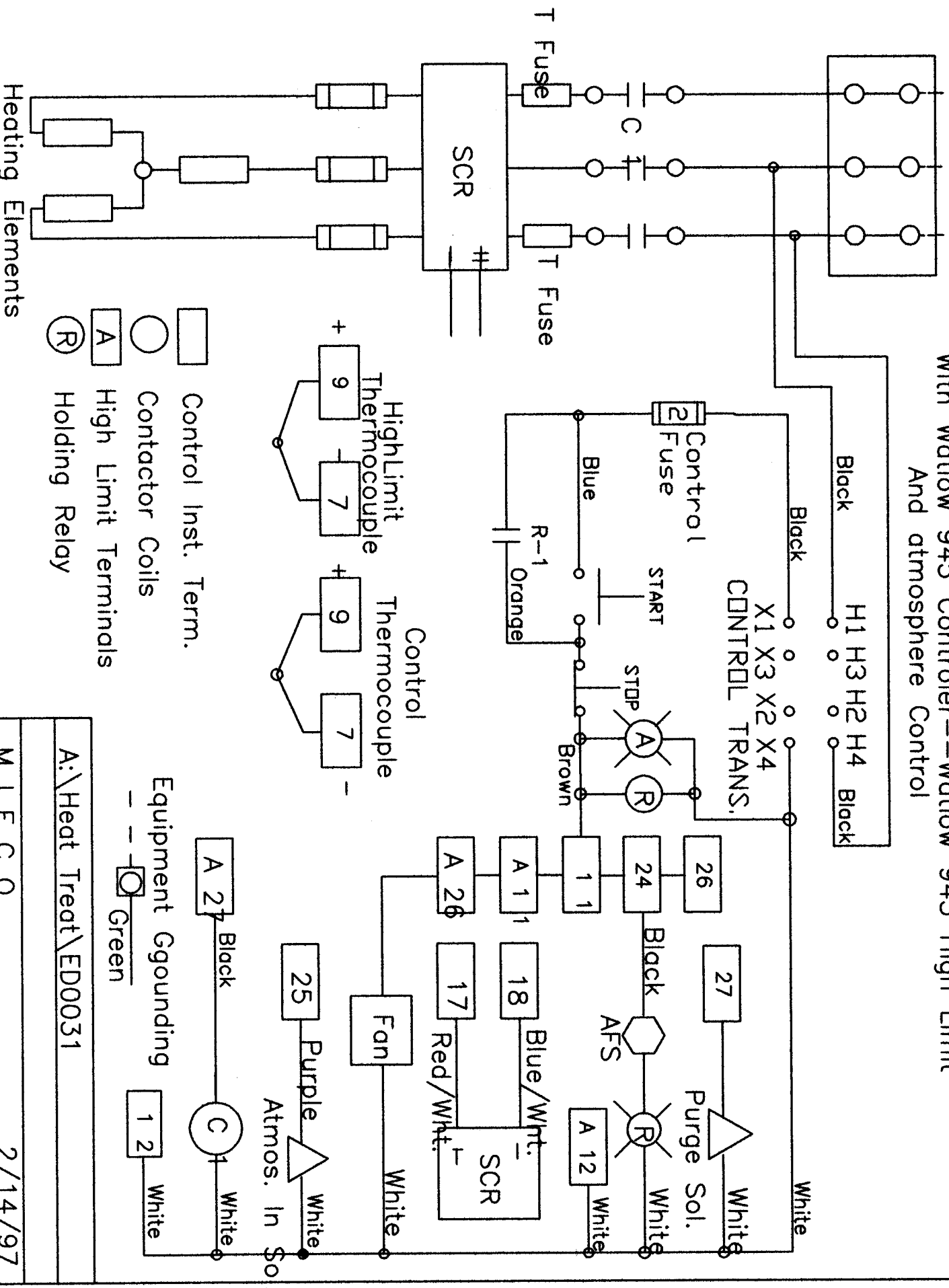
M I F C O

5/10/96

230/460 V--- 3 Ph.---60 Hz.

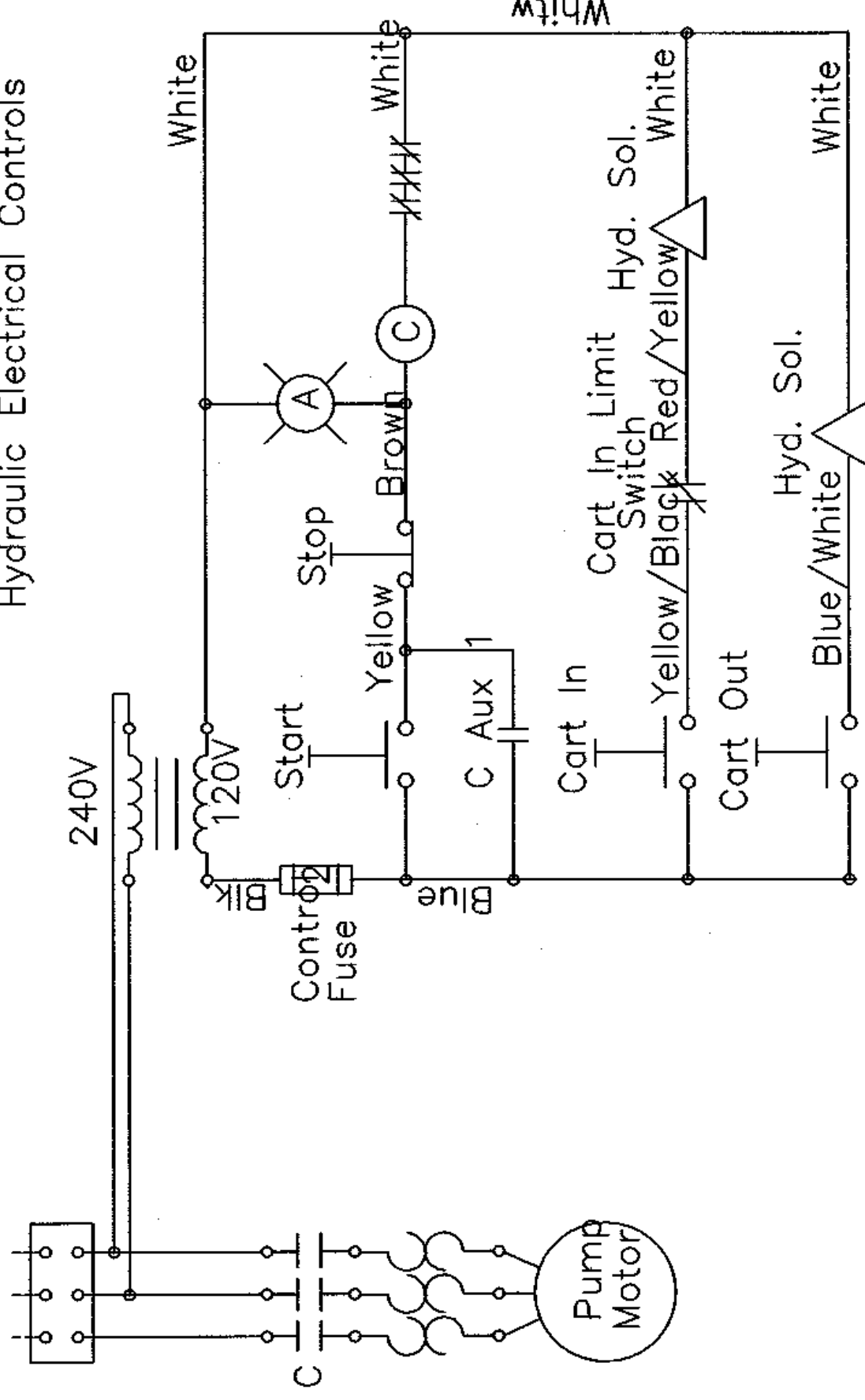
HTE 812 I / HTE 1214 I

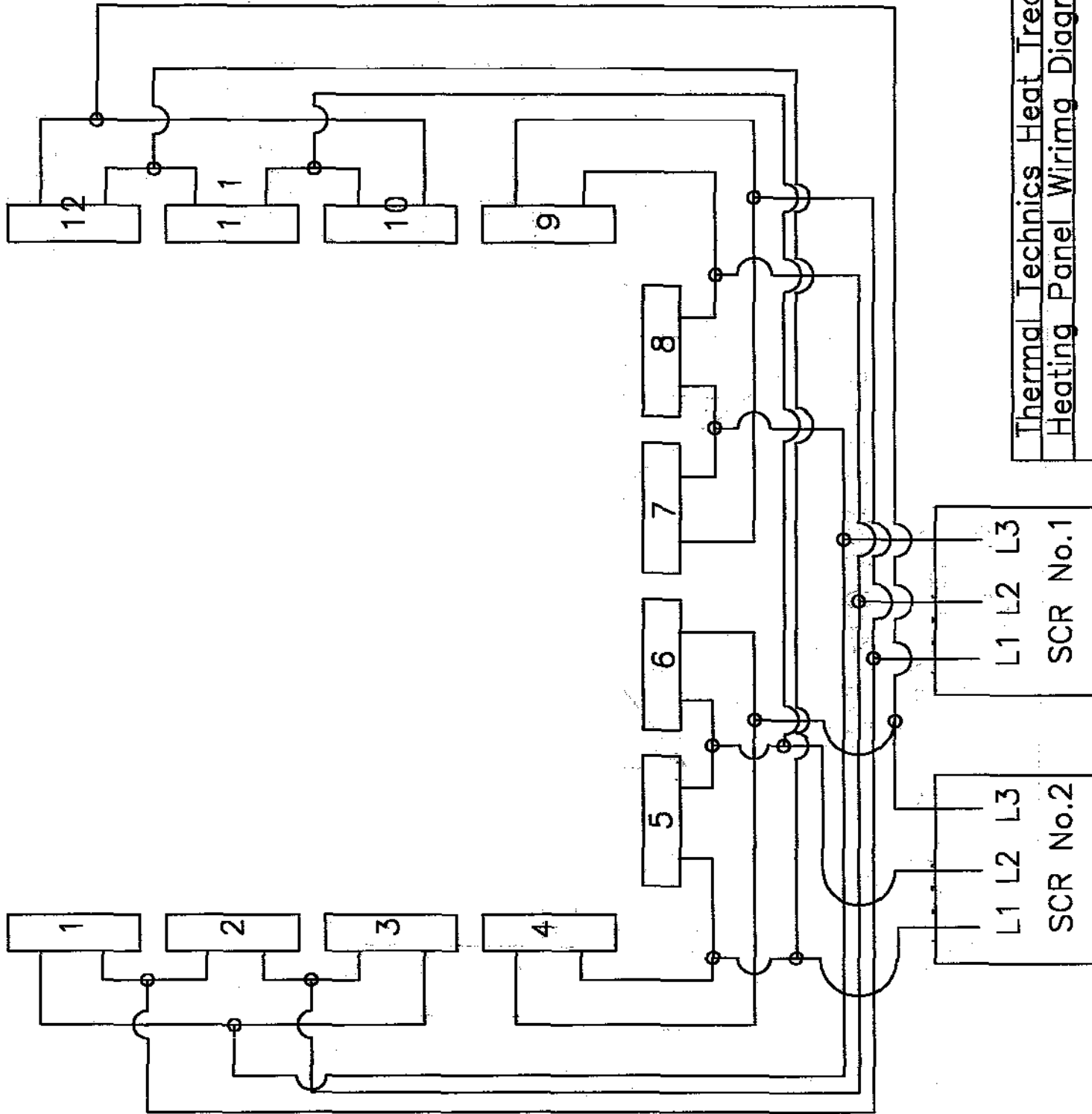
With Watlow 945 Controller—Watlow 945 High Limit
And atmosphere Control



