



Container Refrigeration

FLAT RATE WARRANTY LABOR SCHEDULE

Container Products Equipment

NOTES

ALL SECTIONS

- AS-1** All job code times show the total time required to complete the repair listed and include all necessary related repair steps with no further time allowed. These include, but are not necessarily limited to: diagnosis, testing, rewiring, evacuation, dehydration, recharging, refrigerant recovery, gasket replacement, filter drier replacement, adjusting fluid levels, calibration, removal of other components to gain access to the failed components, etc.
- AS-2** Any physical deformation or damage is not covered under warranty.
- AS-3** Authorization required, contact your local area Container Service Engineering Office before doing this repair and obtain an authorization number to submit a warranty claim.
- AS-4** Overlapping repair times, as each repair code stands complete for each job there are times when jobs overlap such as changing a condenser coil and TXV both include evacuate, and recharge as well as the time to install a new filter drier. In these cases the labor should be reduced by the relevant code amount.

REFRIGERATION SYSTEM (RF Codes)

- RF-1** 511-200 series units do not have any service valves fitted. Therefore all times shown include: refrigerant system access, refrigerant recovery, evacuation, charging, filter drier change, oil top off, and system closure.
- RF-2** Low side components do not require refrigerant recovery. By following proper pump down steps, the system charge can be stored (within the condenser section of the refrigeration system) between the liquid line (King) valve and the compressor discharge service valve. Except 200 series units as noted above.
- RF-3** When the liquid line (King) valve is closed and the unit is properly pumped down, the filter drier, in-line moisture indicator (if equipped), heat exchanger, and TXV base, effectively become low side components. Except 200 series units as noted above.
- RF-4** Generally, a separate filter drier change is not allowed because it is included in all other related repair times. A filter drier is warrantable if the defect caused a complete loss of charge or if any major system component is replaced. Corroded or clogged filter driers are not warrantable items. **Contact your local area Container Service Engineering Office for authorization before using this code.
- RF-5** Generally, time for reclaim, evacuation/dehydration and charging are included in all repair codes listed that would require this action. In some specific cases this action by itself may be necessary. Prior authorization must be obtained from your local area Container Service Engineering Office before using this code as a stand-alone item on a claim.

ELECTRICAL SYSTEM (EL Codes)

- EL-1** Replacement of the fuse is only allowed in connection with another related electrical fault that led to the fuse opening and that is claimed on the same warranty.

COMPRESSOR (CP Codes)

- CP-1** Compressor rebuilding is not covered under warranty. Only operations shown are allowed for warranty repairs.
- CP-2** Authorization required, contact your local area Container Service Engineering Office before using this code. Generally this is only allowed with a positive acid test result or debris, such as metal fragments, that can be seen in the sight glass.

ENGINE (EN Codes)

- EN-1** Includes R & R Engine
- EN-2** Includes R & R Cylinder Head & Gasket.

