

OPERATION AND MAINTENANCE MANUAL REPLACEMENT PARTS LIST FOR

CFMA SERIES

***Tempest-Aire*®**

Patent No. 5,388,429

COLD PAN SYSTEM

 **COLORPOINT**
DIVISION OF LOW TEMP INDUSTRIES, INC.

9192 TARA BOULEVARD P.O. BOX 795 JONESBORO, GEORGIA 30237

TELEPHONE: (770) 476-8803

FIBERGLASS SERVING EQUIPMENT

ATTENTION KITCHEN MANAGER

IMPORTANT TECHNICAL NOTICE REFRIGERATION AIR FILTERS

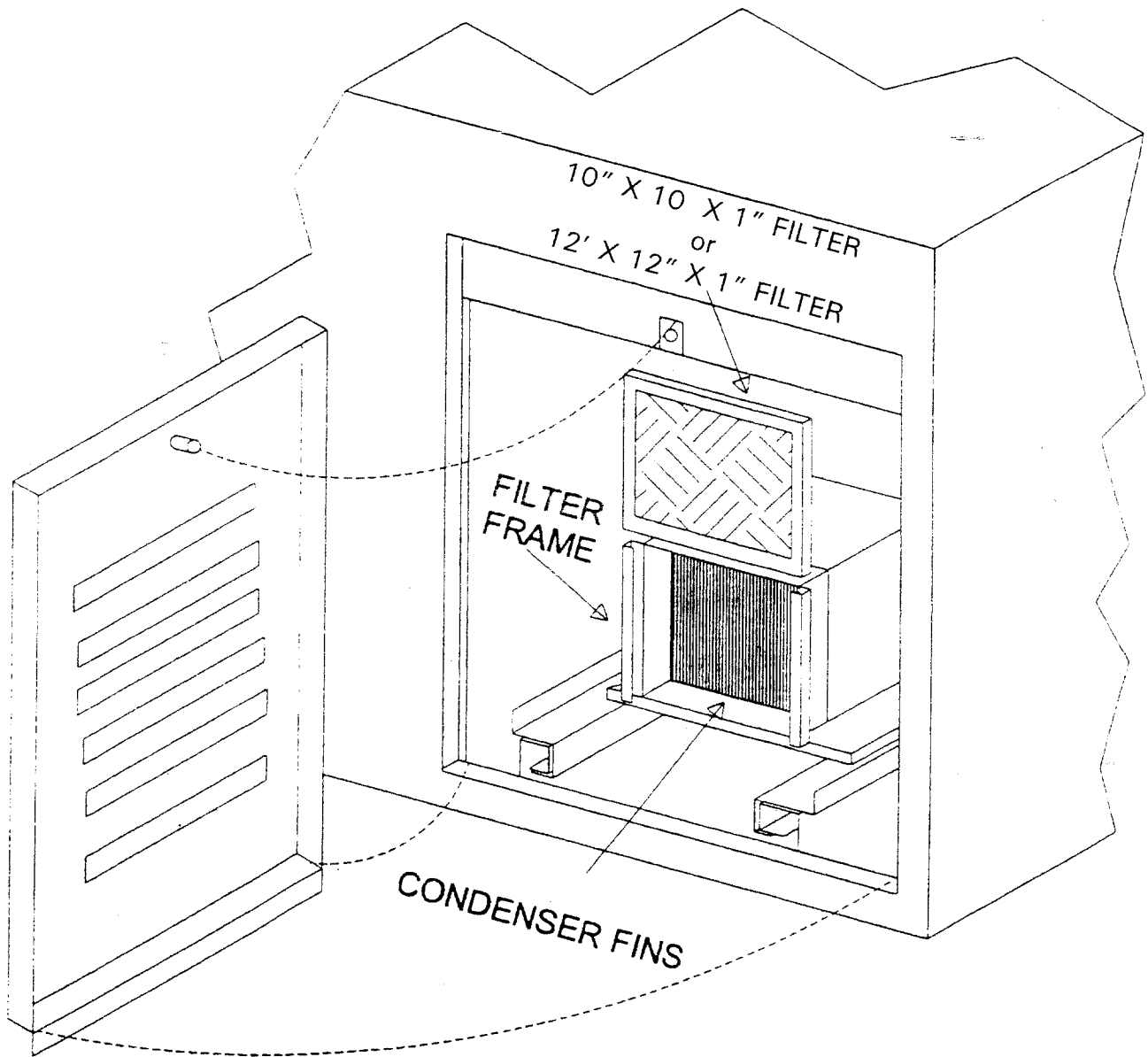
All self contained refrigeration systems provided by Low Temp Industries are provided with a 10" x 10" x 1" or 12" x 12" x 1" air filter located at the face of the condenser directly behind the louver panel. It is important to check this filter every 30 days and replace if necessary to ensure the proper operation of the unit. Failure to check this filter and replace if clogged can and will cause premature compressor failure and will not be covered by factory warranty.

If construction is not complete when the equipment is started be sure that the filters are checked and replaced if necessary once the final clean up is completed.

The purpose for this filter is to keep the condenser fins as clean as possible. If the filter is removed and discarded the fins will become clogged or the filter is not checked and replaced the compressor works harder to maintain temperature and the box interior cabinet temperature will rise.

It is **very important** that the **MAINTENANCE PERSONNEL** be informed of this feature provided on our equipment. Your cooperation in maintaining this feature is greatly appreciated. If you have any questions or problems concerning this matter please contact Ben Shackelford or Terry Taylor in the Low Temp Engineering Department 770-478-8803.

CONDENSER FILTER ACCESS CHANGE EVERY 30 DAYS



1. TO REMOVE THE LOUVERED PANEL LOOSEN THE THUMB SCREW LOCATED AT THE TOP OF THE PANEL.
2. TILT THE TOP OUT AND LIFT THE PANEL STRAIGHT UP.
3. LIFT THE FILTER STRIAIGHT UP OUT OF THE TRACK.
4. WHEN REPLACING THE FILTER NOTE THE AIR FLOW DIRECTION. IT SHOULD BE POINTING TOWARD THE CONDENSER FINS.

CAUTION: THIS FILTER MUST BE CHANGED EVERY 30 DAYS TO ENSURE PROPER OPERATION OF THE UNIT. FAILURE TO CHANGE THE FILTER WILL CAUSE THE COMPRESSOR TO RUN HOT AND CAUSE PREMATURE COMPRESSOR FAILURE. IF THE FILTER IS REMOVED AND NOT REPLACED THE CONDENSER FINS WILL BECOME CLOGGED AND REQUIRE A CHEMICAL RINSE TO CLEAR.

******* INSPECTION *******

UPON RECEIPT, THE CRATE SHOULD BE INSPECTED FOR VISUAL DAMAGE. ANY DAMAGE SHOULD BE REPORTED IMMEDIATELY TO THE CARRIER.

******* INSTALLATION INSTRUCTIONS *******

THE COLORPOINT **TEMPEST-AIRE**® CFMA SERIES IS A PATENTED REFRIGERATION SYSTEM DESIGNED FOR SHORT TERM DISPLAY AND DISPENSING OF FOOD AND DESERTS. THIS UNIT IS DESIGNED TO MAINTAIN A PRODUCT TEMPERATURE AT A MAXIMUM OF 40 DEGREES FAHRENHEIT FOR PERIODS UP TO FOUR (4) HOURS. THESE UNITS ARE DEPENDENT UPON THE AMBIENT TEMPERATURE IN WHICH THEY ARE INSTALLED AND THE PRODUCT TEMPERATURE WHEN IT IS PLACED IN THE UNITS. THE PRODUCT SHOULD BE CAREFULLY MONITORED AND ROTATED AS NECESSARY TO MEET LOCAL HEALTH REQUIREMENTS. THE DESIGN OF THIS UNIT ALLOWS FOR A MODULAR OPERATION, WHERE A GROUP OF UNITS CAN BE ARRANGED TO FORM A CAFETERIA SERVING LINE. ROLL THE TABLE INTO A SERVING LINE OR OTHER NEEDED POSITION AND LOCK THE BRAKES ON THE CASTERS.

IF LINE UP LOCKS ARE PROVIDED, SIMPLY ALIGN THE UNITS AND PUSH THE BARREL BOLTS THROUGH THE KEY HOLE SLOTS ON BOTH UNITS THEN TURN THE BOLT DOWN AND PUSH UP THE CAM LOCKING LEVER. TO UNLOCK THE UNITS, REVERSE THIS PROCEDURE.

******* OPERATING INSTRUCTIONS *******

START UP:

THE REFRIGERATION SYSTEM SUPPLIED WITH THESE SYSTEMS ARE OF THE HERMETIC TYPE. REFRIGERANT IS METERED BY EXPANSION VALVES WHICH ARE LOCATED IN THE COMPRESSOR HOUSING OF **TEMPEST-AIRE**® THE CFMA SERIES. EACH REFRIGERATION SYSTEM IS SELF CONTAINED AND HAS BEEN LEAK TESTED, CHARGED WITH REFRIGERANT AND OPERATED TO ENSURE THE PROPER OPERATION AND SETTING OF THE CONTROLS.