230 V., 3 Ph., 60 Hz.

HTE 5540-55-1-CB Hydraulic Electrical Controls



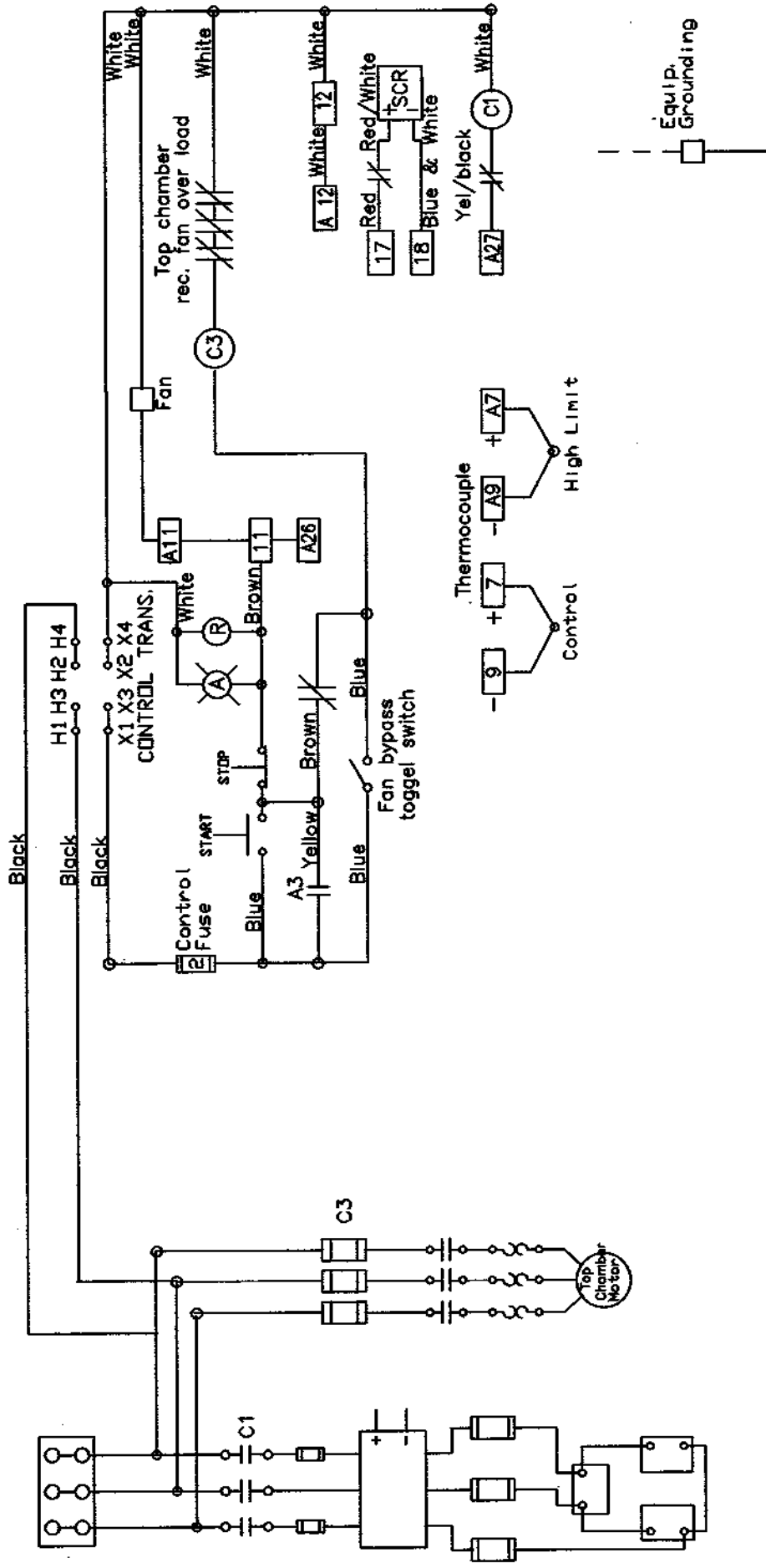


A:\ED0036
 Thermal Technics Heat Treat Furnace
 Heating Panel Wiring Diagram

M I F C O 2/28/97

HTE 2424-30-I High Temperature Furnace Watlow 942 Controller and 945 High Limit Watlow Din-A-Mite SCR

Power Supply
230V / 460V
3 Ph / 60 Hz



- Control Inst. Terminals
- High Limit Cont. Term.
- Contactor Coils
- ⌵ Door inter lock
- Inst. Cabinet Cooling Fan

ED0051

HTE 2424-30-I High Temperature Furnace
Wiring Diagram 230/460V, 3 Ph., 60 Hz.

M I F C O

4/2/98

DU 614

With Honeywell UDC 2003



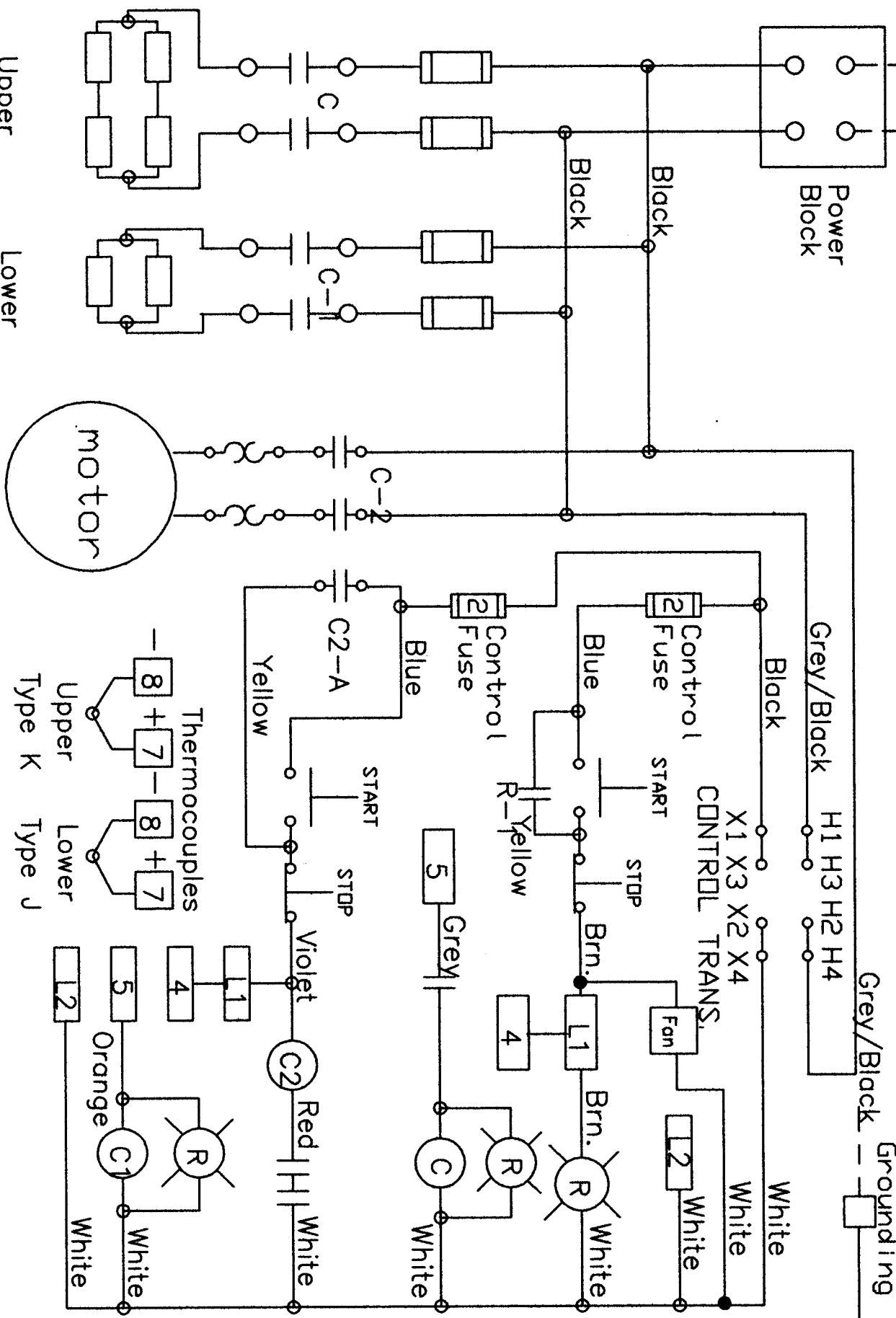
HEAT-TRE\ED0007

Field Power Supply
120V-1Ph.-60Hz.

DU 614

With Honeywell UDC 230B

Equip.
Grounding



Upper Chamber Heating Elements
Lower Chamber Heating Elements

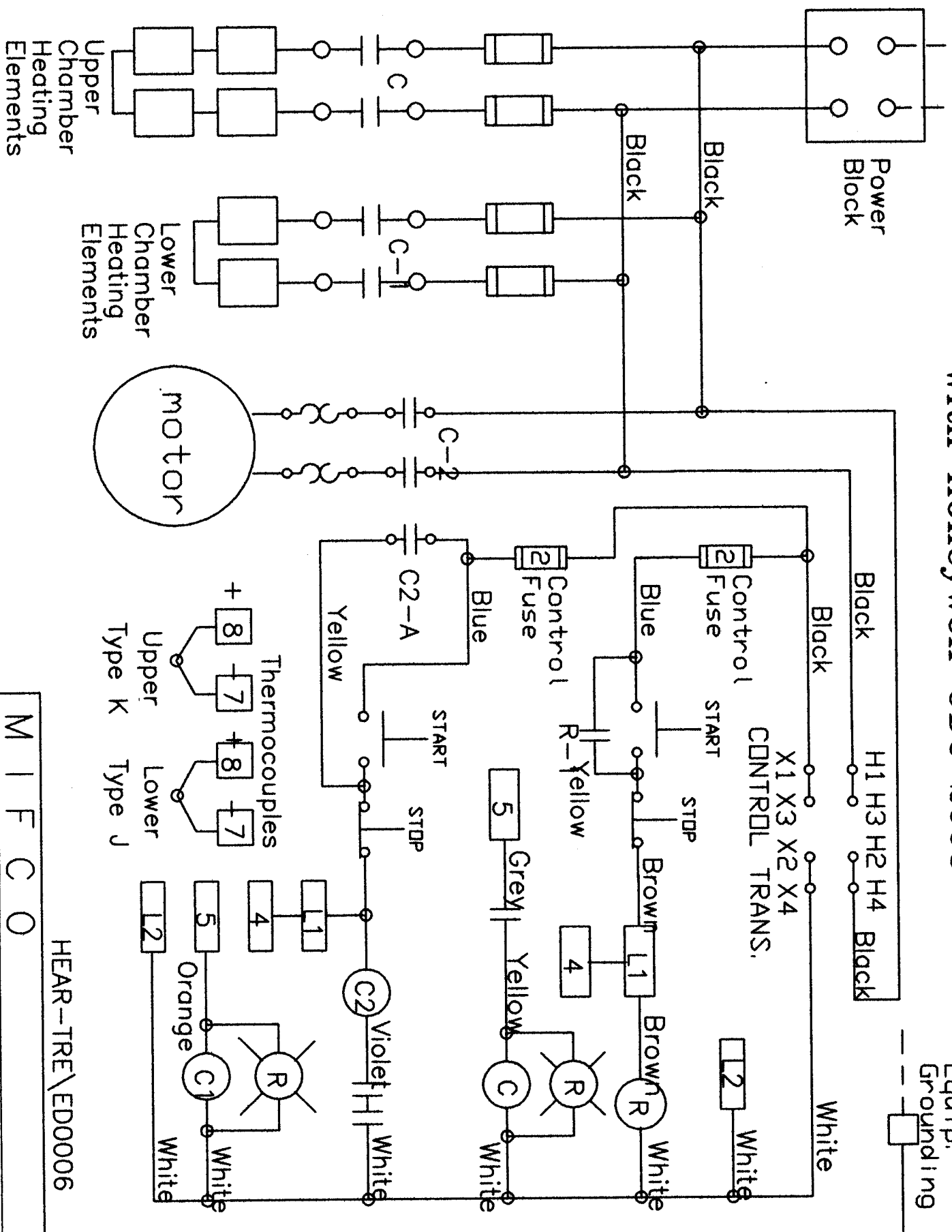
M I F C O 8/23/2000

HEAT-TRE\ED0077

Field Power Supply
208/240V-1 Ph.-60 Hz.

