

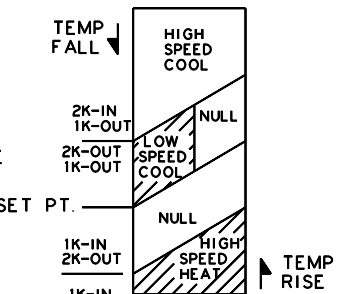
- LEGEND**
- A AMMETER (OPTIONAL)
 - ALT ALTERNATOR
 - AS AIR SWITCH
 - BZ BUZZER (OPTIONAL)
 - CB1-2 CIRCUIT BREAKER
 - CCU CAB CONTROL UNIT (OPTIONAL)
 - CIS CONDENSER INLET SOLENOID
 - CSM CYCLE SENTRY MODULE (OPTIONAL)
 - C1-2 CAPACITOR, ALTERNATOR LIGHT
 - DR1-2 DEFROST RELAY
 - DS DAMPER SOLENOID
 - D1-44 DIODES

- ER ELECTRIC RELAY
- ERR ENGINE RESET RELAY (OPTIONAL)
- ETS ELECTRONIC DEFROST TERMINATION SWITCH
- EUR ENGINE UNLOADING RELAY
- EUT ENGINE UNLOADING TIMER
- F1 FUSE 3A
- FLW FUSE LINK WIRE (18 GAUGE)
- FP FUEL PUMP
- FS FUEL SOLENOID
- FSR FUEL SOLENOID RELAY
- FSRT FUEL SOLENOID RELAY TIMER
- FW FLYWHEEL RPM SENSOR (OPTIONAL)
- 2KA SUCTION SOLENOID RELAY
- 4K HOT GAS LOCKOUT RELAY
- GP GLOW PLUGS
- HGS HOT GAS SOLENOID
- HMD HOURMETER DIESEL
- HME HOURMETER ELECTRIC (OPTIONAL)
- HMT HOURMETER TOTAL (OPTIONAL)
- HPCO HIGH PRESSURE CUTOFF SWITCH
- HWT HIGH WATER TEMPERATURE SWITCH
- LLS LIQUID LINE SOLENOID
- LOP LOW OIL PRESSURE SWITCH (ENGINE)
- LPCO LOW OIL PRESSURE CUTOFF SWITCH (OPTIONAL)
- MC MOTOR CONTACTOR
- M3 MOTOR 3PH
- OL OVERLOAD RELAY