		ThinLINE	ThinLINE	ThinLINE Hermetic	EliteLINE / StreamLINE	PrimeLINE	PrimeLINE	NaturaLINE	PrimeLINE
		69NT40-489-1xx 69NT40-511-3xx 69NT40-541-1xx 69NT40-541-3xx 69NT40-541-4xx	69NT40-541-5xx	69NT40-541-2xx	69NT40-531 69NT40 551	69NT40-561-0xx 69NT40-561-1xx	69NT40-561-2xx 69NT40-561-3xx 69NT40-561-5xx 69NT40-565-2xx 69NT40-565-5xx	69NT40-601	69NT40-571-1xx
Code	Description								
	Refrigeration System						69NT		
RF100*	Condenser Coil / Gas Cooler	4.00	3.50	5.50	4.00	4.00	3.50	3.50	4.00
RF101*	Evaporator Coil (or) Remote Evaporator Coil	6.00	6.00	7.50	6.00	6.00	6.00	6.00	6.00
RF102*	Heat Exchanger/Economizer	2.75	2.75	3.50	2.75	2.75	2.75		2.75
RF103*	Receiver/Water-Cooled Condenser (WCC)	2.00	2.00	4.00	2.00	2.00	2.00	2.50	2.00
	Water Pressure Switch (See Job EL201)								
RF104*	Receiver / WCC Sight Glass	1.50	1.50		1.50	1.50	1.50		1.50
RF105*	Additional Sight Glass	0.25	0.25		0.25	0.25	0.25		0.25
RF106*	Oil Separator Tank				2.25				
RF107*	Flash Tank							1.75	
RF200*	Pressure Gauge, Any Individual System (Suction or Discharge)	0.50	0.50		0.50	0.50	0.50		0.50
RF201*	Gauge Line , Any Individual System (Suction or Discharge)	0.25	0.25		0.25	0.25	0.25		0.25
RF202*	Pressure Transducer Any Individual (Suction,Discharge, or Flash Tank)	0.50	0.50	0.50	0.50	0.50	0.50	1.25	0.50
RF203*	Filter Drier (See Note RF-4 before using this job code)	0.50	0.50	2.25	0.50	0.50	0.50	1.00	0.50
RF204*	In-line Moisture Indicator	1.75	1.75	3.50	1.75	1.75	1.75		1.75
RF205*	Fusible Plug / Rupture Disc./ Pressure Relief Valve / Plug	1.50	1.50	3.00	1.50	1.50	1.50	1.25	1.50
RF206*	Replace Process Tube			3.25					
RF300*	Discharge Press. Regulator (DPRV)	2.25		4.25					
RF301*	Valves – Discharge or Economizer Service	2.00	2.00		2.00	2.00	2.00		2.00
RF302*	Valves - Digital Unloader (DUV), Digital Loader (DLV)					1.75	1.75		1.75
RF304*	Valves – Liquid Line (King Valve)	1.75	1.75		1.75	1.75	1.75		1.75
RF305*	Valves – Suction Modulation (SMV) Stem Kit	1.00		1.00	1.00				
RF306*	Valves – Suction or Oil Service	1.50	1.50		1.75	1.75			1.75
RF307*	Valves – Suction Solenoid (SSV) Repair Kit	1.00							
RF308*	Valves – Expansion (TXV / EEV)	2.25	2.25	3.25	2.25	2.25	2.25	2.75	2.25
RF309*	Valves – Quench or Economizer Expansion	1.75	1.75	1.00	1.75	1.75	1.75		1.75
RF310*	High Pressure Expansion Valve (HPXV)							2.25	
RF311*	High Pressure Expansion Valve (HPXV) Coil							0.5	
RF312*	Check Valve							1.25	
RF400*	Leaks – Braze Joint / Pin Hole – High Side - Partial System Charge	1.75	1.75	3.00	1.75	1.75	1.75		1.75
RF401*	Leaks – Braze Joint / Pin Hole – Low Side - Partial System Charge	1.50	1.50	3.00	1.50	1.50	1.50		1.50
RF402*	Leaks – Braze Joint / Pin Hole – Full Charge NaturaLINE							1.25	
RF413*	Leaks – O-Ring (Replace) - Partial System Charge	0.75	0.75	2.75	0.75	0.75	0.75		0.75
RF414*	Leaks – O-Ring (Replace) - Unit out of charge Full System Charge	1.25	1.25	3.25	1.25	1.25	1.25	1.25	1.25
RF417*	Leaks – Service Valve or Connection - Unit out of charge Full System Charge	1.25	1.25	3.25	1.25	1.25	1.25	1.25	1.25
RF418*	Leaks – Service Valve or Connection - Partial System Charge	0.75	0.75	3.25	0.75	0.75	0.75		0.75
RF419*	Leaks – Gasket (Re-Torque Bolts) - (Low/High Side - Unit out of charge) Full Charge	1.25	1.25	2.75	1.25	1.25	1.25	1.25	1.25
RF420*	Leaks – Gasket (Re-Torque Bolts) - Low/High Side - Partial System Charge	0.75	0.75	3.25	0.75	0.75	0.75		0.75
RF421*	Leaks – Threaded Joint – Unit out of charge Full Charge	1.25	1.25	2.75	1.25	1.25	1.25		1.25
RF422*	Leaks – Threaded Joint – Partial System Charge	0.75	0.75	3.25	0.75	0.75	0.75		0.75
RF416*	Recover, Evacuation & Charging (Includes filter drier) (Vent on NaturaLINE)	1.25	1.25	2.75	1.25	1.25	1.25		1.25
RF423*	Evacuation & Charging (Includes filter drier)	0.75	0.75	2.25	0.75	0.75	0.75		0.75
	Compressor								
CP100*	Compressor	3.25	3.25	4.75	2.00	2.00	2.00	3.25	2.00
CP101*	Compressor-Oil (Change) (See Note CP-2)	0.50	0.50	1.75	0.50	0.50	0.50	1.50	0.50
CP102	Compressor Oil Acid Test	0.25	0.25	0.25	0.25	0.25	0.25		0.25
CP200*	High Pressure Switch (HPS)	0.50	0.50	2.00	0.50	0.50	0.50	1.25	0.50
CP300	Oil Pump Assembly / Gaskets	0.75	0.75	2.75					
CP301	Oil Pan Gasket	1.50	1.50	3.50					
CP302	Oil Sight Glass	0.75	0.75	2.75					
CP400	Valve Plate / Gaskets (Front)	0.75	0.75	2.75					
CP401	Valve Plate / Gaskets (Rear or Top)	1.25	1.25	3.50					