DU 614

With Honeywell UDC 2003



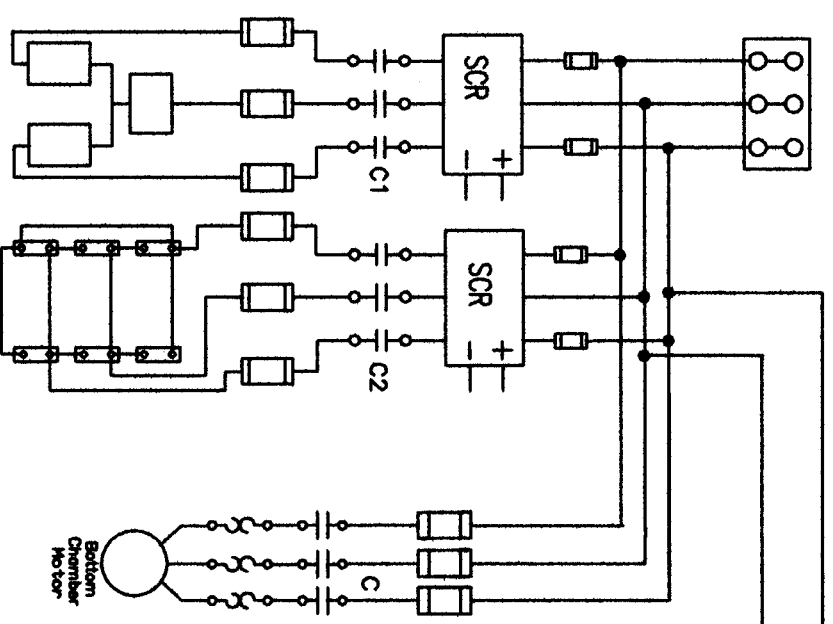
Equip.
Grounding

HEAR-TRE\ED0006

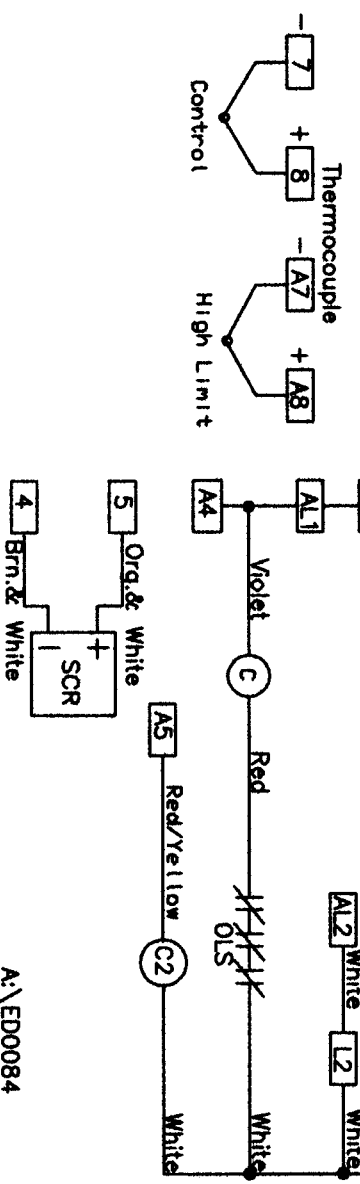
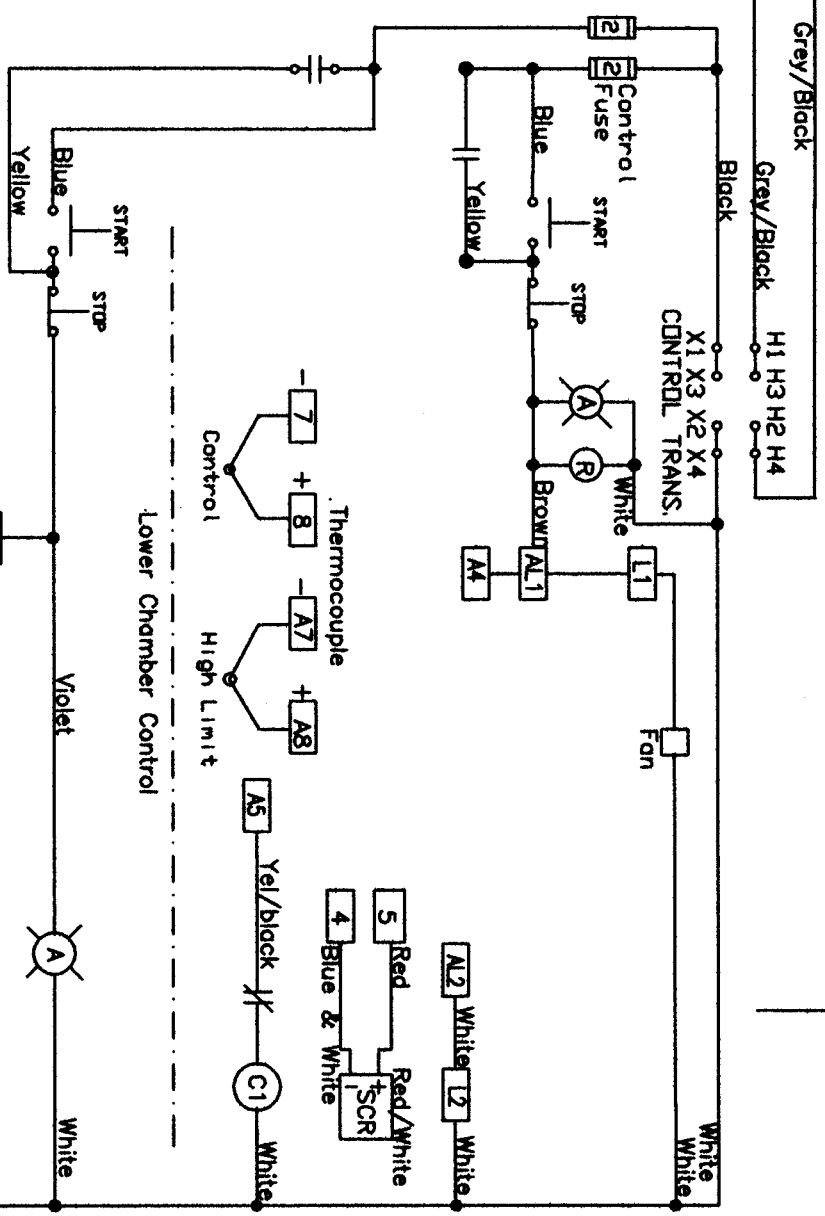
M I F C O

Power Supply
230V
3 Ph / 60 Hz

DU 1020-30-1 Dual Chamber Industrial Furnace
Honeywell DC230B Controller and DC230L High Limit
Wattow Din-A-Mite SCR on Both Chambers



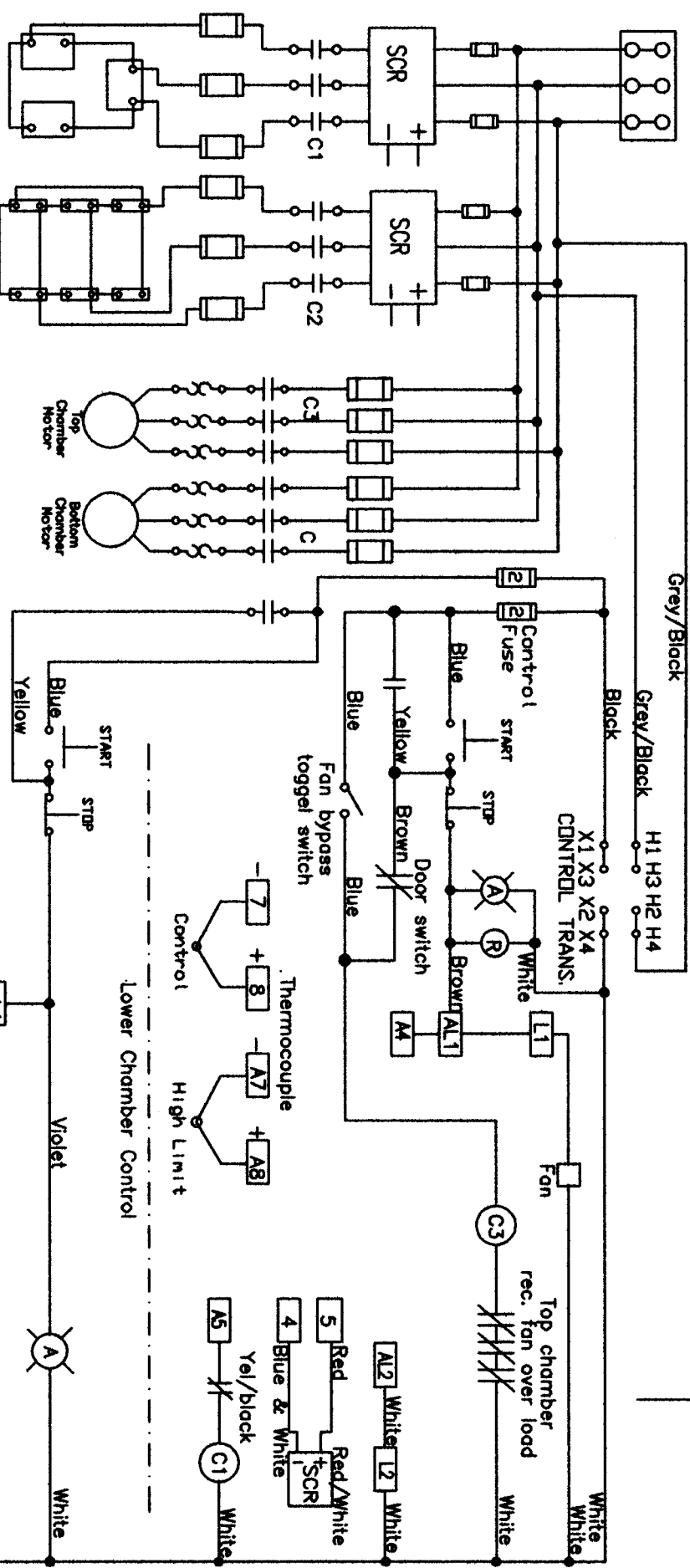
- ☐ Control Inst. Terminals
- ☐ High Limit Cont. Term.
- ☐ Contactor Coils
- ☒ Door inter lock
- ☐ Inst. Cabinet Cooling Fan



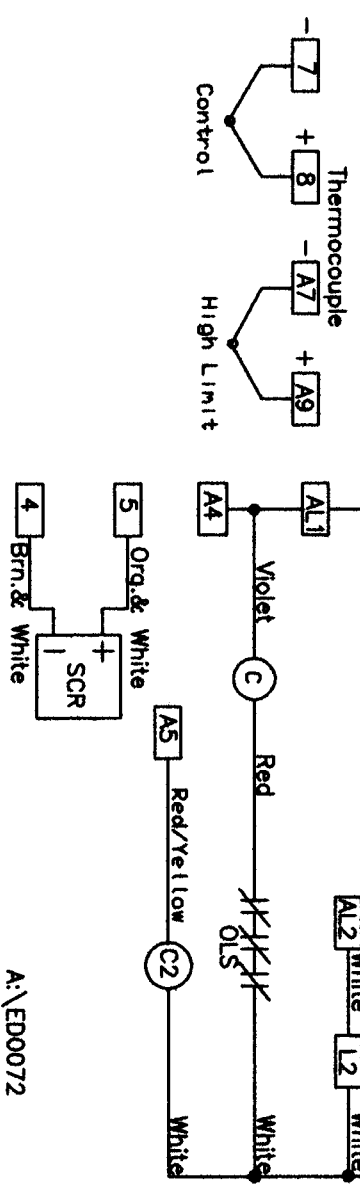
Power Supply
230V
3 Ph / 60 Hz

DU 2020-30-1 Dual Chamber Industrial Furnace
Honeywell DC230B Controller and DC230L High Limit
Watlow Din-A-Mite SCR on Both Chambers