ENERGIZE THE UNIT BY ATTACHING THE PLUG TO AN APPROPRIATE ELECTRICAL SUPPLY (115 VAC, 60 HZ, SINGLE PHASE, 12 AMP) AND TURNING ON THE SERVICE SWITCH LOCATED IN THE COMPRESSOR COMPARTMENT. AFTER APPROXIMATELY ONE (1) HOURS OF OPERATION THE UNIT WILL BE READY FOR USE.

OPERATION:

THE SYSTEM TEMPERATURE IS CONTROLLED BY A THERMOSTAT WHICH IS LOCATED INSIDE THE COMPRESSOR HOUSING. THE THERMOSTAT CONTROLS A LIQUID LINE SOLENOID WHICH CONTROLS THE FLOW OF REFRIGERANT TO THE COOLING COILS. A LOW PRESSURE CONTROL (PHYSICALLY LOCATED IN THE FRONT OF THE COMPRESSOR COMPARTMENT) IS USED TO CYCLE OFF THE COMPRESSOR. THE LOW PRESSURE CONTROL IS SHOULD NOT BE ADJUSTED FROM THE FACTORY SETTINGS. ADJUSTMENT OF THIS CONTROL MAY CAUSE PERFORMANCE PROBLEMS WITH THE UNIT. THE TEMPERATURE IS DIRECTLY CONTROLLED BY THE THERMOSTAT.

CLEANING:

THE OUTSIDE OF THIS UNIT IS FABRICATED FROM FIBERGLASS AND SHOULD BE CLEANED WITH A MILD NON-ABRASIVE CLEANER. NORMAL LOTION SOAP THAT IS USED IN SINKS IS SATISFACTORY.

THE INNER LINER OF THIS UNIT IS FABRICATED OF 300 SERIES STAINLESS STEEL. PLEASE SEE "HOW TO CLEAN STAINLESS STEEL" IN THIS MANUAL. NOTE THAT THIS IS A VERY BROAD SECTION ON CLEANING AND THE TYPE OF EQUIPMENT AND END USE SHOULD BE KEPT IN CONSIDERATION BEFORE SELECTING ANY SPECIAL CLEANERS.

ELECTRICAL SYSTEM:

******* WARNING *******

IN ORDER TO PREVENT ANY ELECTRICAL ACCIDENTS, THIS REFRIGERATION SYSTEM SHOULD BE INSTALLED AND SERVICED BY QUALIFIED MAINTENANCE PERSONNEL ONLY PER NATIONAL ELECTRICAL CODE STANDARDS.

******* WARNING *******

INDIVIDUAL BREAKERS OR FUSES SHOULD BE PROVIDED FOR EACH COMPRESSOR MOTOR. GROUP FUSING, WHERE TWO OR MORE COMPRESSORS ARE INSTALLED ON ONE FUSE OR BREAKER IS ****NOT RECOMMENDED****. REFER TO THE NATIONAL ELECTRICAL CODE FOR APPROPRIATE LINE FUSE OR BREAKER SIZE.

OPTIONAL ITEMS:

THE **TEMPEST-AIRE**® CFMA SERIES UNITS MAY BE PURCHASED WITH OPTIONAL LIGHTS AND ELECTRICAL RECEPTACLES AS PART OF THIS EQUIPMENT. WHEN THESE OPTIONS ARE PROVIDED THE ELECTRICAL CIRCUITS MAY BE SEPARATELY FUSED WITH **CLASS "G" FUSES**. IF FUSES MUST BE REPLACED **REPLACE WITH THE SAME TYPE AND AMPERAGE FUSE**.

HOW TO CLEAN STAINLESS STEEL

THE FOLLOWING INFORMATION WAS TAKEN FROM A PAMPHLET BY MR. RICHARD E. PARET, STAINLESS STEEL SPECIALIST, AMERICAN IRON AND STEEL INSTITUTE.

STAINLESS STEEL IS ONE OF THE EASIEST MATERIALS TO CLEAN AND KEEP CLEAN.

THE REASONS FOR STAINLESS STEEL'S EASE OF CLEANING ARE EASY TO SEE; THEY LIE IN THE NATURE OF THE METAL ITSELF.

1. IT'S HARD, TOUGH SURFACE. STAINLESS STEEL WILL WORK HARDER, THAT IS, THE MORE IT IS USED, THE MORE RESISTANT TO WEAR IT BECOMES. STAINLESS STEEL WILL NOT DEVELOP ROUGH SPOTS THAT HARBOR BACTERIA AND SOIL.

2. HIGH CORROSIVE RESISTANCE. STAINLESS STEEL IS PRACTICALLY UNTOUCHED BY THE CORROSIVE ATTACKS OF MOISTURE, DETERGENTS, FOOD ACIDS, BLOOD, SALTS AND OTHER CORRODENTS CONNECTED WITH FOOD. THIS MEANS THAT STAINLESS STEEL ALWAYS HAS A BRIGHT SURFACE FREE FROM OXIDES THAT CAN AFFECT THE FLAVOR OF FOODS.

THE SECRET OF MAINTAINING STAINLESS STEEL IS FREQUENT, SCHEDULED CLEANING THAT WILL PREVENT BUILD UP OF SURFACE DEPOSITS. SURFACE DEPOSITS, IF ALLOWED TO REMAIN FOR LONG PERIODS OF TIME CAN HARM STAINLESS STEEL. STAINLESS STEEL THRIVES ON EXPOSURE TO AIR; UNDER CERTAIN CONDITIONS, THE LENGTHY DEPRIVATION OF OXYGEN BY HEAVY SOIL DEPOSITS CAN CAUSE LOCALIZED PITTING OR STAINING.

NEGLECTING THE MATERIAL IN THIS MANNER IS **DEFINITE ABUSE** WHICH EVEN STAINLESS STEEL IS NOT IMMUNE.

TWO BASIC RULES:

1. CLEAN FREQUENTLY, AND ON A FIXED SCHEDULE.
2. SELECT THE SIMPLEST METHOD.

TO REMOVE ORDINARY DIRT AND FOOD RESIDUE FROM STAINLESS STEEL EQUIPMENT THAT OPERATES AT LOW TEMPERATURES, USE ORDINARY SOAP AND WATER AND APPLY WITH A SPONGE, FIBER BRUSH OR CLOTH. TO HASTEN ACTION, ADD EITHER SODA ASH, BAKING SODA, BORAX OR ANY OF SEVERAL NON-ABRASIVE COMMERCIAL CLEANSING AGENTS.

TO REMOVE SPLATTER OR CONDENSED VAPOR WHICH HAVE "BAKED" ONTO THE EQUIPMENT, THE TREATMENT OUTLINED ABOVE IS OFTEN SUFFICIENT. IN OTHER CASES A GENTLE TO VIGOROUS POLISHING ACTION MAY BE NECESSARY.

FIRST TRY A PASTE MADE WITH WATER AND AMMONIA AS THE LIQUID AND EITHER MAGNESIUM OXIDE, FINELY POWDER PUMICE OR FRENCH CHALK AS THE SOLID. YOU CAN ALSO USE ONE OF SEVERAL COMMERCIAL CLEANERS LISTED IN THE FOLLOWING TABLE.

RUB AS GENTLY AS POSSIBLE IN THE DIRECTION OF THE POLISHING MARKS ON THE STEEL, USING A SOFT CLOTH. FOR MORE RESISTANT DEPOSITS, USE A STAINLESS STEEL SCOURING SPONGE OR STAINLESS STEEL WOOL OF THE FINEST POSSIBLE TEXTURE.

WHAT NOT TO DO:

DO NOT USE COMMON STEEL WOOL, SCOURING PADS, SCRAPERS, WIRE BRUSHES, FILES OR OTHER STEEL TOOLS, SINCE THESE CAN MAR THE STAINLESS STEEL. THESE PARTICLES WILL EVENTUALLY RUST AND STAIN THE SURFACE, AND YOU MAY HAVE TO REFINISH IT.

HOW TO CLEAN STAINLESS STEEL (CONT.)

SLIGHTLY DARKENED AREAS SOMETIMES APPEAR ON STAINLESS STEEL SURFACES WHERE HEAT HAS BEEN APPLIED DURING FABRICATION OR IN SERVICE.

THESE ARE CAUSED BY THICKENING OF THE PROTECTIVE SURFACE OF STAINLESS STEEL, AND ARE NOT HARMFUL. REMOVAL CALLS FOR ENERGETIC SCOURING, AGAIN USING A STAINLESS STEEL WOOL OR SCOURING PAD, COMBINED WITH A SCOURING POWDER OR ONE OF THE HEAT-TINT REMOVERS LISTED IN THE TABLE.