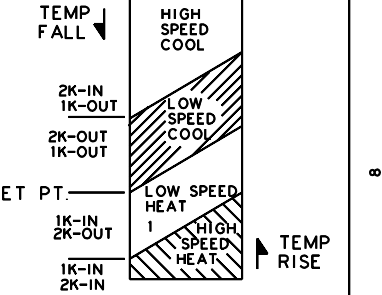
- OLS OIL LEVEL SWITCH
- OR ON RELAY
- PHR PREHEAT RELAY
- PL PILOT LIGHTS
- 1 DEFROST MODE (TAN)
- 2 COOL MODE (WHITE)
- 3 HEAT MODE (AMBER)
- PRR1-3 PRESSURE RELIEF RELAY
- PT PREHEAT THERMISTOR (OPTIONAL)
- PV PURGE VALVE
- PVR PURGE VALVE RELAY (MD ONLY)
- PVT PURGE VALVE TIMER (MD ONLY)
- RAS REAR AIR SWITCH
- RCU REAR CAB CONTROL UNIT (OPTIONAL)
- RDH REAR DRAIN HEATER WIRE
- RDHP REAR DRAIN PAN HEATER WIRE
- RDRI-3 REAR DEFROST RELAY
- RDRA REAR DEFROST RELAY #2
- REF REAR EVAPORATOR FAN
- RETS REAR ELECTRONIC DEFROST TERMINATION SWITCH
- RFCB REAR FAN CIRCUIT BREAKER
- RFR REAR FAN RELAY
- RFSR REAR FAN SHUTDOWN RELAY
- RHGS REAR HOT GAS SOLENOID
- RLS REAR LIQUID LINE SOLENOID
- RLR RESET LOCKOUT RELAY
- ROR1 REAR ON RELAY #1
- ROR2 REAR ON RELAY #2
- RPL REAR PILOT LIGHTS
- 1 DEFROST MODE (TAN)
- 2 COOL MODE (WHITE)
- 3 HEAT MODE (AMBER)
- RR RUN RELAY (OPTIONAL)
- RS REAR SWITCH
- 1 ON/OFF - REAR COMPARTMENT
- 2 MANUAL DEFROST
- RSLS REAR SUCTION LINE SOLENOID
- RTCM REAR TEMPERATURE CONTROL MODULE
- R1K1-3 THERMOSTAT RELAY HEAT/COOL
- R2K1-3 THERMOSTAT RELAY HIGH/LOW SPEED
- RTPC RECEIVER TANK PRESSURE CUTOFF SWITCH
- RTPS RECEIVER TANK PRESSURE SOLENOID
- RS RESISTOR
- SLS SUCTION LINE SOLENOID
- SM STARTER MOTOR
- SR START RELAY
- SRR START/RUN RELAY
- SS STARTER SOLENOID
- SWR SAFETY SWITCH RELAY
- S SWITCHES
- 1a-b PREHEAT/START - MAIN UNIT
- 2 ON/OFF - MAIN UNIT
- 3 DIESEL/ELECTRIC
- 5 MANUAL DEFROST
- 7 ON/OFF - RECEPTACLE BOX (OPTIONAL)
- 8 ON/OFF FRONT COMPARTMENT
- 7a-b PREHEAT/START - REMOTE BOX
- 18a-d 1-TEMP/2-TEMP
- TCM TEMPERATURE CONTROL MODULE
- 1K1-3 THERMOSTAT RELAY HEAT/COOL
- 2K THERMOSTAT RELAY HIGH/LOW SPEED
- TR THROTTLE RELAY
- TS THROTTLE SOLENOID
- VR VOLTAGE REGULATOR
- WR WHISPER RELAY (OPTIONAL)

DATE	03/31/95	DATE	08/12/95
DESIGNED	RAA	DESIGNED	CR1
CHECKED		APPROVED	
		APPROVED	
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REVISIONS 65672 RAA 03/30/95 CRT A RELEASED 67252 RAO 06/16/96 JS JB DEL D23, D24 & 26 CONNECTION AND HGS CONNECTION & D43 69377 GP 4/10/97 JPS C ADDED DIODE/RESISTOR ASSEMBLY, OIL LVL SW & FSRT, DEL C3 73332 JAS 8/14/98 LC D REDRAWN TO PROE, CHG'D SCREEN 5 & 0 CODE WAS 00. 75155 JAS 7/1/99 JS E ADDED RDHP WIRE.			