Equip. Grounding

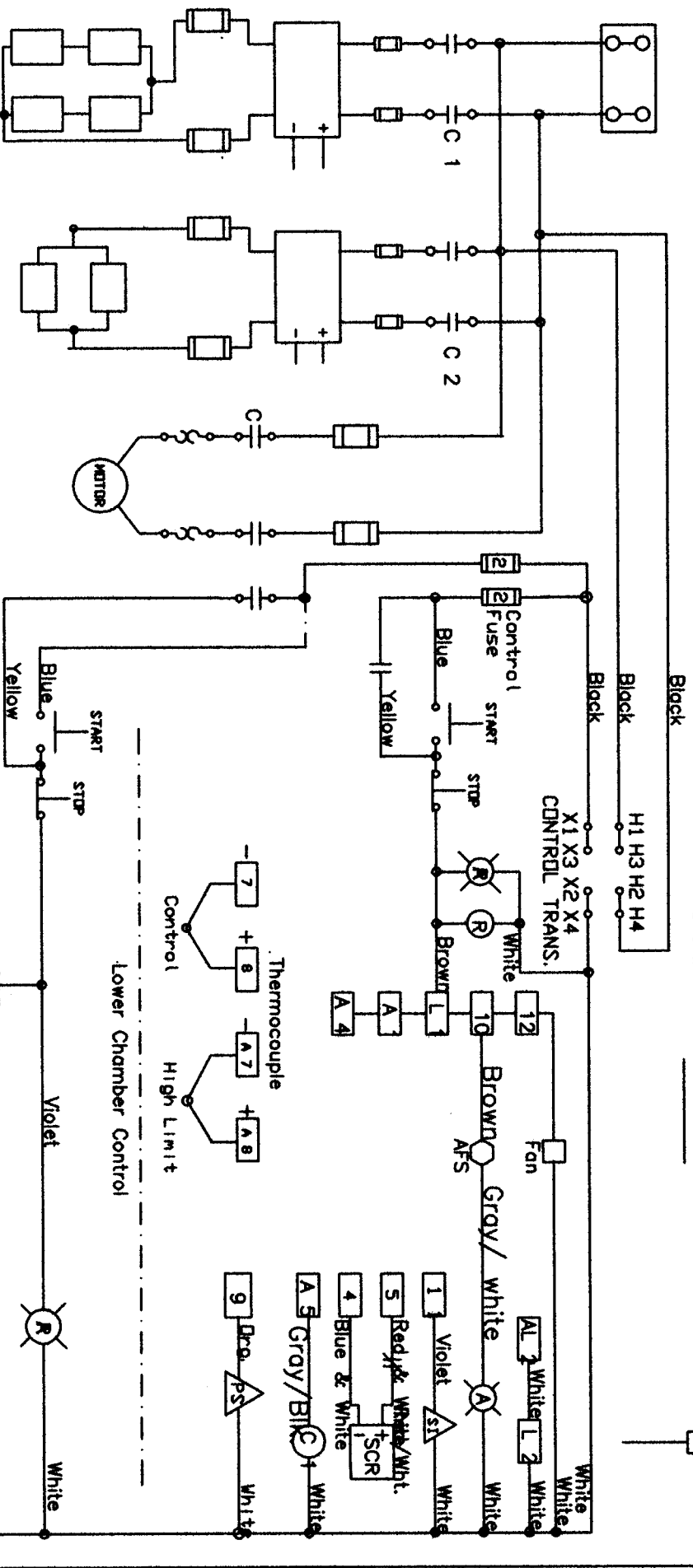


- ☐ Control Inst. Terminals
- ☐ High Limit Cont. Term.
- ☐ Contactor Coils
- ☒ Door inter lock
- ☐ Inst. Cabinet Cooling Fan



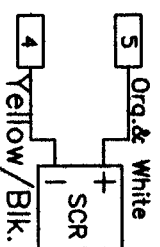
Power Supply 230V / 460V 1 Ph. / 60 Hz.

DUAL CHAMBER INDUSTRIAL UNIT UDC 2000 PROGRAMMABLE CONTROLLER & ATMOSPHERE SCR ON BOTH CHAMBERS

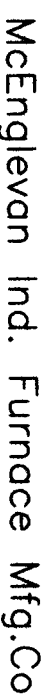


- Control Inst. Terminals
- High Limit Cont. Term.
- Contactor Coils
- △ Solenoid, Incoming Atmos.
- △ Purge Solenoid
- Air Flow Switch
- Inst. Cabinet Cooling Fan
- Afs Air Flow Switch

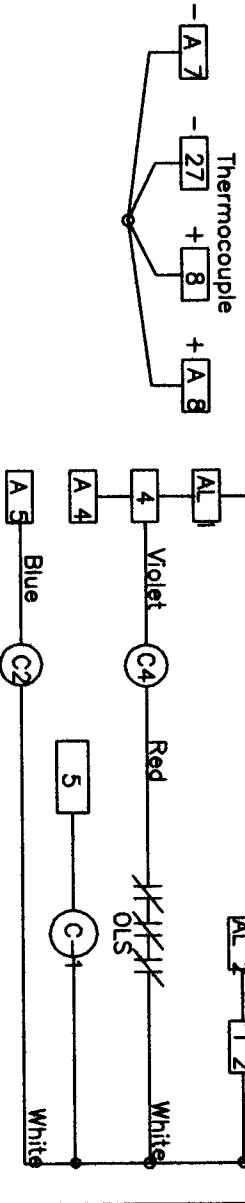
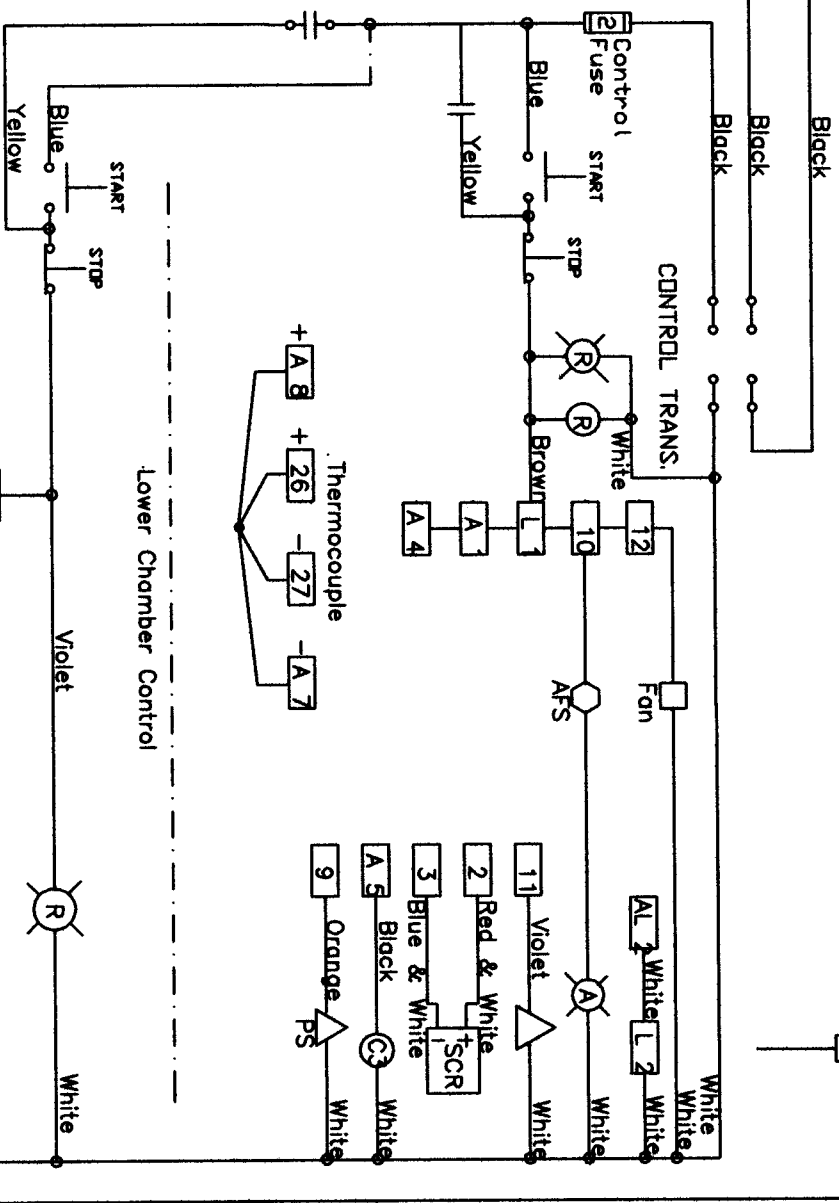
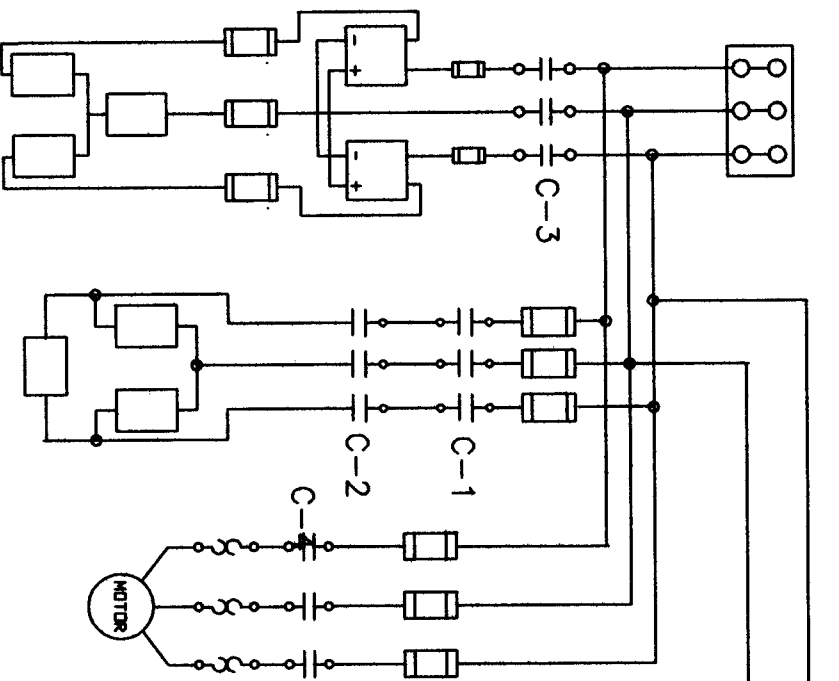
McEnglevar Ind. Furnace Mfg. Co
 HEAT-TRE\ED0026 12/8/95