THREE RULES WILL PREVENT HEAT TINTING:

- 1) USE ONLY ENOUGH HEAT TO DO THE JOB EFFICIENTLY.
- 2) DO NOT APPLY HEAT TO EMPTY EQUIPMENT.
- 3) AVOID CONCENTRATING HEAT ON A SMALL AREA.

CAUTION IS ADVISED

IN STERILIZING STAINLESS STEEL EQUIPMENT, PAY PARTICULAR ATTENTION TO AGENTS CONTAINING CHLORINE COMPOUNDS SUCH AS POTASSIUM HYPOCHLORITE. THESE COMPOUNDS MAY BREAK DOWN AND RELEASE FREE CHLORINE, OR HYDROLYZE TO FORM HYDROCHLORIC ACID.

STAINLESS STEEL RESISTS ATTACK BY SUCH COMPOUNDS FOR UP TO TWO HOURS. SEVERE LOCALIZED PITTING MAY OCCUR FROM LONGER EXPOSURE. FOR SAFE USE OF THESE AGENTS, KEEP CONTACT TIME SHORT, FLUSH THOROUGHLY WITH WATER, AND OPERATE EQUIPMENT NORMALLY BETWEEN APPLICATIONS. USING THESE PRECAUTIONS, THE STERILIZATION PROCESS CAN BE REPEATED ANY NUMBER OF TIMES.

**Cleaners and their effect on
stainless steel**

Cleaning agent	Method of Application	Effect on finish
1. Tightly adhering deposits of "baked on" spatter, oil, grease, weather stain, dyes or other light discoloration may be removed with any of the following cleaners.		
Grade FFF Italian pumice whiting or bon ami	scour or rub with damp cloth	satisfactory for all finishes use light pressure on no.7
Liquid NuSteel	scour with small amount on dry cloth	satisfactory for all finishes if rubbing pressure is light
Paste NuSteel or Temp	scour with small amount on dry cloth	satisfactory for no. 4 finish. Will scratch no.7
House hold cleaners such as Old Dutch, Sunbrite, Wyandotte, Bob-O, Gold Dust and Sapolio	Rub with damp cloth	Will scratch no. 4 finish slightly
Grade F Italian Pumice	Rub with damp cloth	Will scratch no.4 finish slightly
Cooper's stainless steel polish	Rub with damp cloth	Satisfactory for no.4 finish
Allen stainless steel polish	Rub with damp cloth	Scratches considerably but leaves mirror reflection
Best Effect Chemical Co. cleaner & Passivator	Rub with damp cloth	May scratch no.4 finish slightly
2. Heat tint or heavy discoloration with the following (see notes below)		
Allen stainless polish Birdsall's "Staybright"	Small amount on damp cloth Rub with damp cloth	Excellent heat tint remover Very good for heat tint removal. Does not scratch no.4 finish but does scratch no.7 finish
Wyandotte or Bob-O	Rub with damp cloth	Good for heat tint removal
Oxalic acid follow	Good discoloration or 5-15% nitric acid or neutralizer rinse	Swab or immerse. Always with a 5% sodium carbonate remover
Best Effect Chemical Co. Cleaner & Passivator	Rub with damp cloth	May scratch no 4 finish but leaves clean surface

**CLEANERS AND THEIR EFFECT ON
STAINLESS STEEL
(Cont.)**

Cleaning agent	Method of Application	Effect on Finish
3. The following detergents and solvents are excellent removers of grease, oil and fatty acids, where swabbing or rubbing is not practical.		
4 to 6% solution of (sodium Metasilicate) (Trisodium Phosphate) (Sodium Metaphosphate) (Sodium Pyrophosphate)		All excellent removers of grease, oil, and milkstone
5-15% caustic soda (hot or cold)		Will remove grease and milkstone
4. The following organic solvents may be used for removing oils and grease deposits:		
Carbon-tetrachloride, Naphtha, Trichlorethylene Acetone, Kerosene, Gasoline, Ether, Alcohol, Benzene		No affect on finish However, take all precautions against fire.

Notes: ordinary wool or steel brushes should never be used on stainless steel surfaces. Particles of steel may become imbedded in the stainless steel surface, and rusting of these particles will eventually appear as stains. Use stainless steel wool or sponge on stainless steel equipment. Heat tint removers will usually scratch stainless steel surfaces. This, however, is necessary in removing heat tint by hand. Oakite, a fibrous material, may be used in place of metal sponges or cloth pads for applying cleaners and polishes. This material is effective in aiding in removal of milkstone.

For heavy hard water deposits, 15-20% (by volume) nitric acid is very effective. Acid treatment should be followed by a thorough water rinse.

The action of soldering fluxes should be neutralized immediately with a 5% sodium carbonate solution.

Soap and water followed by a water rinse will not harm stainless steel.

**Preventative Maintenance of COLORPOINT
Equipment**

To insure that your equipment will continue to operate properly, please follow these simple steps:

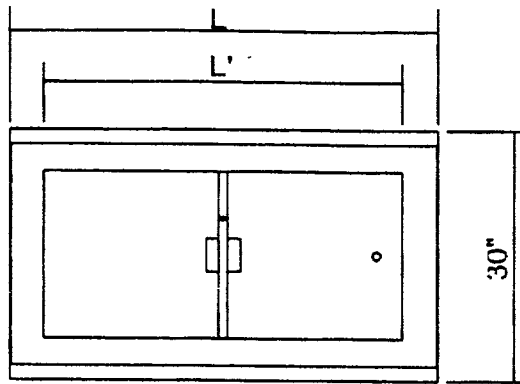
- #1** Make sure that the FILTER in the louvered panel is always kept clean of dust and dirt. Failure to do this will cause compressor to overheat and may cause compressor failure, and will also VOID ANY FACTORY WARRANTY on compressor.
- #2** MODELS CTAM, CTAL, CTAD AND CPM-BFD. To insure proper operation of these units, periodically check the evaporator unit coolers to ensure that the air intakes and the discharge areas are kept clean and clear. If the air fan intakes or discharge become blocked with wrappings or debris this will cause the coils located inside the unit coolers to freeze and the temperature in the unit will rise.
- #3** MODELS CTAL AND CTAD. To insure proper operation the defrost timers must be set properly. The factory recommends four (4) fifteen (15) minute defrost cycles. These should be set for low peak periods. During defrost cycle the temperature indicating device will rise above the freezing point. This is normal for this system. The product temperature will not be adversely affected because this system will recover to the proper operational temperature within 15 to 30 minutes. Note: the system is provided with a two indicator lights. The Green indicator shows that power switch to the system is on. The Red indicator shows that the system is in defrost. Make sure that the system has If these defrost cycles are not set properly this unit will not perform properly. An additional defrost cycle may be required if you are in a HIGH humidity environment.
- #4** MODELS CFM, CFT, CFMX, AND CTAM. Factory recommends that these units be defrosted at least once a day. Also, refer to step #1.
- #5** MODEL CPT-R. Refer to steps #1, and step #4
- #6** MODELS CFMA. When cleaning these units is important to remove the power to the circulation fan and remove it from the unit. If the fan unit becomes wet, dry the fan assembly before applying power.

For more cleaning information on these models, see the section on "CLEANING" in this manual.

COLORPOINT

5-02

BY LOW TEMP INDUSTRIES
JONESBORO, GEORGIA

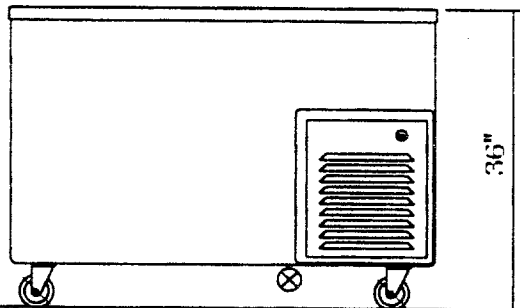


TOP VIEW

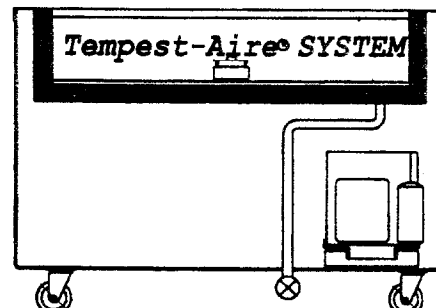
TEMPEST-AIRE, PATENT NO. 5,388,429
BY LOW TEMP INDUSTRIES
CFMA SERIES COLD FOOD TABLE

THIS DESIGN MAINTAINS ITS COMPARTMENT
TEMPERATURE BY THE USE OF OUR
PATENTED **TEMPEST-AIRE**.

REFRIGERATION SYSTEM. THIS SYSTEM
PROVIDES A CHAMBER WHICH CIRCULATES
COLD AIR UP AROUND THE PRODUCT
RECEPTACLES AND WILL MAINTAIN A PRODUCT
TEMPERATURE OF 40 DEGREES OR LESS
IN AN AMBIENT OF 90 DEGREES F.