FRONT THERMOSTAT SWITCH SEQUENCE
ELECTRIC & 1-TEMP OPERATION



FRONT THERMOSTAT SWITCH SEQUENCE
DIESEL & 1-TEMP OPERATION



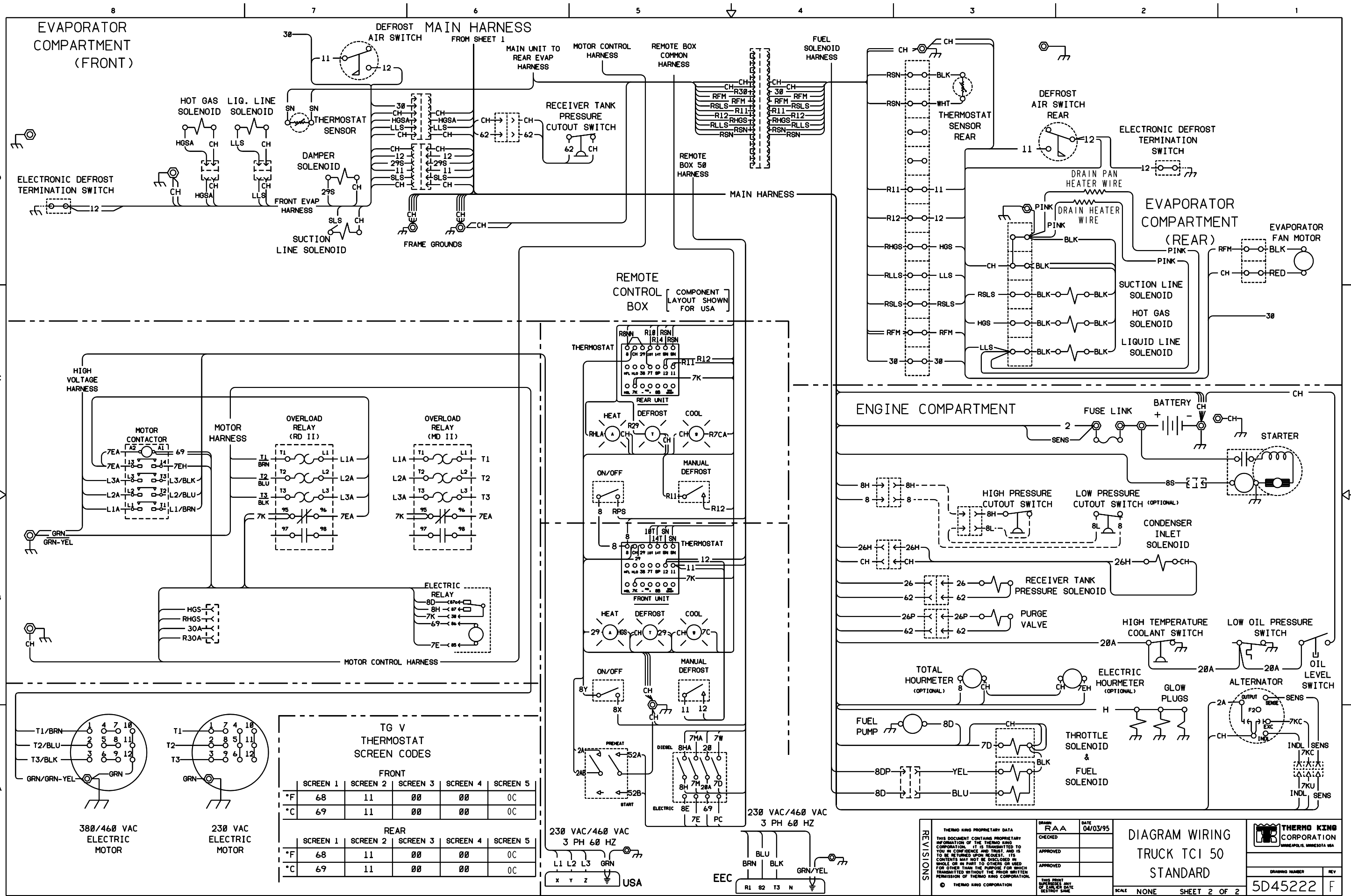
1 - NULL IF REAR UNIT IS HEATING OR COOLING.

* SEE SHEET 2

THERMO KING CORPORATION
CORPORATION
MILWAUKEE, WI
SERIAL NUMBER
(REF 5D45222)
5D45218 E
SHEET 1 OF 2
SCALE

SCHEMATIC DIAGRAM
TRUCK 50 TCI
STANDARD

DYF-PROF-DD



REVISIONS

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DRAWN: RAA
 CHECKED: []
 APPROVED: []
 DATE: 04/03/95

DIAGRAM WIRING TRUCK TCI 50 STANDARD

SCALE: NONE SHEET 2 OF 2

THERMO KING CORPORATION
 MINNEAPOLIS, MINNESOTA USA

DRAWING NUMBER: 5D45222
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