DUAL CHAMBER UNIT WITH HONEYWELL 2000 CONTROLLER



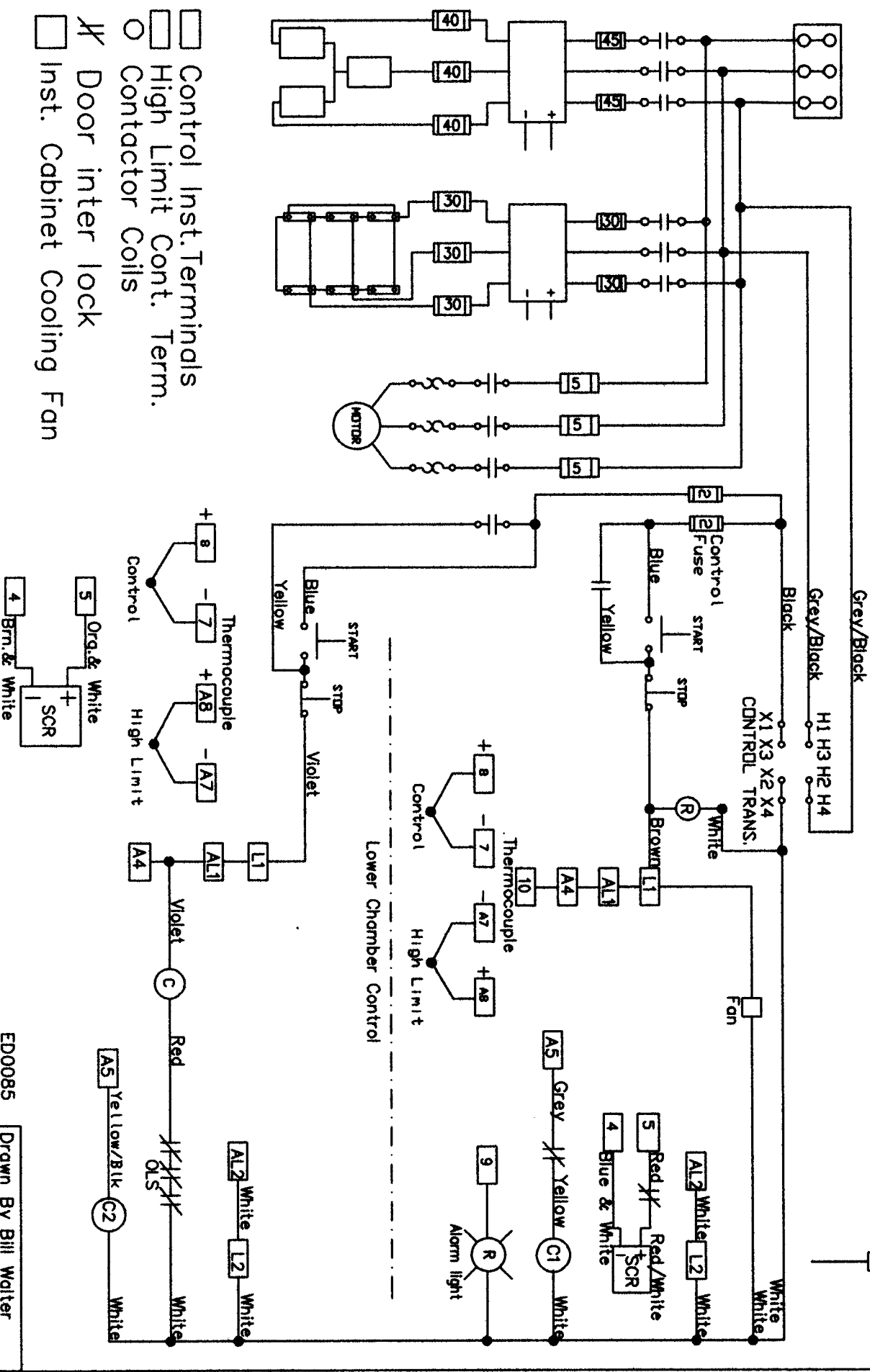
Power Supply **DUAL CHAMBER INDUSTRIAL UNIT**
 230V / 460V UDC 2003-2 CONTROLLER AND SCR ON TOP CHAMBER
 3 Ph / 60 Hz



- ☐ Control Inst. Terminals
- ☐ High Limit Cont. Term.
- ☐ Contactor Coils
- ☐ Solenoid, Incoming Atmos.
- ☐ Purge Solenoid
- ☐ Air Flow Switch
- ☐ Inst. Cabinet Cooling Fan
- ☐ Afs Air Flow Switch

DUAL CHAMBER INDUSTRIAL UNIT

Honeywell 230B Control and Honeywell 230L Hi Limit
AND SCR ON BOTH CHAMBERS



ED00085

Drawn By Bill Walter

DU 1020 Heat Treat

230/460V, 3PH, 60 HZ.

M I F C O

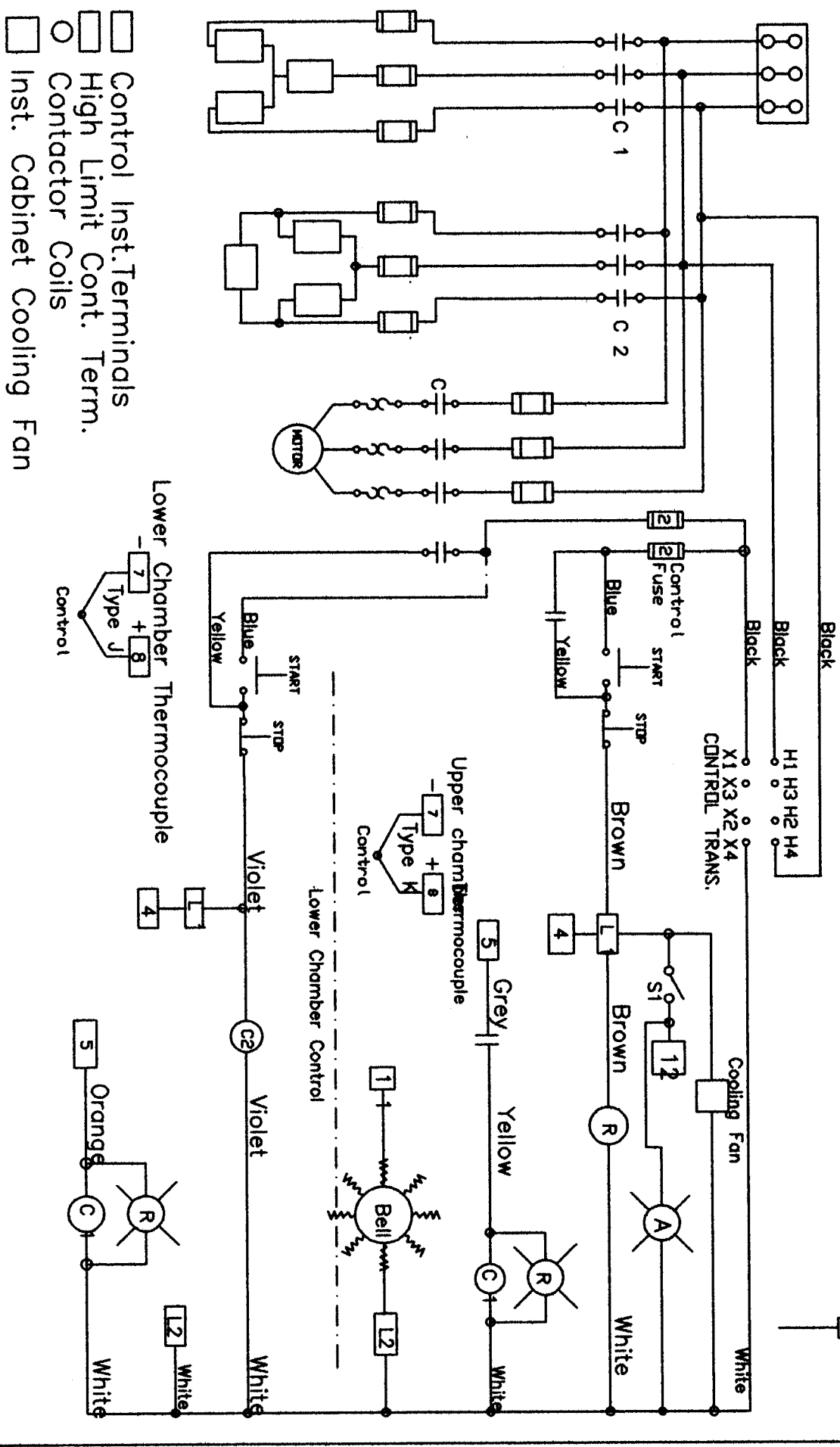
9/15/2000

Power Supply

230V / 460V
3 Ph / 60 Hz

DUAL CHAMBER UNIT

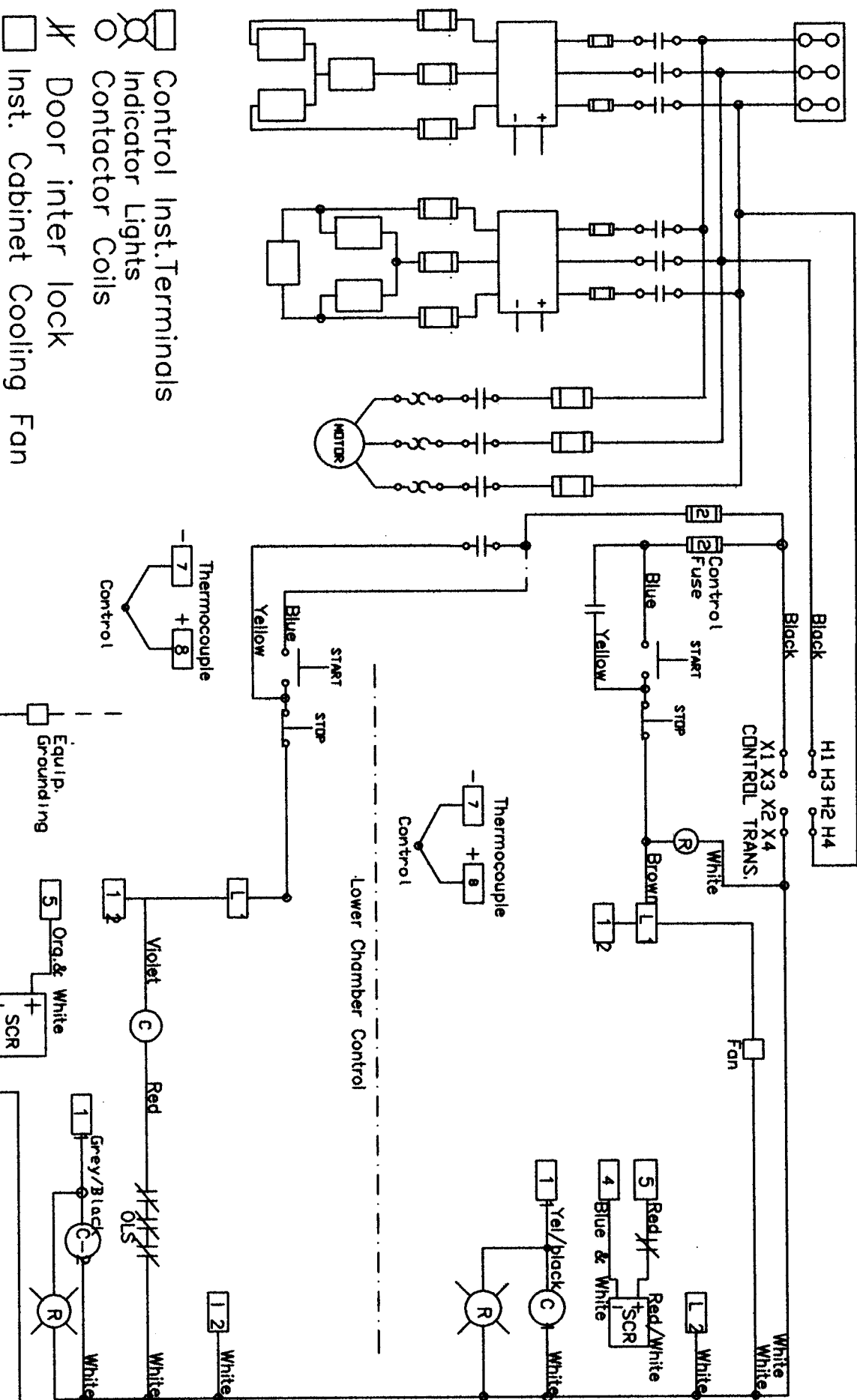
With Honeywell UDC 2003 Controller
Alarm Bell On Upper Chamber



