

# TECH SHEET

946693-A

INSULATION  
CABINET—FOAM  
DOORS—FIBERGLASS

INTERIOR

LINER—PORCELAIN  
DIVIDER—PLASTIC REMOVABLE

UNIT

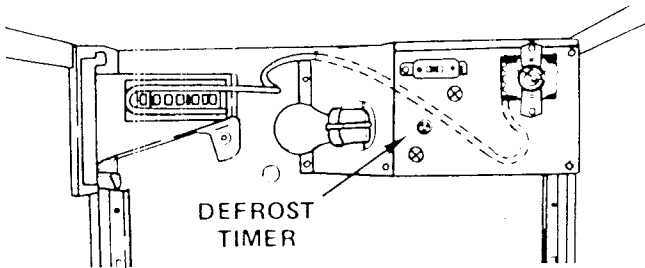
COMPRESSOR TYPE—PISTON 820 BTU  
RUNNING WATTS—170-280  
CONDENSER—FORCED AIR

DEFROST

TIMER—9.6 HR. COMPRESSOR RUN TIME  
21.5±3 MINUTE DEFROST

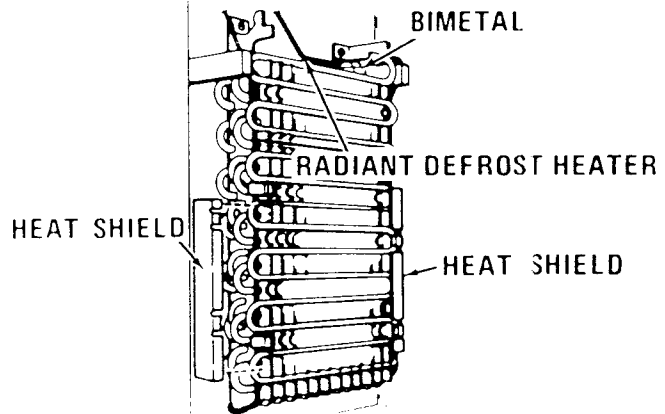
HEATER—RADIANT  
BIMETAL—CUT-IN—10°±3°F  
CUT-OUT—70°±5°F

THERMOSTAT ROUTING



NOTE CAPILLARY TUBE AND BARRIER MUST BE FIRMLY LOCATED IN PLASTIC RETAINERS AND NEVER IN DIRECT COLD AIR STREAM CAP TUBE SENSES TEMPERATURE OF AIR DIFFUSER

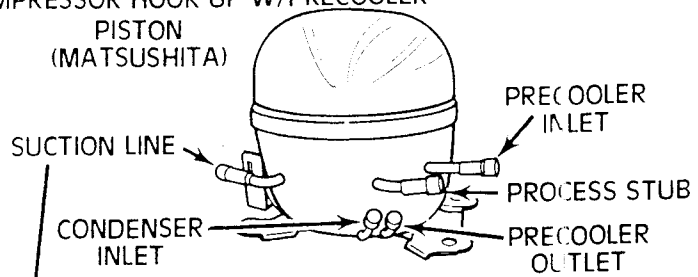
DEFROST HEATER ROUTING



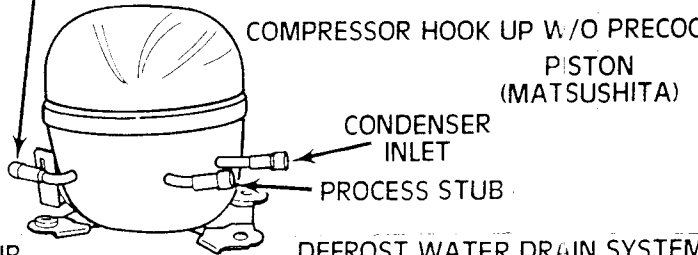
TYPE	THERMOSTAT CONTROL			CAP TUBE BARRIER		TEMPERATURE		
	CW=CLOCKWISE			LENGTH	WALL THICKNESS	KNOB POSITION	CUT-IN °F	CUT-OUT °F
	4000 FT.	6000 FT.	8000 FT.					
G.E. ONE SCREW	80° CW	128° CW	180° CW	21"	.040	WARM MID COLDEST	43±3 36±1.5 29±3	29±2 23±1.5 14±2
CUTLER-HAMMER TWO SCREWS	114° CCW	186° CCW	258° CCW	21"	.040	WARM MID COLDEST	43±3 36±1.5 29±3	29±2 23±1.5 14±2