SIDE VIEW



SECTIONAL VIEW

MODEL	L	L'	H.P.	VOLTS	AMPS	NEMA PLUG TYPE	SHIPPING WT
CFMA-36-EB	36"	25-7/8"	1/3	120	7.6	5-15P	355
CFMA-50-EB	50"	39-3/4"	1/3	120	7.6	5-15P	430
CFMA-60-EB	60"	53-5/8"	1/3	120	8.5	5-15P	505
CFMA-66-EB	66"	53-5/8"	1/3	120	8.5	5-15P	535
CFMA-74-EB	74"	67-5/8"	1/3	120	8.5	5-15P	580
CFMA-96-EB	96"	81-1/8"	1/2	120	11.3	5-15P	655

TOP: 14 GAUGE STAINLESS STEEL WITH SQUARE TURN DOWNS ON ALL SIDES AND CORNERS FULLY WELDED AND GROUND AND POLISHED TO A #4 SATIN FINISH WITH ALL EDGES HAVING A #7 HI-LIGHT FINISH.

BODY: SEAMLESS MOLDED FIBERGLASS (F.R.P.) WITH SMOOTH EXTERIOR SURFACE AND ROUNDED CORNERS. ALL FIBERGLASS TO BE FLAME RETARDANT PER SPECIFICATIONS ASTM-E-162 HAVING A FLAME SPREAD OF 25 OR LESS.

MECHANICALLY COOLED COLD PAN: TO BE A WATERTIGHT INTERIOR LINER OF STAINLESS STEEL 9" DEEP. TO BE REFRIGERATED BY THE PATENTED TEMPEST-AIRE REFRIGERATION SYSTEM. THE SYSTEM SHALL INCLUDE A LOW VELOCITY AXIAL FAN WITH AN ADVANCED COLD WALL DESIGN OPERATING ON R-507 REFRIGERANT. THIS UNIT IS CAPABLE OF HOLDING AN OPEN PRODUCT TEMPERATURE OF 40 DEGREES F. OR LESS IN AMBIENTS UP TO 90 DEGREES F. THE PAN IS FULLY INSULATED WITH URETHANE INSULATION AND THE TOP SHALL BE SEPERATED FROM THE PAN BY A FULL PERIMETER BREAKER STRIP. THE COLD PAN SHALL HAVE A 1" OPEN BRASS DRAIN WITH EXTENSION TO SHUT OFF VALVE BELOW BODY.

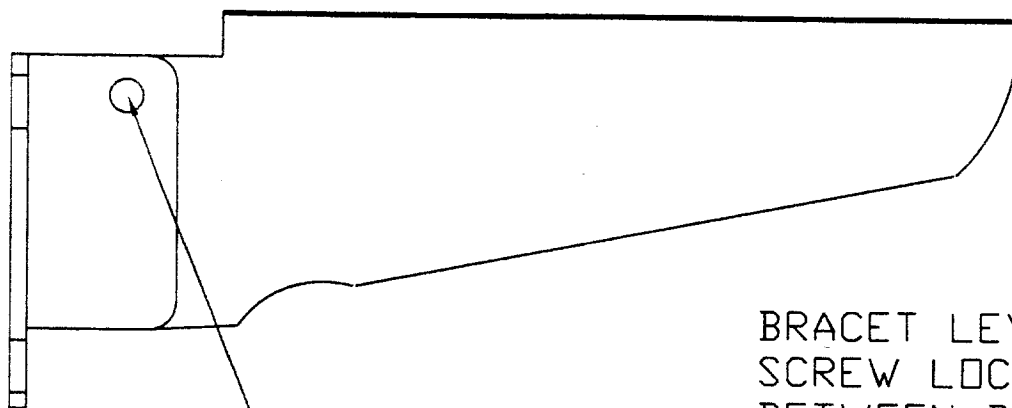
COMPRESSOR COMPARTMENT: SHALL HAVE TWO (2) STAINLESS STEEL EXTERIOR FRAMES COMPLETE WITH REMOVABLE LOUVERS TO PROVIDE A POSITIVE CROSS VENTILATION IN THE COMPARTMENT.

CONDENSING UNIT: FULLY HERMETIC TYPE R-507 SYSTEM. COMPLETELY PREPARED WITH ALL NECESSARY CONTROLS FOR PROPER OPERATION. FACTORY TESTED AND MADE READY TO PLUG IN ON JOB SITE. THE CONDENSER (INTAKE SIDE) OF THE CONDENSING UNIT IS PROVIDED WITH A FILTER MEDIA TO PROTECT THE CONDENSER FINS FROM BECOMMING CLOGGED.

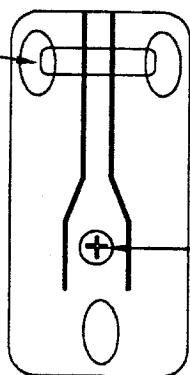
CASTERS: 4" DIAMETER BALL BEARING, SWIVEL TYPE, NON MARKING WITH BRAKES ON ALL WHELLS. CASTERS TO BE MOUNTED WITH INTERNAL AND EXTERNAL BRACING FOR MAXIMUM STRESS RELIEF.

APPROVALS: THIS UNIT IS LISTED BY UNDERWRITERS LABORATORIES FOR SAFETY AND CLASSIFIED BY UNDERWRITERS LABORATORIES BY SANITATION UNER NSF STD. 7 AND SHALL BEAR BOTH SEALS.

LOW TEMP INDUSTRIES
TYPICAL FOLD DOWN BRACKET
USED FOR BOTH TRAY SLIDES
AND CUTTING BOARDS

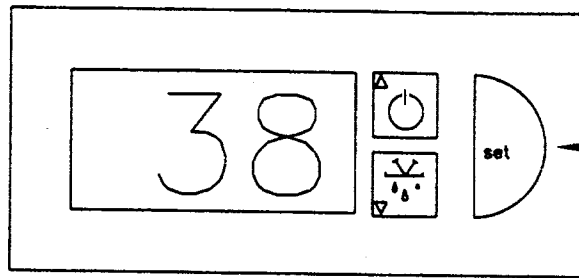


clevis pin



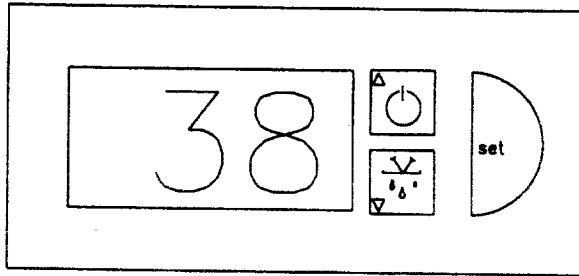
BRACKET LEVEL ADJUSTMENT
SCREW LOCATED ON HEEL PLATE
BETWEEN BRACKET SUPPORTS.
(3/8" ADJUSTMENT)

HOW TO ADJUST COREL THERMOSTAT



(1)

PRESS AND HOLD SET BUTTON FOR ONE SECOND

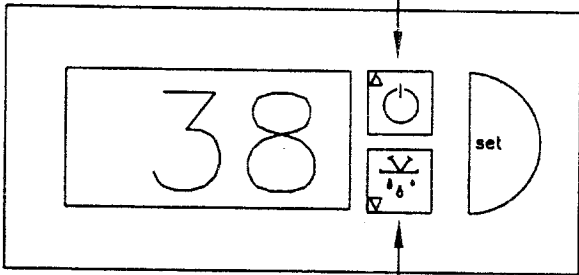


(2)

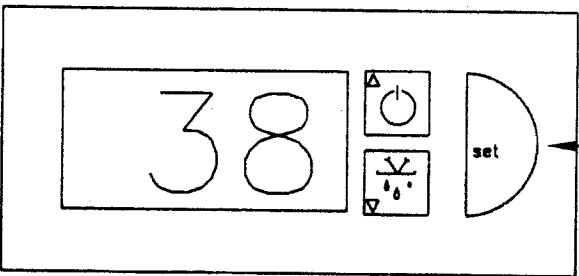
TEMPERATURE WILL FLASH

(3)

PRESS UP ARROW TO RAISE TEMPERATURE



PRESS DOWN ARROW TO LOWER TEMPERATURE

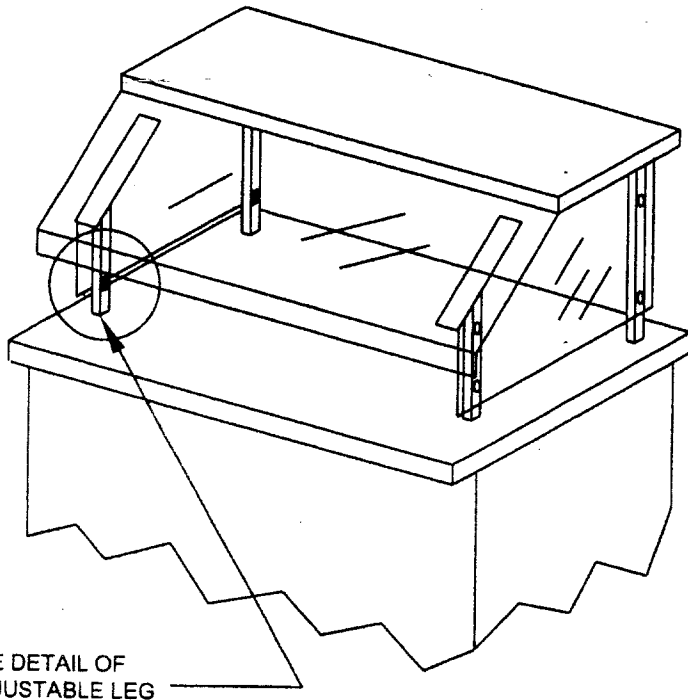


(4)