Power Supply

DUAL CHAMBER HEAT TREAT UDC 2000 PROGRAMMABLE CONTROLLER

WATLOW DIN-A-MITE SCR ON BOTH CHAMBERS



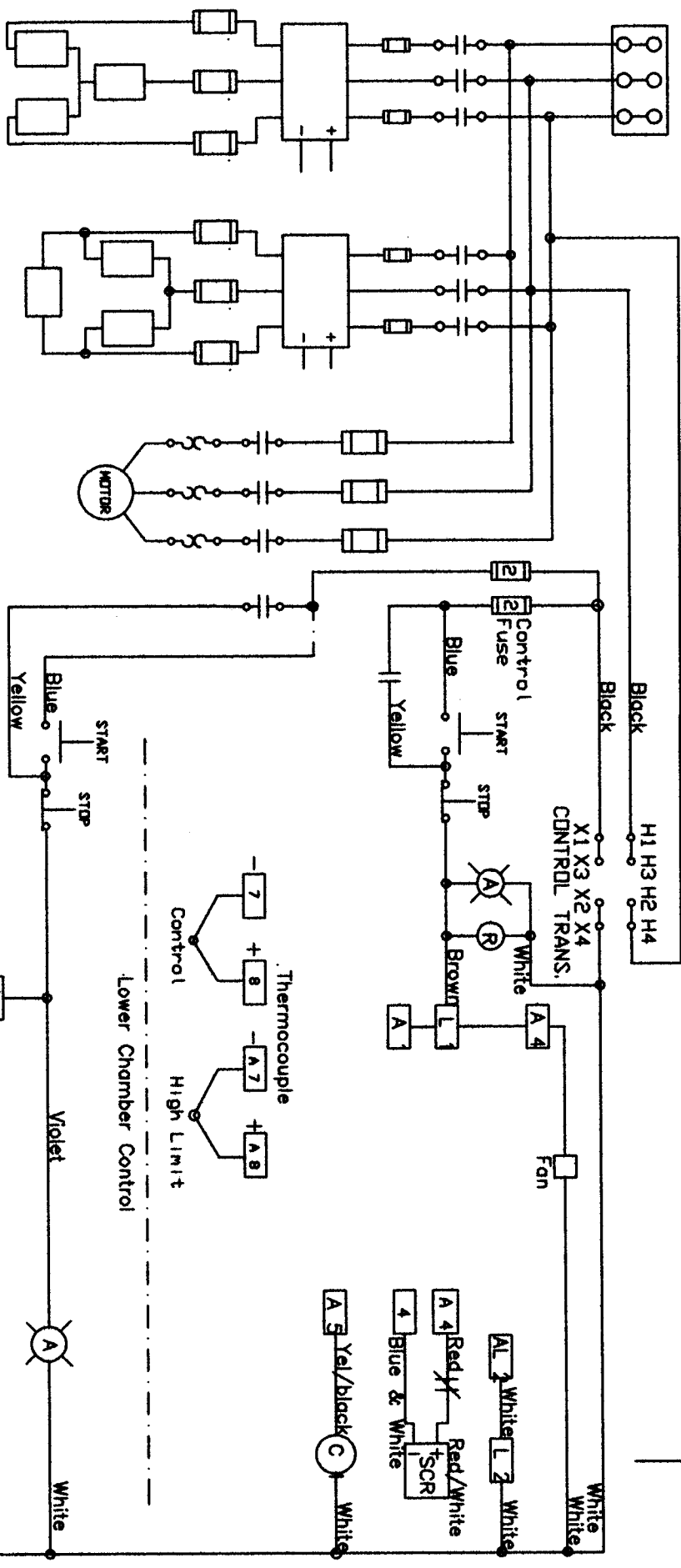
HEAT-TRE\ED0022

M I F C O

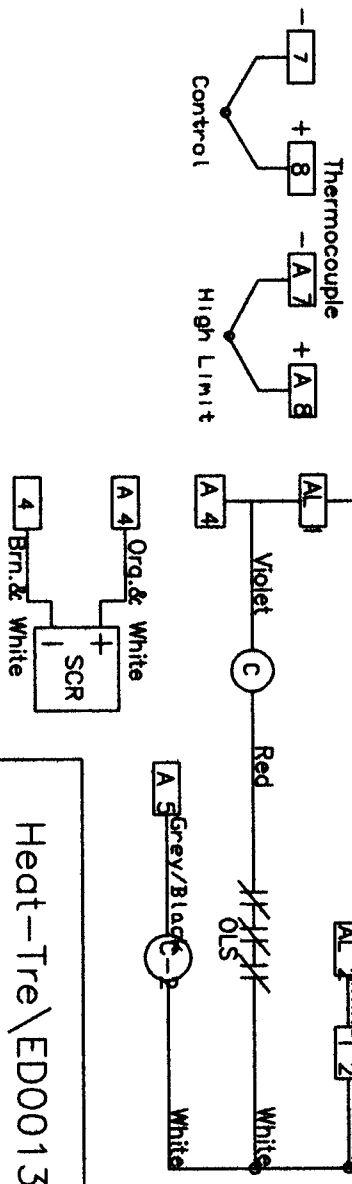
2/13/96

Power Supply **DUAL CHAMBER INDUSTRIAL UNIT**
 230V / 460V UDC 2000 PROGRAMMABLE CONTROLLER
 3 Ph / 60 Hz WATLOW DIN-A-MITE SCR ON BOTH CHAMBERS

Equip. Grounding



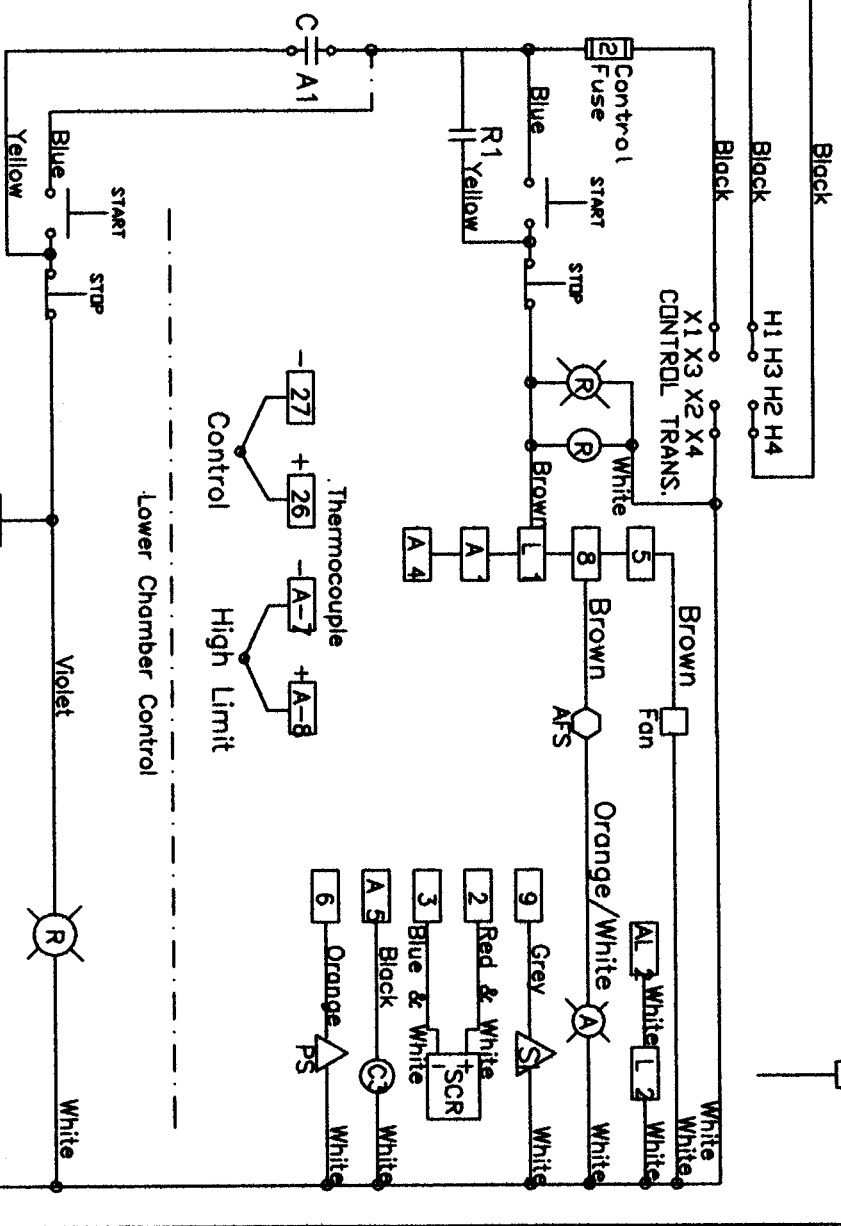
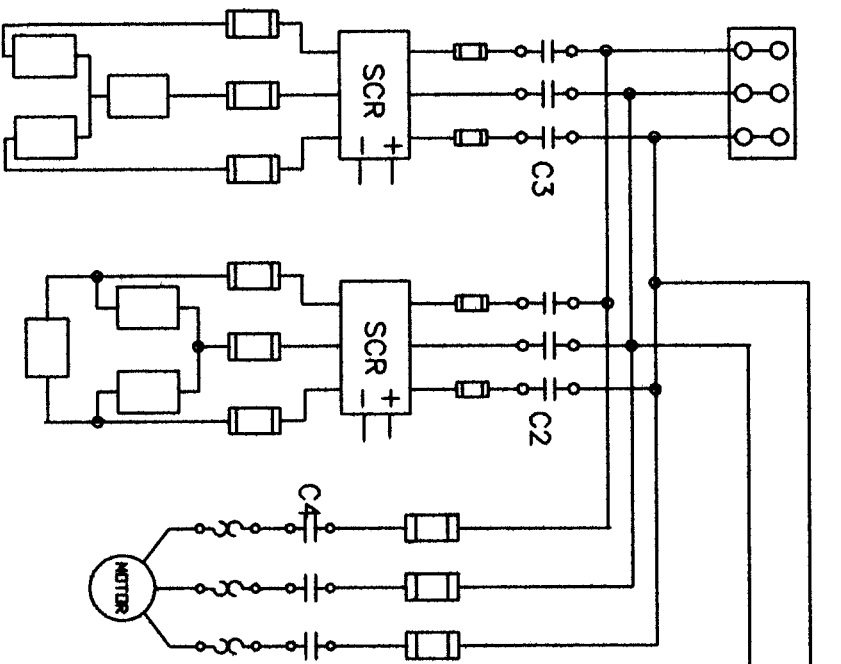
- ☐ Control Inst. Terminals
- ☐ High Limit Cont. Term.
- ☐ Contactor Coils
- ☒ Door inter lock
- ☐ Inst. Cabinet Cooling Fan