CP402	Valve Plates / Gaskets (All)	1.75	1.75	4.00					
CP500	Compressor Terminal Block	1.50	1.50	4.00					
Electrical System									
EL100	Sensor - Temperature (Control, Recorder, USDA)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
EL101	Sensor – Thermistor (DTS, AMBS, ETS, etc.)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
EL102	Sensor – Thermistor (Suction)				0.75	0.75	0.75		0.75
EL103	Sensor – Remote Evaporator Supply/Return	0.50							
EL200	Switch – Toggle	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
EL201	Switch – Water Pressure (WCC Option Only)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
EL300	Contactory Relay	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
EL301	Auxiliary Contact	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
	Plug In Relay Humidity Only (See HM 400)								
EL400	Solenoid Coils, Any	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
EL401	Electronic SMV Drive Module	0.50		0.50					
EL402	Valves - Electronic SMV Piston & Drive Motor	0.75	0.75	2.50	1.00				
EL403	Vent Position Sensor – Lower – Drive Motor	0.50		0.50	0.50	0.50			0.50
EL404	Vent Position Sensor – Upper – Panel Assembly	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
EL500	Transformer (24V)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
EL501*	Transformer (Modular) (230/460)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
EL502	CB2 (Modular Transformer) (Includes Job EL503)	1.25	1.25	2.25	1.25	1.25	1.25		1.25
EL503	Transformer Bridging Unit (TBU)			2.00					
EL600	Heater – Evaporator Coil	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EL601	Heater – Each Additional	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
EL602	Heater – Drain Pan (If equipped)	1.00		1.00	1.00	1.00			1.00
EL700	Circuit Breaker (Unit) (CB1)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
EL701	Fuse (See Note EL-1)	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
EL800	Power Receptacle / Plug	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
EL801	Repair Any Wire	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
EL802	Each additional wire	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
EL803	Hour meter (Gensets See Job GR400)	0.25		0.25	0.25	0.25			0.25
EL804	Capacitor, Power Factor Correction (PFC)			1.00					
Electronics									
ET100	Microprocessor (Temperature or CA)	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.50
ET102	RMU (If equipped)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
ET200	Display Module (and / or Harness if Required)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
ET300	Key Pad (and / or Harness if Required)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
ET400	Current Sensor Module	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
ET600	Door Sensor	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
ET610	Communication Module	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
ET700	Variable Frequency Drive							0.75	
ET701*	Variable Frequency Drive Bypass (Approval Required)							0.5	
ET702	Variable Frequency Drive Fan							0.5	
ET703	Variable Frequency Drive Interface Module (VIM)							0.5	
Fan System									
FN100	Condenser/Gas Cooler Fan Motor	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
FN101	Condenser Fan Motor – Bearings (2)	1.75	1.75	1.75	1.75	1.75	1.75		1.75
FN102	Condenser/Gas Cooler Fan Motor – Fan Blade	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
FN200	Evaporator Fan Motor Assembly	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FN201	Evaporator Fan Motor – Bearings (2)	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
FN202	Evaporator Fan Blade	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
FN203	Evaporator Fan Motor – Stator	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FN204	Evaporator Fan Motor – 2 Speed Relay	1.00							
FN300	Motor Capacitor (If Equipped)	1.50	1.50	1.50	1.50	1.50			1.50
Miscellaneous									
MS100	Recorder Assembly	1.00		1.00	1.00	1.00			1.00
MS101	Clock / Timer	0.50		0.50	0.50	0.50			0.50
MS102	Element Temperature Recorder	2.00		2.00	2.00	2.00			2.00
MS103	Mechanism & Platen Assembly	1.00		1.00	1.00	1.00			1.00
MS104	Voltage Indicator (Saginomiya)	0.50		0.50	0.50	0.50			0.50
MS200	Electronic Recorder Module (Partlow)	0.50		0.50	0.50	0.50			0.50
MS300	Stylus (Partlow only)	0.25		0.25	0.25	0.25			0.25