PRESS AND RELEASE SET BUTTON

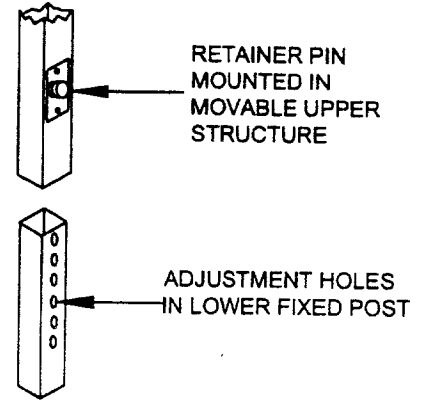
IF OTHER ADJUSTMENTS ARE NEEDED PLEASE CONSULT TECHNICAL SUPPORT AT FACTORY 770-478-8803

ORDER #: DRAWN BY: T. TAYLOR REVISIONS: SCALE:	LOW TEMP COLORPOINT MANUFACTURING	
	LOW TEMP INDUSTRIES, INC. • P.O. BOX 795 • JONESBORO, GA 30217-0795 • (770) 478-8803	
	PROJECT: COREL-THERMOSTAT	
	DEALER:	
DATE: 07-21-06	SHEET#	DWG# SPORLAN-THERMOSTAT



SEE DETAIL OF
ADJUSTABLE LEG

ADJUSTABLE BUFFET FOOD PROTECTOR



ADJUSTABLE LEG DETAIL

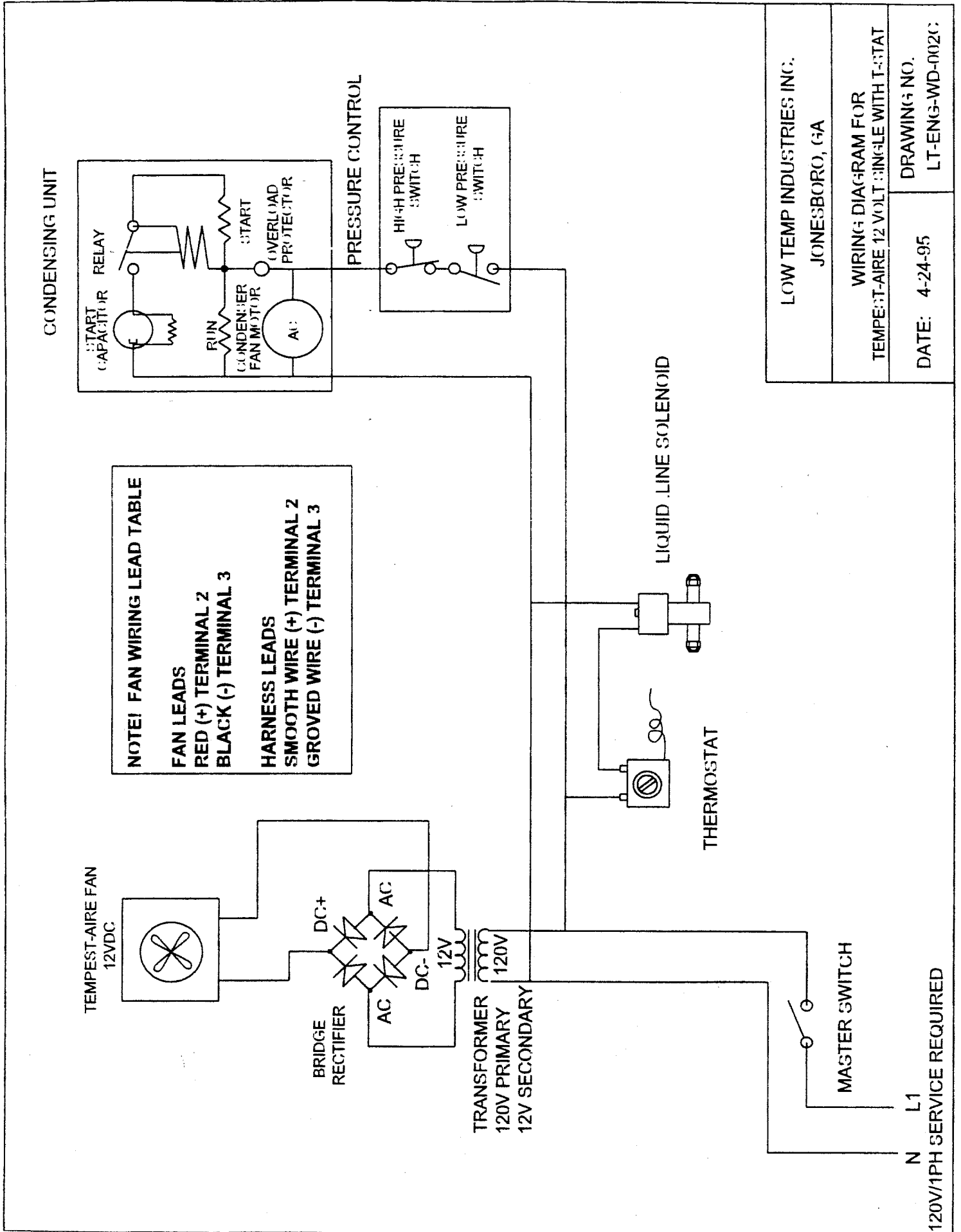
ADJUSTABLE BUFFET SHIELD INSTRUCTIONS

THIS UNIT IS PROVIDED WITH AN ADJUSTABLE BUFFET SHIELD. THE TOTAL ADJUSTMENT IS SIX (6) INCHES FROM ITS LOWEST POSITION IN ONE (1) INCH INCREMENTS.

TO ADJUST THE SHIELD PULL THE RETAINER PIN LOCATED ON EACH POST OUT. THE PIN WILL REMAIN IN THE OUT POSITION BY ROTATING IT ONE QUARTER (1/4) TURN. RAISE THE SHIELD TO THE DESIRED HEIGHT AND TURN RETAINER BACK TO ITS ORIGINAL POSITION.

NOTE! WHEN RAISING THE SHIELD BOTH ENDS MUST BE LIFTED AT THE SAME TIME. DO NOT FORCE THE POST OR PUT THE SYSTEM IN A BIND.

IF ELECTRICAL DEVICES ARE PROVIDED ON THE SHIELD, LOOSEN THE LOCKING COLLAR ON THE WIRE CHASE POST WHICH IS LOCATED BETWEEN THE MAIN SUPPORT POST AND SET IT FLUSH WITH THE COUNTER TOP.