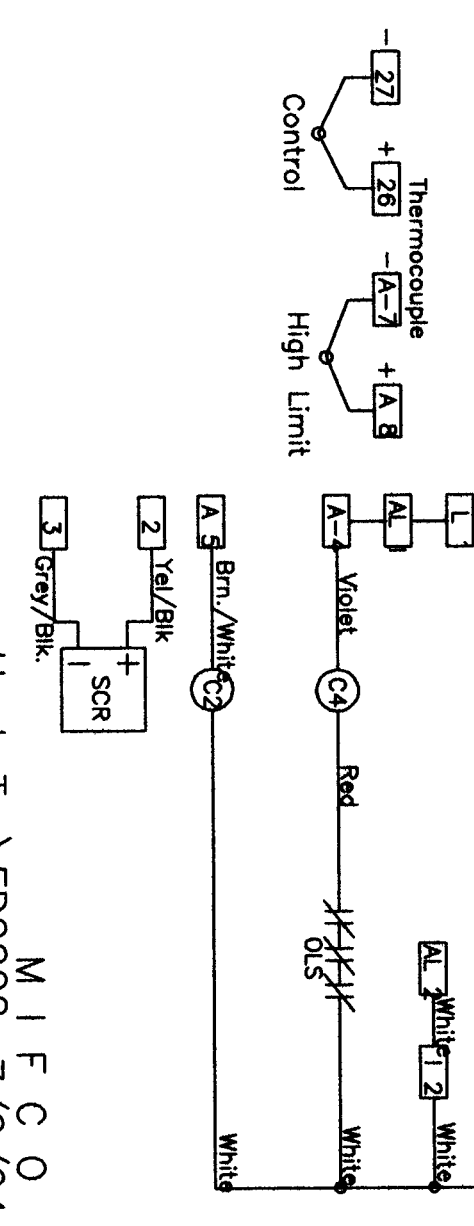
Heat-Tre\ED0013

M I F C 02/13/96

Power Supply **DUAL CHAMBER INDUSTRIAL UNIT**
 230V / 460V UDC 3000 PROGRAMMABLE CONTROLLER AND SCR.
 3 Ph / 60 Hz WITH ATMOSPHERE



- ☐ Control Inst. Terminals
- ☐ High Limit Cont. Term.
- ☐ Contactor Coils
- ☐ Solenoid, Incoming Atmos.
- ☐ Purge Solenoid
- ☐ Air Flow Switch
- ☐ Inst. Cabinet Cooling Fan
- ☐ Afs Air Flow Switch



Heat-Tre\ED0002 7/9/94

DUAL CHAMBER INDUSTRIAL UNIT

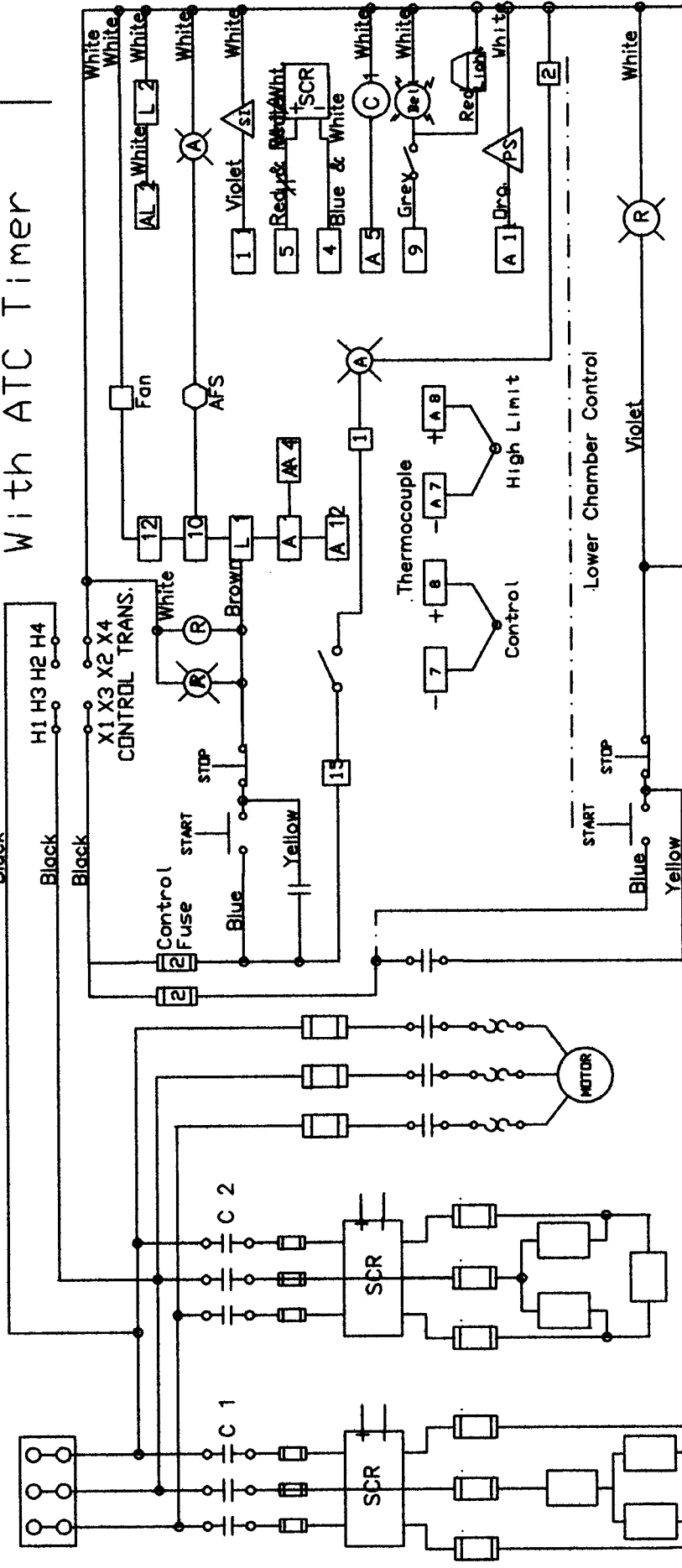
UDC 2000 PROGRAMMABLE CONTROLLER AND SCR

Power Supply 230V / 460V
3 Ph / 60 Hz

ON BOTH CHAMBERS

Equip. Grounding

With ATC Timer



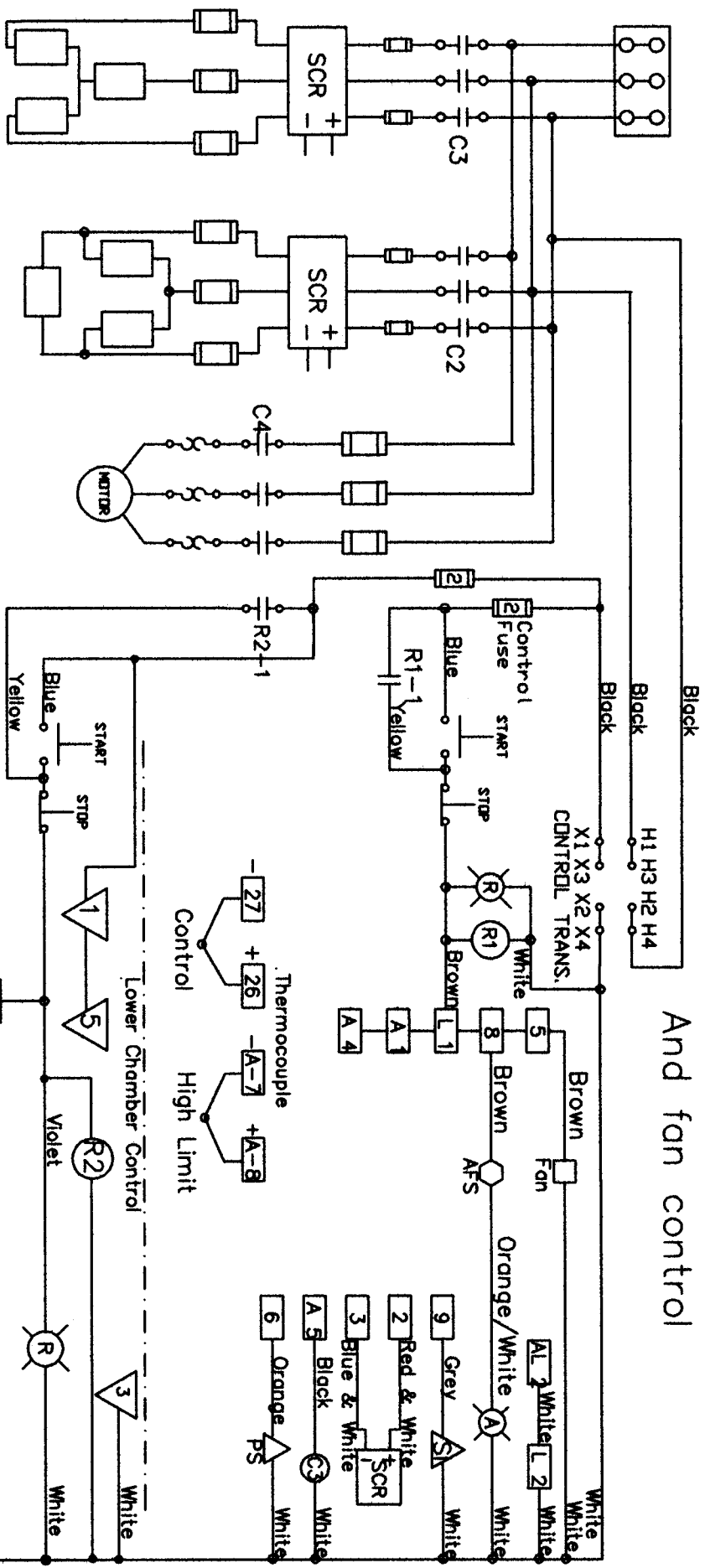
- ☐ Control Inst. Terminals
- ☐ High Limit Cont. Term.
- ☐ Contactor Coils
- ☐ Solenoid, Incoming Atmos.
- ☐ Purge Solenoid
- ☐ Air Flow Switch
- ☐ Inst. Cabinet Cooling Fan
- ☐ Afs Air Flow Switch

Timer Terminals

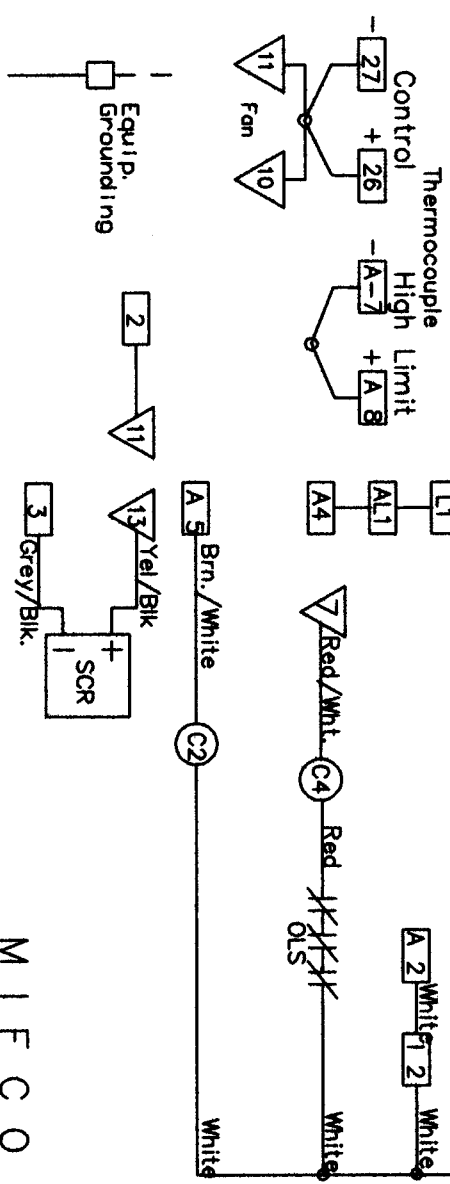
M I F C O
Heat-Tre ED0010 12/8/95

Power Supply **DUAL CHAMBER INDUSTRIAL UNIT**
 230V / 460V UDC 3000 PROGRAMMABLE CONTROLLER AND SCR.
 3 Ph / 60 Hz WITH ATMOSPHERE