COMPRESSOR HOOK UP W/PRECOOLER

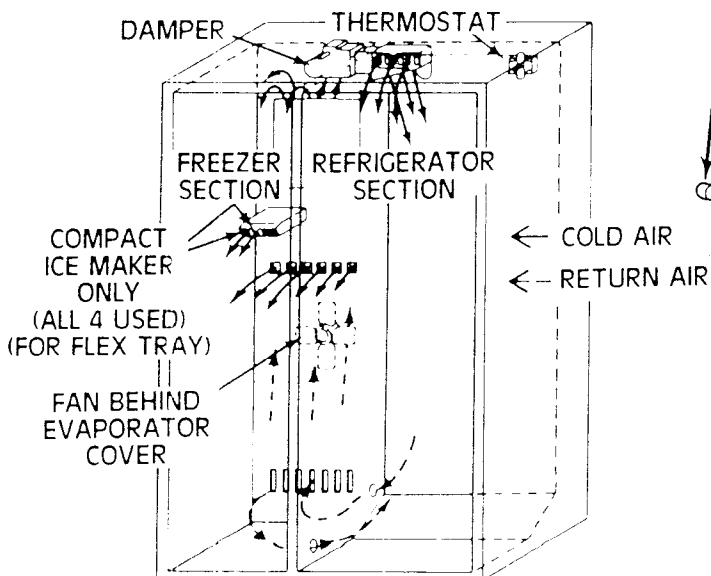
NOTE:  
SUCTION AND PROCESS STUBS  
MAY BE INTERCHANGED IF  
NECESSARY.



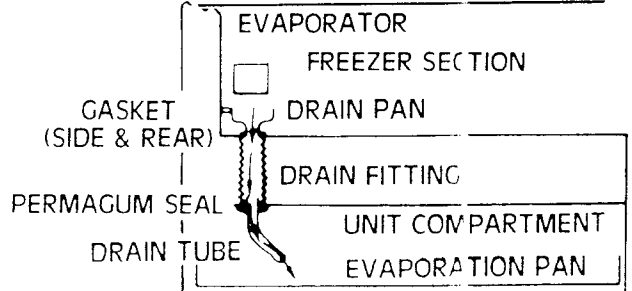
COMPRESSOR HOOK UP W/O PRECOOLER



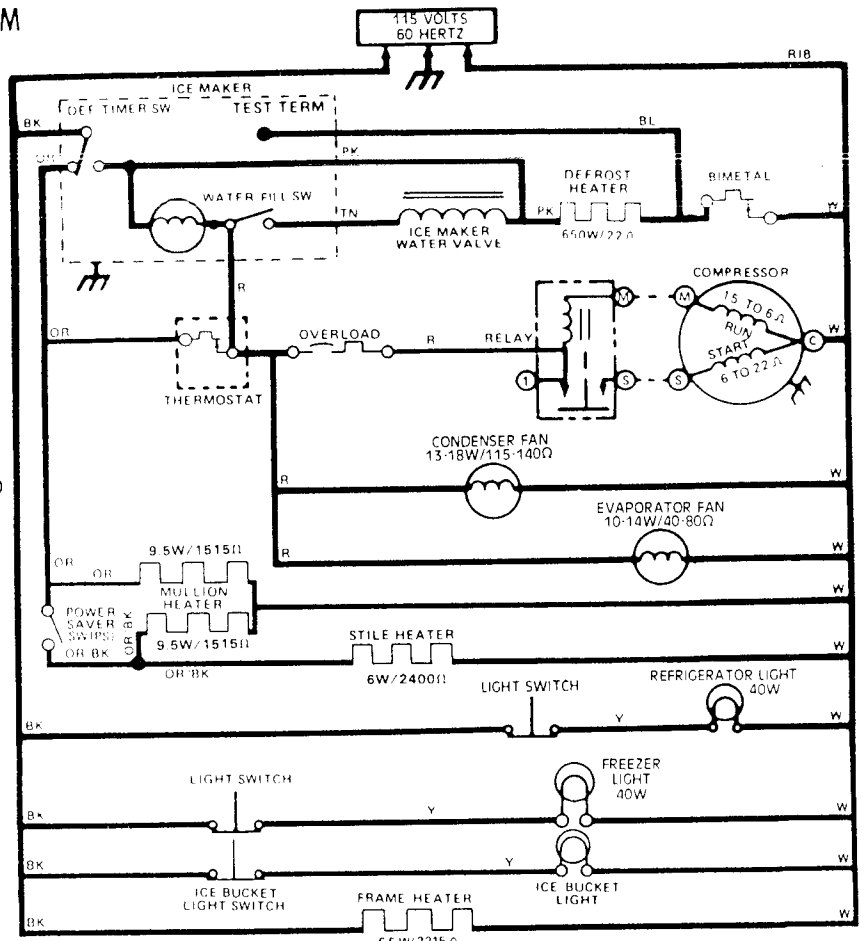
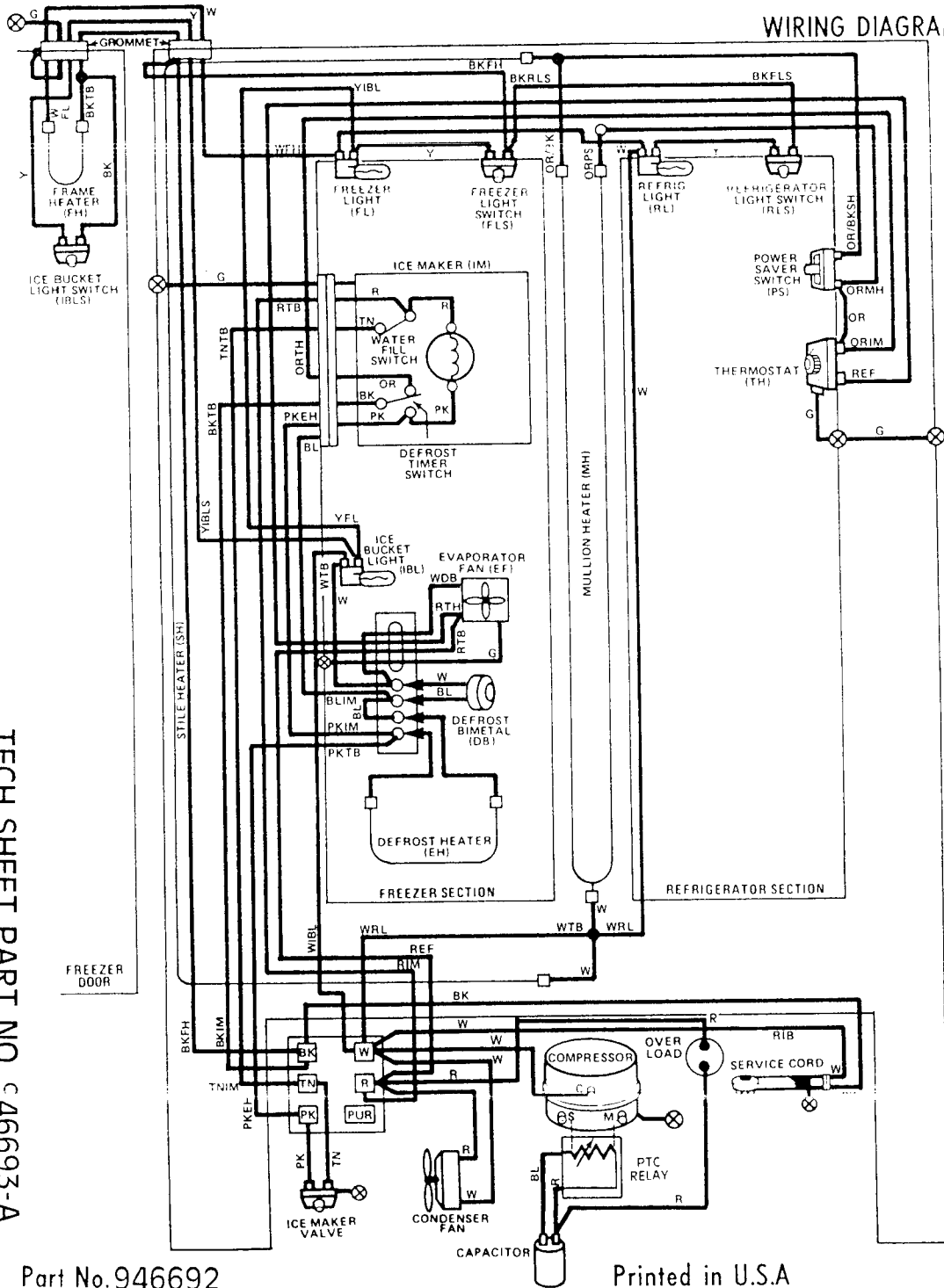
AIR FLOW & TEMPERATURE CONTROL SYSTEM