Humicon								
HM100	Humidity Water Pump (Complete Assembly)	0.50						
HM200	Water Tank (Complete Assembly)	1.00						
HM201	Water Tank Heater	0.75						
HM202	Water Tank Drain Valve	0.25						
HM203	Water Tank Level Gauge	0.50						
HM204	Water Tank Cap	0.25						
HM300	Tubing / Insulation – Tank to Pump	0.50						
HM301	Tubing / Insulation – Pump to Humicon	0.50						
HM400	Power Transformer	0.25						
HM401	Humidity Sensor (HS)	0.75	0.75	0.75	0.75	0.75	0.75	0.75
HM403	Transformer (HPT)	0.75						
HM404	Water Temperature Switch (WHTT)	0.75						
HM405	Contactora – Humidity / Air Pump	0.25						
HM500	Humicon Replacement	1.00						
HM501	Air Pump Replacement	1.00						
HM502	Filter Replacement Air or Water	0.50						
HM503	Transformer, Humidity Air Pump	0.50						
HM504	Capacitor, Humidity Air Pump	0.50						
Controlled Atmosphere								
CA100	Air Compressor (See Note AS-3)	2.75						
CA101	Air Compressor Motor	3.50						
CA200	Carbon Dioxide Sensor	0.75						
CA201	Oxygen Sensor	0.75						
CA202	Oxygen Amplifier	0.75						
CA300	High Air Temperature Switch (HATS)	0.50						
CA301	Air Heater	1.00						
CA400	Pressure Relief Valve	0.50						
CA401	Pressure Regulator Valve	0.50						
CA500	CA Solenoid Valve Body	1.00						
CA501	CA Solenoid Coil	0.25						
CA502	4 Valve Manifold Assembly	1.50						
CA600	Membrane Air Filter Assembly	0.75						
CA601	Membrane Pressure Transducer (MPT)	0.50						
CA602	Membrane Temperature Sensor (MTS)	0.50						
CA700	Nitrogen Membrane Separator (See Note AS-3)	2.00						
CA800	Interface Module (If equipped)	0.50						
CA801	Heater Triac	0.50						
CA802	Switch (CAST)	0.50						
CA900	Dock Lock	1.00						
CA901	Flow Meter	0.50						
XtendFRESH								
XF100	XtendFresh Scrubber Assembly		1.00		1.00	1.00		1.00
XF101	XtendFresh Scrubber Filter		2.50		2.50	2.50		2.50
XF102	XtendFresh Scrubber Blowers		0.50		0.50	0.50		0.50
XF103	XtendFresh Scrubber Hose		1.00		1.00	1.00		1.00
XF104	Xtendfresh Scrubber Motor Assy.		2.00		2.00	2.00		2.00
XF105	Xtendfresh Blower Shaft Assy.		1.00		1.00	1.00		1.00
XF106	Xtendfresh Heaters (2)		1.00		1.00	1.00		1.00
XF107	Xtendfresh Heater (1)		0.75		0.75	0.75		0.75
XF200	XtendFresh Carbon Dioxide Sensor		0.75		0.75	0.75		0.75
XF201	XtendFresh Oxygen Sensor		0.75		0.75	0.75		0.75
XF202	XtendFresh Oxygen Amplifier		0.75		0.75	0.75		0.75
XF203	XtendFresh Sensor Filter Assembly		0.50		0.50	0.50		0.50
XF300	XtendFRESH Contactor Relay		1.50		1.50	1.50		1.50
XF301	XtendFRESH Control Transformer		1.00		1.00	1.00		1.00
XF302	XtendFRESH DC Rectifier		1.25		1.25	1.25		1.25
XF303	XtendFRESH Capacitor		1.25		1.25	1.25		1.25
XF304	XtendFRESH Resistor		1.00		1.00	1.00		1.00
XF305	XtendFRESH Fuse		1.00		1.00	1.00		1.00