LOW TEMP INDUSTRIES INC.
 JONESBORO, GA

WIRING DIAGRAM FOR
 TEMPEST-AIRE 12 VOLT SINGLE WITH T-STAT

DATE: 4-24-95
 DRAWING NO.
 LT-ENG-WD-002C

N L1
 120V/1PH SERVICE REQUIRED

NOTE! FAN WIRING LEAD TABLE

FAN LEADS

RED (+) TERMINAL 2

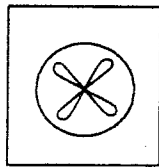
BLACK (-) TERMINAL 3

HARNES LEADS

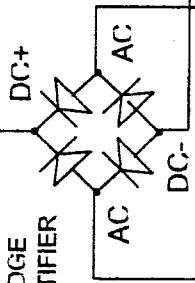
SMOOTH WIRE (+) TERMINAL 2

GROVED WIRE (-) TERMINAL 3

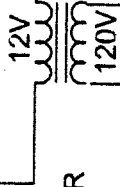
TEMPEST-AIRE FAN
12VDC



BRIDGE
RECTIFIER



TRANSFORMER
120V PRIMARY
12V SECONDARY



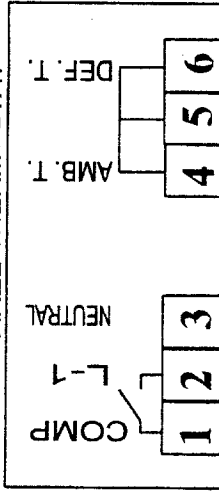
MASTER SWITCH



N L1

120V/1PH SERVICE REQUIRED

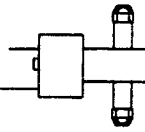
CAREL THERMOSTAT



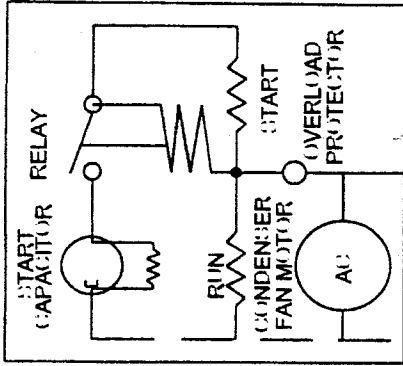
PROBE



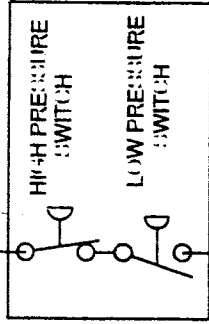
LIQUID LINE SOLENOID



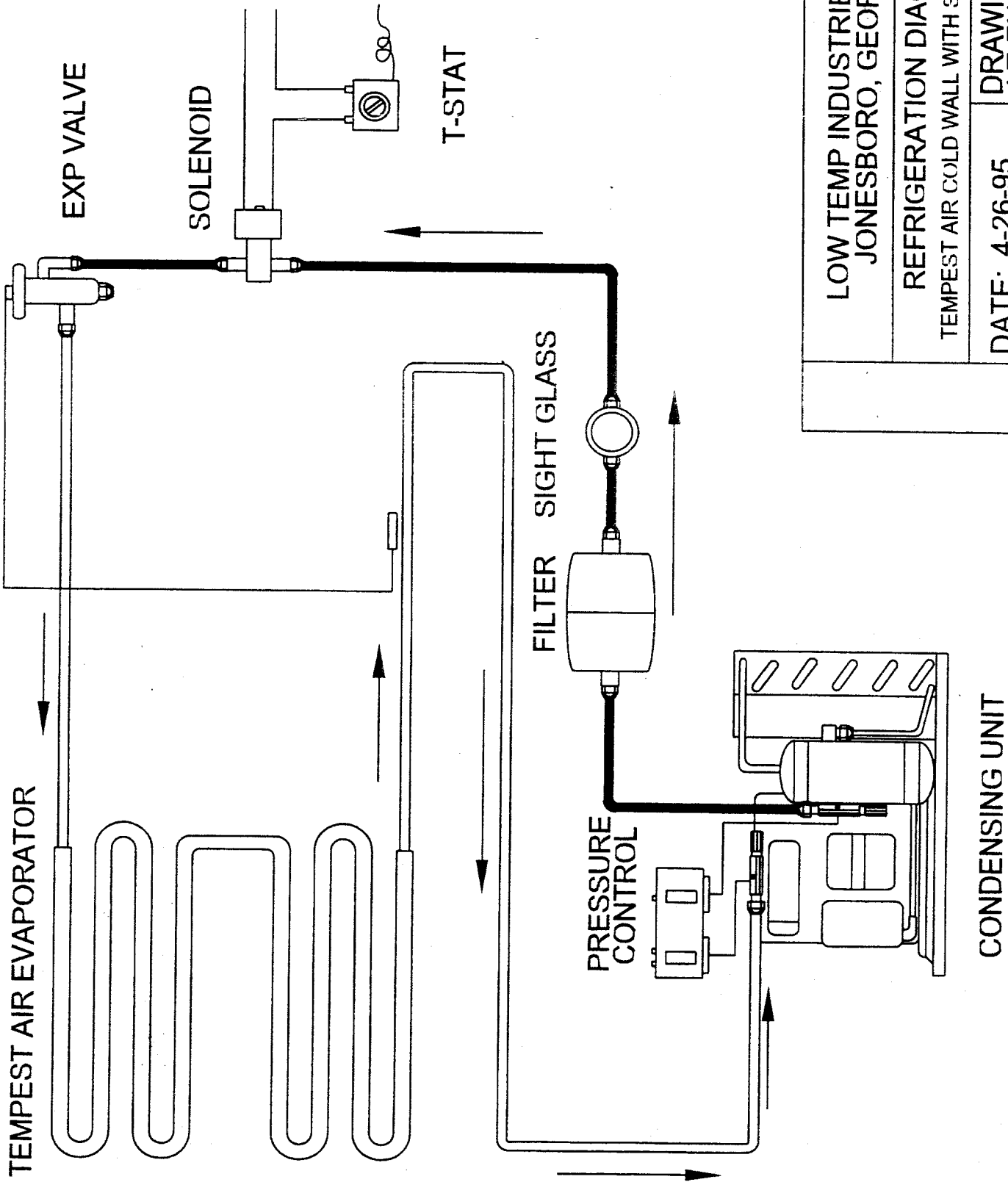
CONDENSING UNIT



PRESSURE CONTROL



LOW TEMP INDUSTRIES INC. JONESBORO, GA	
WIRING DIAGRAM FOR TEMPERATURE 12 VOLT SINGLE WITH T-STAT	DRAWING NO. LT-ENG-WD-002C
DATE: 3-10-10	



LOW TEMP INDUSTRIES INC.
 JONESBORO, GEORGIA

REFRIGERATION DIAGRAM

TEMPEST AIR COLD WALL WITH SOL & T-STAT

DATE: 4-26-95

DRAWING NO.
 LT-ENG-PD-002A

CONDENSING UNIT

REPLACEMENT PARTS LIST
Tempest-Aire 7
MODEL 36-CFMA, 50-CFMA, 60-CFMA, 74-CFMA AND 96-CFMA
(THIS SYSTEM USES R-507 REFRIGERANT)

ITEM NO.	DESCRIPTION	STOCK NO.	MFG. NO.	MANUFACTURER
1	CONDENSING UNIT	311946	M4CL-0040-IAA	COPELAND
1A	CONDENSING UNIT	311945	M4CL-0035-IAA	COPELAND
1B	CONDENSING UNIT (USED WITH 96CFMA)	311930	M4FF-0056-IAA	COPELAND
1C	COMPRESSOR	311999	AFE13C3E-IAA	COPELAND
1D	COMPRESSOR	311950	RST45C1E-IAA	COPELAND
2	PRESSURE CONTROL	280610	012-4834-000	RANCO
3	FILTER / DRIER	282310	C-052-S-T	SPORLAN
4	SIGHT GLASS	282400	SA-12S	SPORLAN
5	EXPANSION VALVE	282572	Y1017-FP-1/6-ZP	SPORLAN
5A	EXPANSION VALVE	282579	Y1193-BIP-1/8-ZP	SPORLAN
6	LIQUID LINE SOLENOID	281610	E3S120W/ MCK-1-120V	SPORLAN
7	AXIAL FAN (IN PAN)	312387	AQ1212HB-F51	JARO
7A	FEMALE CORD SET	312416		
7B	MALE CORD SET	312415		
8	120V/12V TRANSFORMER	312391	E1-60-AS3-9996	JARD
9	BRIDGE RECTIFIER	312392	GBPC2502	FAIRCHILD
10	TOGGLE SWITCH	335900	90-0001	McGILL
11	AXIAL FAN	312400	70546290	CROUZET
11A	FAN CORD	912390		
12	THERMOSTAT	280820	K12L- 154800	RANCO
12A	THERMOSTAT	280860	PJEZSNH100	CAREL
12B	PROBE	280865	NTC030HP00	CAREL

ADDITIONAL OPTIONS AVAILABLE

13	LIGHT SWITCH	335900	900-0001	McGILL
14	FLUORESCENT FIXTURE	360700	L99-1900LT	CHG
15	FLUORESCENT BULB	358100	F15T8/CW	SYLVANIA
16	FUSE HOLDER 15 AMP	358210	572027P	LITTLE FUSE
17	FUSE 10A	513860	SLC-10 CLASS G	LITTLE FUSE
18	FUSE 15A	513870	SLC-15 CLASS G	LITTLE FUSE
19	FUSE HOLDER 20 AMP	358210	572007P	LITTLE FUSE
20	FUSE 20A	513880	SLC-20 CLASS G	LITTLE FUSE

NOTE! REPLACE WITH SAME TYPE AND AMPERAGE FUSE. CHECK YOUR UNIT FOR THE SPECIFIC FUSE USED.

BASIC SYSTEM OPERATION (REFRIGERATION SYSTEM)

FOLLOWING SECTION IS DESIGNED TO GIVE A BASIC WORKING KNOWLEDGE OF OUR SYSTEM. IT SHOULD NOT BE USED AS A TRAINING MANUAL FOR NON QUALIFIED REFRIGERATION TECHNICIANS.

ALL COLORPOINT REFRIGERATED EQUIPMENT EMPLOY A COMPRESSION CYCLE SYSTEM. THERE ARE TWO PRESSURES WHICH EXIST IN A COMPRESSION SYSTEM; THE EVAPORATING OR LOW PRESSURE, AND THE CONDENSING OR HIGH PRESSURE.