DEFROST WATER DRAIN SYSTEM



# WIRING DIAGRAM



- ⊗ GROUND CONNECTION
- G - GREEN
- BL - BLUE
- BK - BLACK
- R - RED
- W - WHITE
- Y - YELLOW
- OR - ORANGE
- BR - BROWN
- GY - GRAY
- - SPLICE
- - DISCONNECT TERM.
- OB - ORANGE/BLACK
- PK - PINK
- W/R - WHITE/RED TRACER
- TN - TAN
- Y/R - YELLOW/RED TRACER
- OR/BK - ORANGE/BLACK TRACER
- W/BK - WHITE/BLACK TRACER
- W/BL - WHITE/BLUE TRACER
- BK/Y - BLACK/YELLOW TRACER
- P or PUR - PURPLE
- Y/BK - YELLOW/BLACK TRACER
- P BK - PINK/BLACK TRACER
- R-W - RED/WHITE TRACER
- R-BK - RED/BLACK TRACER

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING UNITED STATES PATENTS

3 362 181	3 638 449	3 677 030	3 858 409	4 084 725
4 327 557	3 382 682	3 643 456	3 683 636	3 872 688
4 090 641	4 330 310	3 396 552	3 648 478	3 714 794
3 883 198	4 102 660	4 373 356	3 522 712	3 659 430
3 727 419	3 895 500	4 118 451	4 387 578	3 578 280
3 659 539	3 727 428	3 960 631	4 199 309	4 404 813
3 584 371	3 675 271	3 763 662	3 989 328	4 226 489

(OTHER PATENTS PENDING)

**WARNING**  
 DISCONNECT FROM ELECTRICAL SUPPLY BEFORE SERVICING UNIT.

TECH SHEET PART NO. 946693-A

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