XF400	XtendFresh Panel		1.00		1.00	1.00		1.00
XF401	XtendFRESH Automated Fresh Air Vent		1.00		1.00	1.00		1.00
XF500	Fresh Air Panel Collar		0.50		0.50	0.5		0.50
XF501	Fresh Air Gasket		0.50		0.50	0.5		0.50
XF600	Xtendfresh Contactor Interlock		0.50		0.50	0.5		0.50
EverFRESH								
EF100	EverFRESH Air Compressor							0.75
EF101	EverFRESH EA Solenoid							0.50
EF102	EverFRESH EN Solenoid							0.50
EF103	EverFRESH WDV Solenoid							0.50
EF104	EverFRESH Oxygen Sensor							0.75
EF105	EverFRESH Oxygen Amplifier							0.75
EF106	EverFRESH Sensor Filter Assembly							0.50
EF107	EverFRESH Contactor							0.50
EF108	EverFRESH Air Condensing loop							0.75
EF109	EverFRESH Water Seperator and / or particualate filter housing							1.50
EF110	EverFRESH Nitrogen Membrane							2.00
EF111	EverFRESH Miscellaneous above evporator fan deck							1.50
EF112	EverFRESH Miscellaneous (hoses, check valve, etc)							0.50
EF113	EverFRESH Air Compressor major rebuild							3.00
EF114	EverFRESH Air Compressor minor rebuild							1.50