THE REFRIGERANT WORKS AS A TRANSPORTATION MEDIUM TO MOVE HEAT FROM THE EVAPORATOR TO THE CONDENSER WHERE IT IS GIVEN OFF TO THE AMBIENT AIR. THE CHANGE OF STATE FROM LIQUID TO VAPOR AND BACK ALLOWS THE REFRIGERANT TO ABSORB AND DISCHARGE LARGE QUANTITIES OF HEAT EFFICIENTLY.

THE BASIC SYSTEM OPERATES AS FOLLOWS:

HIGH PRESSURE LIQUID REFRIGERANT IS FED FROM THE RECEIVER THROUGH THE LIQUID LINE AND THROUGH THE FILTER DRIER AND SIGHT GLASS TO THE EXPANSION VALVE WHICH WORKS AS A METERING DEVICE SEPARATING THE HIGH PRESSURE SIDE OF THE SYSTEM FROM THE LOW PRESSURE EVAPORATOR.

THE THERMOSTATIC EXPANSION VALVE CONTROLS THE FEED OF LIQUID REFRIGERANT TO THE EVAPORATOR, AND BY MEANS OF AN ORIFICE REDUCES THE PRESSURE OF THE REFRIGERANT TO THE EVAPORATING OR LOW PRESSURE SIDE.

THE REDUCTION OF PRESSURE ON THE LIQUID REFRIGERANT CAUSES IT TO BOIL OR VAPORIZE UNTIL THE REFRIGERANT IS AT THE SATURATED TEMPERATURE CORRESPONDING TO ITS PRESSURE. AS THE LOW TEMPERATURE REFRIGERANT PASSES THROUGH THE EVAPORATOR COIL, HEAT FLOWS THROUGH THE WALLS OF THE EVAPORATOR TUBING TO THE REFRIGERANT, CAUSING THE BOILING ACTION TO CONTINUE UNTIL THE REFRIGERANT IS COMPLETELY VAPORIZED.

THE EXPANSION VALVE REGULATES THE FLOW THROUGH THE EVAPORATOR AS NECESSARY TO MAINTAIN A PRESET TEMPERATURE DIFFERENCE OR SUPER HEAT BETWEEN THE EVAPORATING REFRIGERANT AND VAPOR LEAVING THE EVAPORATOR. AS THE TEMPERATURE OF THE GAS LEAVING THE EVAPORATOR VARIES THE EXPANSION VALVE POWER ELEMENT BULB SENSES ITS TEMPERATURE, AND ACTS TO MODULATE THE FEED THROUGH THE EXPANSION VALVE AS REQUIRED.

THE REFRIGERANT VAPOR LEAVING THE EVAPORATOR TRAVELS THROUGH THE SUCTION LINE TO THE COMPRESSOR INLET. THE COMPRESSOR TAKES THE LOW PRESSURE VAPOR AND COMPRESSES IT, INCREASING BOTH THE PRESSURE AND THE TEMPERATURE. THE HOT, HIGH PRESSURE GAS IS FORCED OUT THE COMPRESSOR DISCHARGE VALVE AND INTO THE CONDENSER.

AS THE HIGH PRESSURE GAS PASSES THROUGH THE CONDENSER, IT IS COOLED BY A FAN BLOWING OVER A FIN-TYPE CONDENSER SURFACE. AS THE TEMPERATURE OF THE REFRIGERANT VAPOR REACHES THE SATURATION TEMPERATURE CORRESPONDING TO THE HIGH PRESSURE IN THE CONDENSER, THE VAPOR CONDENSES INTO A LIQUID AND FLOWS BACK INTO THE RECEIVER TO REPEAT THE CYCLE.

THE REFRIGERATION PROCESS IS CONTINUED AS LONG AS THE COMPRESSOR OPERATES. THE COMPRESSOR OPERATION IS CONTROLLED BY A LOW PRESSURE CONTROL. WHEN THE REFRIGERANT VAPOR ENTERING THE SUCTION SIDE OF THE COMPRESSOR REACHES A PRESET VALUE ON THE CONTROL, IT WILL OPEN A SET OF CONTACTS AND SHUT THE COMPRESSOR OFF.

THE LOW PRESSURE IS SET BY A "CUT-IN" AND A "DIFFERENTIAL" SETTING. THE "CUT-IN" IS THE PRESSURE AT WHICH YOU WANT THE COMPRESSOR TO START. THIS PRESSURE CORRESPONDS TO THE TEMPERATURE OF THE EVAPORATOR SURFACE WHICH MUST BE MAINTAINED. NOTE THAT AS A RULE OF THUMB ALL COLORPOINT UNITS HAVE APPROXIMATELY A 10 DEGREE FAHRENHEIT TEMPERATURE DIFFERENCE. BETWEEN THE EVAPORATOR COILS AND THE WORKING SURFACE. SO THE PRESSURE CORRESPONDING TO THE "CUT-IN" SHOULD BE 10 DEGREES LESS THAN THE OPERATING TEMPERATURE OF THE REFRIGERATED SURFACE. TO CUT THE UNIT OFF THE "DIFFERENTIAL" SETTING IS USED. FIRST CHOOSE THE TEMPERATURE SETTING AT WHICH YOU WANT THE UNIT TO CUT OFF. THEN SUBTRACT FROM THE "CUT-IN" SETTING. THAT IS THE VALUE OF THE DIFFERENTIAL.

REFRIGERATION SERVICE CHART

<u>COMPLAINT</u>	<u>PROBLEM</u>	<u>SOLUTION</u>
A. COMPRESSOR WILL NOT START	<ol style="list-style-type: none"> 1. LINE DISCONNECT SWITCH OPEN 2. FUSE REMOVED OR BLOWN 3. CONTROL STUCK IN OPEN POSITION 4. CONTROL OFF DUE TO COLD LOCATION 	<ol style="list-style-type: none"> 1. CLOSE START OR DISCONNECT SWITCH 2. REPLACE FUSE 3. REPAIR OR REPLACE CONTROL 4. RELOCATE CONTROL
B. COMPRESSOR WILL NOT START, HUMS BUT TRIPS OVERLOAD PROTECTOR	<ol style="list-style-type: none"> 1. LOW VOLTAGE TO UNIT 2. STARTING CAPACITOR DEFECTIVE 3. RELAY FAILING TO CLOSE 4. COMPRESSOR MOTOR HAS A WINDING OPEN OR SHORTED 5. INTERNAL MECHANICAL TROUBLE IN COMPRESSOR 	<ol style="list-style-type: none"> 1. CALL POWER SUPPLIER 2. REPLACE CAPACITOR 3. REPLACE RELAY 4. REPLACE COMPRESSOR 5. REPLACE COMPRESSOR
C. COMPRESSOR STARTS BUT DOES NOT SWITCH OFF OF START WINDING	<ol style="list-style-type: none"> 1. LOW VOLTAGE TO UNIT 2. RELAY FAILING TO OPEN 3. RUN CAPACITOR DEFECTIVE 4. EXCESSIVELY HIGH DISCHARGE OVERCHARGE OR INSUFFICIENT 5. COMPRESSOR MOTOR HAS A WINDING OPEN OR SHORTED 6. INTERNAL MECHANICAL TROUBLE IN COMPRESSOR (TIGHT) 	<ol style="list-style-type: none"> 1. CALL POWER SUPPLIER 2. REPLACE RELAY 3. REPLACE CAPACITOR 4. CHECK DISCHARGE SHUT COOLING CONDENSER. 5. REPLACE COMPRESSOR 6. REPLACE COMPRESSOR
D. COMPRESSOR STARTS AND RUNS, BUT SHORT CYCLES ON OVERLOAD PROTECTOR	<ol style="list-style-type: none"> 1. LOW VOLTAGE TO UNIT 2. OVERLOAD PROTECTOR DEFECTIVE 3. RUN CAPACITOR DEFECTIVE 4. EXCESSIVE DISCHARGE PRESSURE 5. COMPRESSOR TOO HOT, RETURN GAS HOT 6. COMPRESSOR MOTOR HAS A WINDING SHORTED 	<ol style="list-style-type: none"> 1. CALL POWER SUPPLIER 2. CHECK CURRENT, REPLACE PROTECTOR 3. REPLACE CAPACITOR 4. CHECK VENTILATION, RESTRICTIONS IN COOLING MEDIUM, RESTRICTIONS IN REFRIGERANT SYSTEM 5. CHECK REFRIGERANT CHARGE (FIX LEAK IF NECESSARY) 6. REPLACE COMPRESSOR
E. UNITS RUNS OK, BUT SHORT CYCLES ON:	<ol style="list-style-type: none"> 1. OVERLOAD PROTECTOR 2. THERMOSTAT 3. HIGH PRESSURE CUT OUT DUE TO: <ol style="list-style-type: none"> A. INSUFFICIENT AIR B. OVERCHARGE C. AIR IN SYSTEM 4. LOW PRESSURE CUT-OUT DUE TO: 	<ol style="list-style-type: none"> 1. SEE D-2 ABOVE 2. DIFFERENTIAL SET TOO CLOSE, WIDEN 3A. CHECK AIR SUPPLY TO CONDENSER 3B. REDUCE REFRIGERANT CHARGE 3C. PURGE

