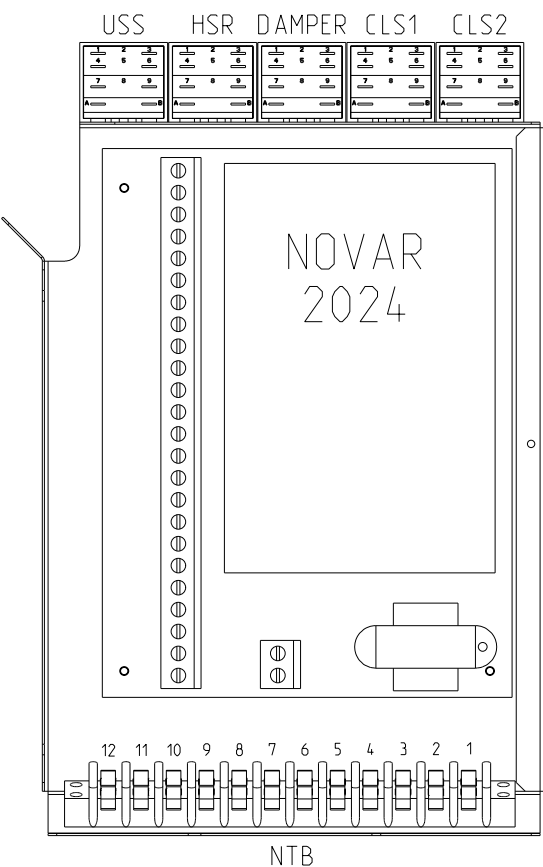


REF	DESCRIPTION
AH	ELECTRIC HTR A COIL
CC1	CPR CONTACTOR 1 COIL
CC2	CPR CONTACTOR 2 COIL
CFS	CLOGGED FILTER SWITCH
CLS-1	COOL STATUS RELAY 1
CLS-2	COOL STATUS RELAY 2
DAMPER	DAMPER
ECA	ECONOMIZER ACTUATOR
FFS	FAN FAIL SWITCH
GV	GAS VALVE
HSR	HEAT STATUS RELAY
LTB	LOW VOLTAGE TERM BLOCK
MAS	MIXED AIR SENSOR
NLTB	NOVAR LOW VOLTAGE TERM BLOCK
NOVAR	NOVAR 2024 CONTROLLER
NTB	NOVAR TERMINAL BLOCK
RST	100K OHM CARBON FILM RESISTOR
RTRM	REFRIGERATION MODULE
RTS	NOVAR REMOTE TEMP SENSOR
SAS	SUPPLY AIR SENSOR
TNS1	LOW VOLTAGE TRANSFORMER
USS	UNIT SHUTDOWN STATUS RELAY

COLOR	ABBR	COLOR	ABBR
BLACK	BLK	ORANGE	ORG
BLUE	BLU	RED	RED
BROWN	BRN	VIOLET (PURPLE)	VIO
GRAY (SLATE)	GRA	WHITE	WHT
GREEN/YELLOW	G/Y	YELLOW	YEL

- THIS UNIT HAS FACTORY-INSTALLED NOVAR CONTROLS ETM-2024. REFER TO THIS DRAWING FOR NOVAR INTERFACE TO UNIT. (SEE UNIT DIAGRAMS FOR REMAINING WIRING.)
- PLACE WIRING LABEL ON INSIDE OF NOVAR ENCLOSURE.
- CLS-2 AND ASSOCIATED WIRES ARE SUPPLIED, BUT NOT USED, ON SINGLE REFRIGERATION CIRCUITS. CC2 AND ASSOCIATED WIRES ARE USED ONLY ON DUAL CIRCUIT UNITS.
- ECONOMIZER ACTUATOR DRIVES TO MIN. POS. ON CALL FOR FAN. ACTUATOR WILL MODULATE TO MAINTAIN 50-55° F SUPPLY AIR ON A CALL FOR DAMPER AND OPTIONAL X FAN WILL RUN. FOR FULL OPEN ECONOMIZER, REPLACE MAS WITH A JUMPER.
- ECONOMIZER MIN. POS. IS OVERRIDDEN TO FULL CLOSED DURING UNOCCUPIED PERIODS. PLACE JUMPER BETWEEN P AND P1 TO DISABLE THIS FUNCTION.
- REPLACE 50VA TRANSFORMER WITH 75VA TRANSFORMER FOR GAS HEAT OPERATION.
- TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE JUMPER AND WIRE SMOKE DETECTOR BETWEEN THE TERMINALS. RE-LABEL/RE-ASSIGN NOVAR "FILTER STATUS" INPUT AS "SMOKE DETECTOR STATUS".
- CONNECT WIRE W26 IN THE HEAT SECTION OF THE UNIT AT THE GAS VALVE OR THE ELECTRIC HEAT RELAY.
- TO USE NOVAR STATUS INPUT AS CLOGGED FILTER, REMOVE THE JUMPER FROM NTB-9 & NTB-10, AND INSTALL BETWEEN NTB-5 AND NTB-6.
- NLTB IS MOUNTED IN THE CONTROL BOX.

4366-1099



LABEL MATERIAL SPECIFICATION -
 CERTIFIED SOURCE: WAUSAU (UNIMATE)
 MATERIAL: #80 WHITE LATEX IMPREGNATED WAUSAU COATED PAPER
 PRINTING PROCESS: OFFSET PRESS
 ADHESIVE: UNIMATE PERMANENT ADHESIVE

DO NOT SCALE PRINT	DRAWN BY: K. VICIMARK DATE: 14-Dec-07 THIRD ANGLE PROJECTION	4366-1099 DIAGRAM NOVAR 2024
	THIS DRAWING IS PROPRIETARY AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.	