Code	Description	69UG	69RG
	General Repairs		
GR100	Battery / Includes Cables	0.50	0.50
GR200	Water Temperature Gauge / Oil Pressure Gauge	0.50	0.50
GR201	Water Temperature Sender	0.50	0.50
GR202	Water Temperature Switch	0.75	0.75
GR300	Low Oil Pressure Switch	0.25	0.25
GR301	Oil Pressure Sender	0.25	0.25
GR302	Low Coolant Sensor	1.25	1.00
GR303	Speed Sensor	0.25	0.25
GR304	Fuel Sensor	0.25	0.25
GR400	Meter, Any (Amp, Hour, Hz, Volt)	0.50	0.50
GR401	Main Circuit Breaker	0.75	0.40
GR402	Bearing Assembly	0.75	4.75
GR403	Muffler / Exhaust Pipe	1.00	1.00
GR404	Hose	0.20	0.20
GR405	Auto Restart Module	1.00	1.00
GR406	Electronic Control Module (ECU)	1.00	0.75
GR500	Rectifier Assembly	1.00	4.00
GR501	Single Diode	1.50	4.00
GR600	Alternator (Cannot be used with GR601)	0.75	0.75
GR601	Electronic Battery Charger (If Equipped)	0.75	0.75
GR602	Voltage Regulator (Cannot be used with GR601)	1.25	1.25
GR603	Brushes (Cannot be used with GR601)	1.25	1.25
GR604	Voltage Controller	0.75	0.75
GR700	Generator Wiring Harness	1.00	1.50
GR701	Low Voltage Harness	1.50	1.50
GR800	Generator / Engine Assembly (Does Not Include Jobs GR801 and GR806 if Equipped)	5.00	5.50
GR801	Genset from Container / Chassis with integral tank	0.50	0.50
GR802	Generator Shock mounts	0.75	0.75
GR803	Engine Shock mounts	0.75	0.75
GR804	Engine Snubber Mount Bracket / Shock /Mount	0.75	0.50
GR805	Snubber / Truss Bracket Shock mount (Includes Job GR806)	0.75	
GR806	Snubber / Truss Bracket	0.50	
GR807	Genset from Container / Chassis with remote mounted fuel tank	1.00	
GR808	Nylon Gear Drive	3.50	3.50
GR809	Generator Fan	1.25	1.75
	Coolant System		
CL100	Radiator	1.00	1.00
CL101	Radiator Fan Blade	0.50	0.50
CL102	Pressure Test Cooling System	0.50	0.50
CL103	Pressure Test Radiator Cap	0.20	0.20
CL104	Flush Coolant System	1.20	1.20
CL105	Poly-Vee Belt Kit	1.25	1.25
CL200	Water Pump	2.00	2.00
CL202	Water Pump Belt – Poly-V	1.00	1.00

CL300	Upper Radiator Hose	0.40	0.40
CL301	Lower Radiator Hose	0.60	0.60
CL302	Air Vent Hose	0.40	0.40
CL303	All Coolant Hoses	1.00	1.00
CL304	Coolant Hose Clamp, Any	0.50	0.50
CL400	Coolant Recovery Bottle	0.50	0.50
CL401	Engine Thermostat	1.00	1.00
CL402	Air Filter Element, (For Dry Element Air Cleaner)	0.10	0.10
	Fuel System		
FL100	Fuel Line to Tank	0.20	0.20
FL101	Fuel Fitting, Any	0.20	0.20
FL102	Fuel Hose, Any	0.20	0.20
FL103	Fuel Hose Clamp, Any	0.20	0.20
FL200	Fuel Filter Head	0.60	0.60
FL201	Fuel filter (Each)	0.10	0.10
FL300	Fuel Warmer	0.60	0.60
FL301	Fuel Solenoid	0.50	0.50
FL400	Under mount Tank (50/65/80 Gal.)	1.00	
FL401	Under mount Tank Strap	0.50	
FL402	Integral Tank (Includes R & R Straps)	1.00	
FL403	Integral Tank Bracket (Each)	0.25	
FL500	Fuel Tank Gauge	0.50	0.50
FL501	Fuel Filler Cap	0.20	0.20
	Engine		
EN100	Complete Overhaul (See Notes AS-3 & EN-1)	24.00	24.00
EN101	Test Cylinder Compression	1.50	1.50
EN200	Valve Cover / Gasket	0.50	0.50
EN201	Cylinder Head / Gasket	4.50	4.50
EN202	Rocker Arm Assembly	1.50	1.50
EN203	Valve Spring, Any (1)	1.75	1.75
EN204	Valve Spring, Each Additional	0.10	0.10
EN205	Valve, Any (1) (See Note EN-2)	5.00	5.00
EN206	Valve, Each Additional	0.25	0.25
EN207	Valve & Guide, Any (1) (See Note EN-2)	5.25	5.25
EN208	Valve & Guide, Each Additional	0.50	0.50
EN209	Valve & Seat, Any (1) (See Note EN-2)	5.25	5.25
EN210	Valve & Seat, Each Additional	0.50	0.50
EN211	Valve, Seat & Guide, Any (1) (See Note EN-2)	5.50	5.50
EN212	Valve, Seat & Guide, Each Additional	0.50	0.50
EN213	Adjust Valves (See Note EN-2)	1.25	1.25
EN300	Injector, Any (1)	0.50	0.50
EN301	Injector, Each Additional	0.20	0.20
EN302	Injector Nozzle & Adjust	0.70	0.70
EN303	Nozzle & Adjust, Each Additional	0.40	0.40
EN304	Injector Line, Any (1)	0.30	0.30
EN305	Injector Line, Each Additional	0.10	0.10