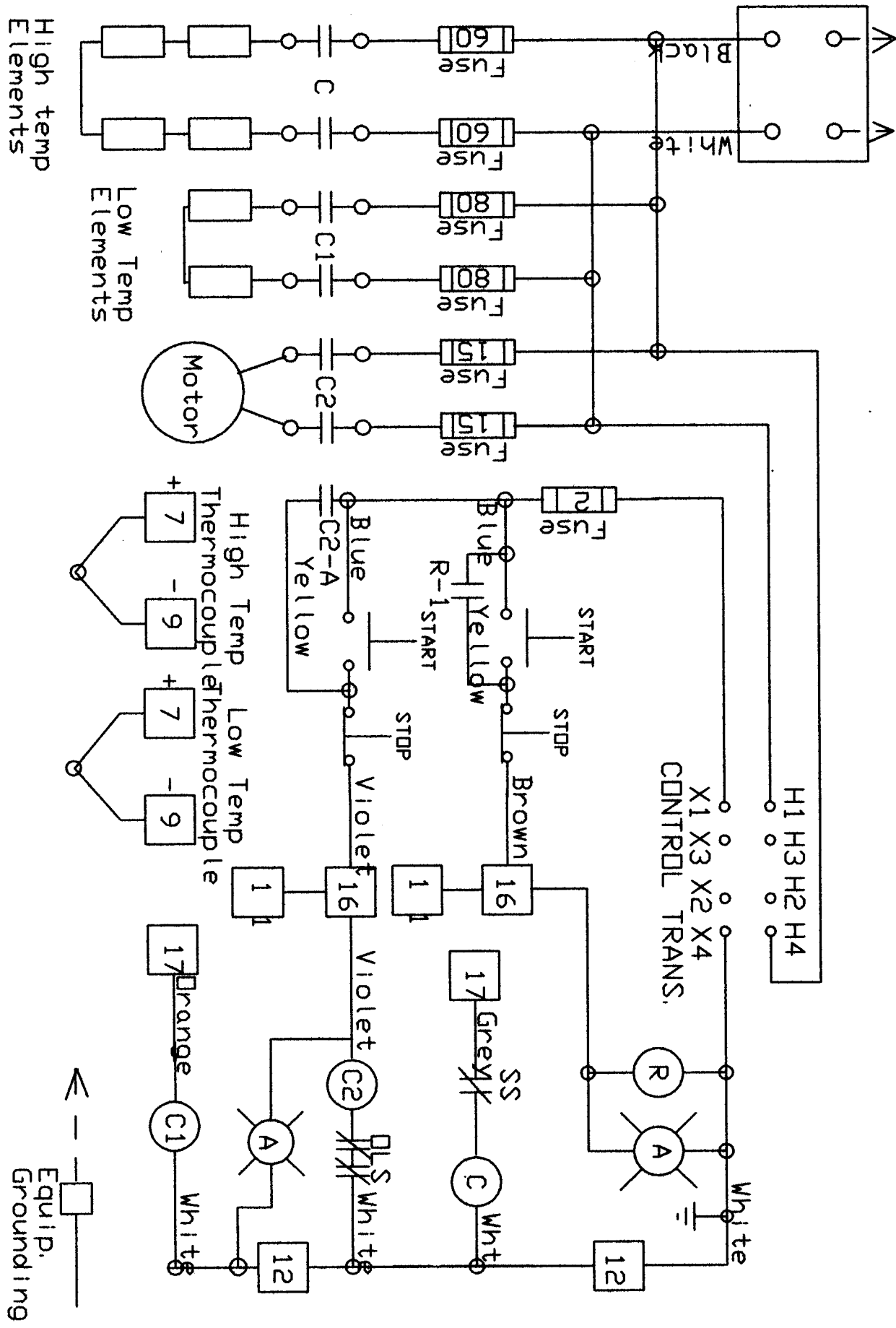
And fan control



- ▽ Fan control terminals
- Control Inst. Terminals
- High Limit Cont. Term.
- Contactor Coils
- △ Solenoid, Incoming Atmos.
- △ Purge Solenoid
- ◇ Air Flow Switch
- Inst. Cabinet Cooling Fan
- Afs Air Flow Switch



Field Power Supply 220 V 1 Ph 60 Hz Dual Chamber With Watlow 945

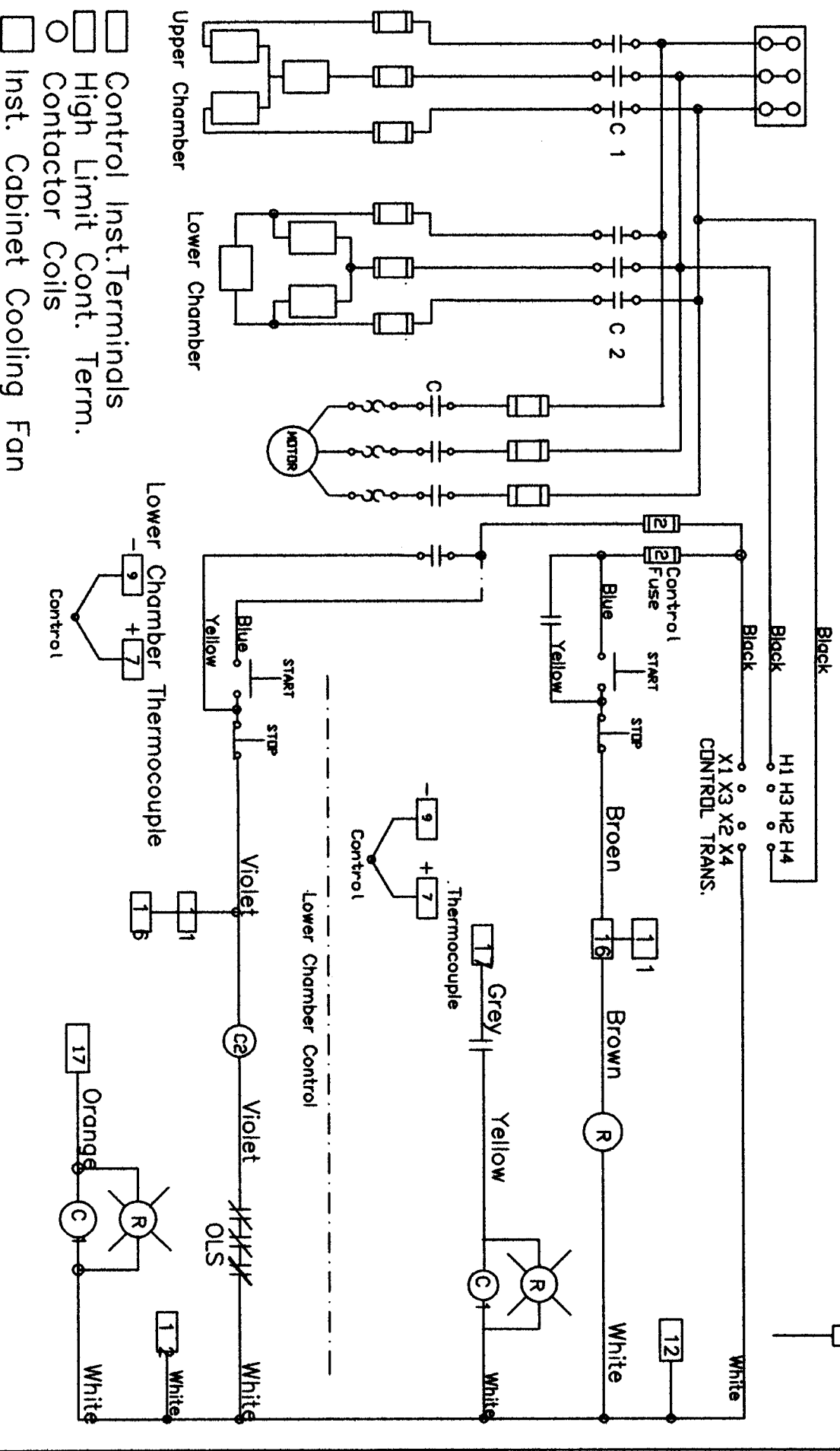


- (R) Heaters On Lights
- (C) Contactor Coils
- Control Terminals
- Door Interlock Swt.

Heat Treat\ED0030
M I F C □
2/14/97

Power Supply

With Watlow 945 Controller



A:\Heat Treat\ED0034

M I F C O

2/15/97

DUAL CHAMBER HEAT TREAT

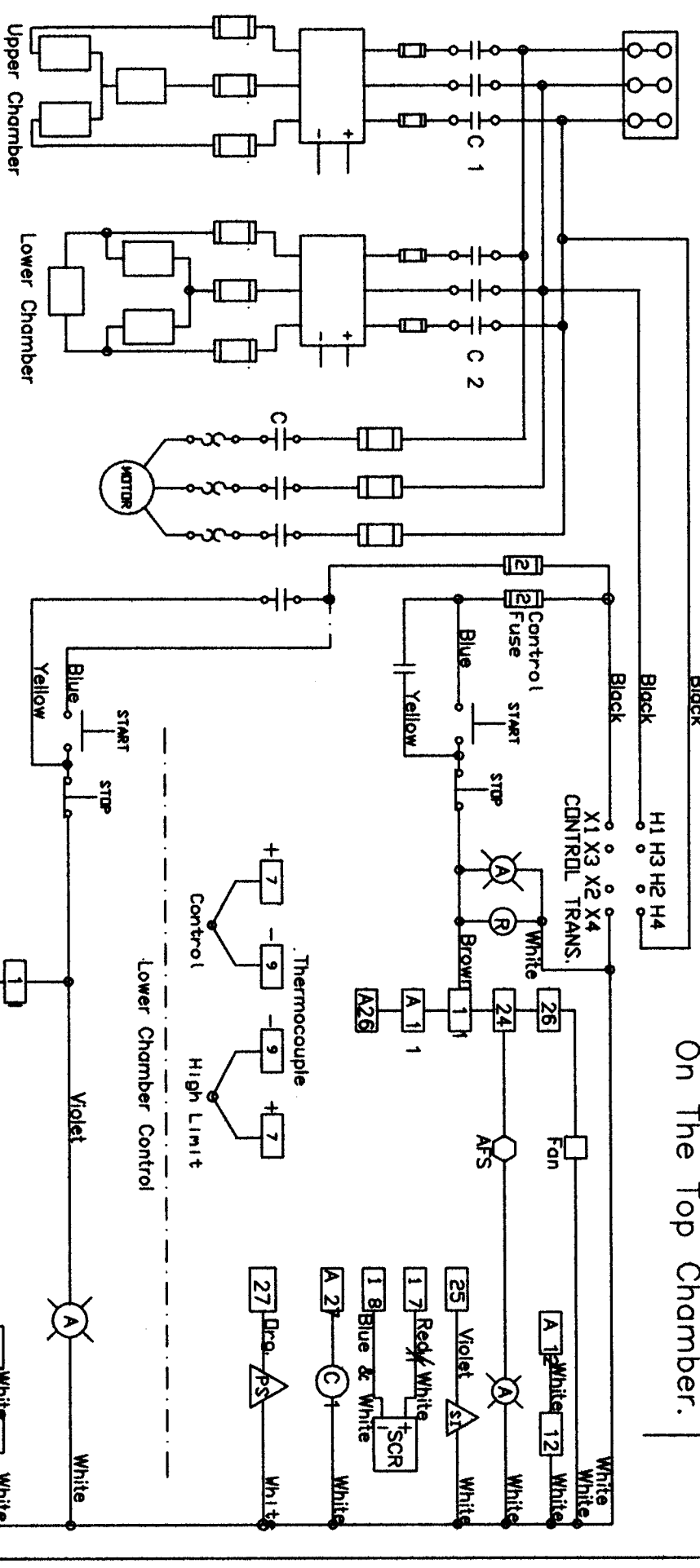
WATLOW 945 CONTROLLER
WATLOW DIN-A-MITE SCR ON BOTH CHAMBERS



MIFCO

2/13/96

Power Supply **DUAL CHAMBER INDUSTRIAL UNIT** 230V / 460V 3 Ph / 60 Hz Watlow 945 Controller And Watlow 945 High Limit And SCR On Both Chambers, And Atmosphere Equip. Grounding On The Top Chamber.



- Control Inst. Terminals
- High Limit Cont. Term.
- Contactor Coils
- △ Solenoid, Incoming Atmos.
- △ Purge Solenoid
- Air Flow Switch
- Inst. Cabinet Cooling Fan
- Afs Air Flow Switch