**REFRIGERANT SERVICE CHART
(CONT.)**

<u>COMPLAINT</u>	<u>PROBLEM</u>	<u>SOLUTION</u>
	A. UNDERCHARGED	4A. FIX LEAK AND ADD REFRIGERANT
	B. EXPANSION VALVE OUT OF ADJUSTMENT.	4B. RE-ADJUST VALVE
	C. RESTRICTION IN EXPANSION VALVE.	4C. REPLACE VALVE
F. UNIT OPERATES LONG OR CONTINUOUSLY	1. SHORTAGE OF REFRIGERANT	1. FIX LEAK, ADD CHARGE
	2. CONTROL CONTACTS STUCK OR FROZEN CLOSED.	2. CLEAN CONTACTS, OR REPLACE CONTROL.
	3. REFRIGERANT OR AIR CONDITIONED SPACE HAS EXCESSIVE LOAD OR POOR INSULATION	3. DETERMINE FAULT AND CORRECT
	4. EVAPORATOR COIL ICED	4. DEFROST
	5. RESTRICTION IN REFRIGERANT SYSTEM	5. DETERMINE LOCATION AND REMOVE
	6. DIRTY CONDENSER	6. CLEAN CONDENSER
	7. FILTER DIRTY	7. CLEAN OR REPLACE
G. START CAPACITOR OPEN	1. RELAY CONTACTS NOT OPENING PROPERLY	1. CLEAN CONTACTS OR REPLACE IF NECESSARY
	2. PROLONGED OPERATION ON START CYCLE DUE TO: A. LOW VOLTAGE TO UNIT B. IMPROPER RELAY	2A. CALL POWER SUPPLIER 2B. REPLACE
	3. EXCESSIVE SHORT CYCLE	3. DETERMINE REASON FOR SHORT CYCLE (SEE E. AND CORRECT)
H. RUN CAPACITOR OPEN, SHORTED OR BLOWN	1. IMPROPER CAPACITOR	1. DETERMINE CORRECT SIZE AND REPLACE
	2. EXCESSIVELY HIGH LINE VOLTAGE (100% OF RATED-MAX)	2. CALL POWER SUPPLIER
I. SPACE TEMPERATURE TOO HIGH	1. CONTROL SETTING TOO HIGH	1. RESET (CONTROL)
	2. INADEQUATE AIR CIRCULATION	2. IMPROVE AIR MOVEMENT
J. SUCTION LINE FROSTED OR SWEATING	1. EXPANSION VALVE STUCK	1. CLEAN VALVE OF FOREIGN PARTICLES, REPLACE IF NECESSARY.
	2. EVAPORATOR FAN NOT RUNNING	2. DETERMINE REASON AND CORRECT
	3. OVERCHARGE OF REFRIGERANT	3. CORRECT CHARGE

ONE YEAR WARRANTY

ALL COLORPOINT FOOD SERVICE EQUIPMENT IS FULLY WARRANTED BY THE MANUFACTURER AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF PURCHASE BY THE ORIGINAL USER AND ONLY TO THE ORIGINAL PURCHASER PROVIDED IT IS INSTALLED AND OPERATED IN ACCORDANCE WITH THE INSTRUCTIONS SUPPLIED WITH THE UNIT. ALSO, IT MUST NOT BE MISUSED, ALTERED OR NEGLECTED AND USED ONLY ON CIRCUITS AND VOLTAGES REQUIRED FOR THAT UNIT.

OUR OBLIGATION UNDER THIS WARRANTY SHALL BE LIMITED TO ONE OF THE FOLLOWING PROCEDURES. SELECTION OF A PROCEDURE SHALL BE AT THE SOLE DISCRETION OF LOW TEMP INDUSTRIES INC.

LOW TEMP INDUSTRIES, INC. WARRANTY SERVICE DEPARTMENT MUST BE NOTIFIED PRIOR TO ANY SERVICE WORK OR COMPRESSOR REPLACEMENT FOR A WARRANTY AUTHORIZATION NUMBER. ANY REQUESTS FOR WARRANTY CLAIMS WITHOUT A WARRANTY AUTHORIZATION NUMBER, WILL NOT BE HONORED.

- A. REPLACEMENT OF DEFECTIVE PARTS, SHIPPED F.O.B. FACTORY, IN EXCHANGE FOR THE RETURNED DEFECTIVE PART, SHIPPED PREPAID FREIGHT.
- B. FREE REPLACEMENT OF DEFECTIVE PART, SHIPPED F.O.B. FACTORY.
- C. DEFECTIVE PART SHIPPED PREPAID FREIGHT TO FACTORY, REPAIRED AND RETURNED, SHIPPED F.O.B. . FACTORY.
- D. ALL LABOR COSTS SHALL BE COVERED FOR A PERIOD OF 1 YEAR FROM THE DATE OF PURCHASE.

LOW TEMP INDUSTRIES INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FIRE, FLOOD, WINDSTORM, OR ANY OTHER ACT OF GOD; WAR, WHETHER DECLARED OR UNDECLARED NOR SHALL WE BE RESPONSIBLE FOR THE LOSS OF FOOD OR OTHER PRODUCTS DUE TO POWER OR MECHANICAL FAILURE. THIS WARRANTY SHALL NOT COVER ANY DAMAGE CAUSED DURING SHIPMENT WHICH SHOULD BE REPORTED TO THE DELIVERING CARRIER.

COLORPOINT FIBERGLASS FOOD SERVICE EQUIPMENT

A DIVISION OF LOW TEMP INDUSTRIES INC.
9192 TARA BOULEVARD
JONESBORO, GEORGIA 30236
(770) 478-8803

FIVE YEAR COMPRESSOR WARRANTY

ALL COLORPOINT MECHANICALLY REFRIGERATED EQUIPMENT CARRIES AN EXTENDED COMPRESSOR WARRANTY BY LOW TEMP INDUSTRIES, INC.

THIS EXTENDED WARRANTY BEGINS ON THE EXPIRATION DATE OF THE ONE (1) YEAR WARRANTY BY THE COMPRESSOR MANUFACTURER AND WARRANTS THE COMPRESSOR AGAINST DEFECTS IN MATERIALS OR WORKMANSHIP FOR A PERIOD OF FOUR (4) YEARS TO THE ORIGINAL USER AND ONLY TO THE ORIGINAL PURCHASER PROVIDED IT IS INSTALLED AND OPERATED IN ACCORDANCE WITH THE INSTRUCTIONS SUPPLIED WITH THE UNIT.

THIS WARRANTY COVERS ONLY THE COMPRESSOR AND DOES NOT INCLUDE ANY RETURN SHIPPING CHARGES, OTHER TRANSPORTATION CHARGES, ANY EXTERNAL PARTS OR ELECTRICAL COMPONENTS, LABOR, REFRIGERANTS OR TAXES.

WARRANTY SHALL BE VOID IF THE UNIT HAS BEEN MISUSED, ALTERED OR NEGLECTED. THE SERIAL NUMBER SHALL NOT BE REMOVED OR DEFACED, AND THE UNIT SHALL BE USED ONLY ON CIRCUITS AND VOLTAGES REQUIRED FOR THAT UNIT.

OUR OBLIGATION UNDER THIS EXTENDED WARRANTY SHALL BE LIMITED TO ONE OF THE FOLLOWING PROCEDURES:

A. REPLACEMENT OF DEFECTIVE COMPRESSOR, SHIPPED FREIGHT PREPAID, IN EXCHANGE FOR THE RETURNED DEFECTIVE COMPRESSOR, SHIPPED PREPAID FREIGHT.

B. REPLACEMENT OF DEFECTIVE COMPRESSOR AT A LOCAL REFRIGERATION SUPPLY HOUSE, IN EXCHANGE FOR THE DEFECTIVE COMPRESSOR.

NO REPLACEMENT OF COMPRESSOR(S) WILL BE AUTHORIZED UNDER EXTENDED WARRANTY WITHOUT ACCURATE VERIFICATION OF SERIAL NUMBER(S) OF DEFECTIVE COMPRESSOR(S).

LOW TEMP INDUSTRIES, INC. MUST BE NOTIFIED PRIOR TO COMPRESSOR REPLACEMENT FOR A WARRANTY AUTHORIZATION NUMBER. ANY REQUESTS FOR WARRANTY CLAIMS WITHOUT A WARRANTY AUTHORIZATION NUMBER, WILL NOT BE HONORED.

THIS EXTENDED WARRANTY DOES NOT COVER ANY DAMAGES CAUSED BY FIRE, FLOOD, WINDSTORM, OR ANY OTHER ACT OF GOD; WAR, WHETHER DECLARED OR UNDECLARED NOR SHALL BE RESPONSIBLE FOR THE LOSS OF FOOD OR OTHER PRODUCTS DUE TO POWER OR MECHANICAL FAILURE.

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