EN400	Mechanical Fuel Pump	1.00	1.00
EN401	Fuel Pump Screen	0.20	0.20
EN402	Hand Primer Pump	0.40	0.40
EN403	Injection Pump	1.20	1.20
EN404	Injection Pump Camshaft	3.00	3.00
EN405	Governor Assembly	3.00	3.00
EN406	Run Lever Assembly	0.50	0.50
EN500	Glow Plug, Any (1)	0.50	0.50
EN501	Glow Plug, Each Additional	0.25	0.25
EN502	Starter Motor	0.50	0.50
EN503	Starter Motor Drive Gear	0.80	0.80
EN600	Exhaust Manifold	1.75	1.75
EN601	Intake Manifold	1.00	1.00
EN700	Piston, Rod, & Rings, Any (See Note As-3)	11.00	11.00
EN701	Piston Assembly, Each Additional (See Note AS-3)	0.30	0.30
EN702	Crankshaft, Pistons, & Bearings (See Notes AS-3 & EN-1)	16.00	16.00
EN703	Camshaft (See Note AS-3)	6.10	6.10
EN704	Lifter, Any (1)	4.20	4.20
EN705	All Lifters	4.30	4.30
EN800	Timing Case Cover (Includes Job EN802)	2.50	4.50
EN801	Timing Gears (Includes Job EN800)	3.00	5.00
EN802	Front Pulley & Seal	2.00	4.00
EN803	Flywheel / Housing	6.00	6.00
EN805	Rear Oil Seal & Wear Sleeve (Includes Job EN803) (See Note EN-1)	7.00	7.00
EN806	V-Belt	0.50	0.50
EN900	Oil Pump	4.00	4.00
EN901	Oil Filter Tube	0.20	0.20
EN902	Oil Pan - Drain Hose	0.40	0.40
EN903	Oil Filter Head	0.40	0.40
EN904	Oil Filter	0.10	0.10
EN905	Idler Pulley / Bearing	1.00	1.00
EN906	Idler Bearing (Includes Job EN905)	1.50	1.50
	Electrical		
EL200	Switch-toggle	0.50	0.50
EL300	Any Relay	0.50	0.50
EL301	Any Contactor	0.75	0.75
EL700	Circuit Breaker	1.00	1.00
EL701	Fuse	0.10	0.10
EL702	Circuit Breaker Boot	0.50	1.00
EL800	Power Receptacle	0.50	0.50
EL801	Repair Any Wire	0.50	0.50
EL804	Each Additional Wire	0.10	0.10

**SUGGESTED CHANGE IN WARRANTY LABOR ALLOWANCE SCHEDULE
FOR CONTAINER EQUIPMENT**

Fax or Email to your local Service Representative
or Mail To:
Carrier Transicold Division
Carrier Corporation
P.O. Box 4805
Syracuse, NY. 13221
Attn: Service Engineering Manager - Product Support

DATE _____

FROM: Container Service Center _____

City _____ State/Country _____

Signed _____

We suggest a change in time for job no. _____ which
covers _____
(Repair description)

Unit Model No. _____

The present time is _____ hours. We suggest _____ hours.

Below is the procedure we followed and an explanation of why the change should be considered:

NOTE: For additional space, use reverse side or extra paper as required.



Carrier Transicold Division,
Carrier Corporation
P.O. Box 4805
Syracuse, NY 13221 USA

www.carrier.com/container-refrigeration/