

7.0 C-SERIES CUBERS EC200-EC300-EC400-EC500- "B" SERIES AIR & WATER  
WITH 9101219-01 CIRCUIT BOARD

Item Code	Part Description	Part Number	GRP	EC 200	EC 300	EC 400	EC 500
<b>AIR COOLED</b>							
5	Air Condenser	9141048-01	AC	X			
5	Air Condenser	NLA	AC		X		
5	Air Condenser	9141084-01	AC			X	X
10	Fan Blade 10" (Cardboard Shroud)	9131053-02	AC	X			
10	Fan Blade 10" (Cardboard Shroud)	9131053-03	AC		X	X	X
10	Fan Blade (Metal Shroud)	9131332-02	AC				X
10	Fan Blade (Metal Shroud)	9131333-01	AC	X	X	X	
15	Fan Motor 16 Watt	9161045-04	AC		X	X	X
15	Fan Motor (Cardboard Shroud)	9161077-01	AC	X			
15	Fan Motor (Metal Shroud)	9161089-02	AC				X
15	Fan Motor (Metal Shroud)	9161108-01	AC	X	X	X	
20	Fan Motor Bracket	9131054-01	AC	X	X	X	X
25	Fan Shroud	3013112-01	AC	X	X	X	X
30	Fan Shroud Screw #8-18x1/2	9031046-03	AC	X	X	X	X
40	Crankcase Pressure Relief Valve	9151086-01	AC				X
<b>COMPRESSOR AND COMPONENTS (*Kit Includes Drier and Start Components)</b>							
100	*Compressor Kit	9181084-11	C	X			
100	*Compressor Kit	9181085-12	C				X
100	*Compressor Kit	9181086-11	C		X	X	
101	Overload	9181005-22	C				X
101	Overload	9181005-12	C		X	X	
105	Run Capacitor	9181009-17	C				X
110	Start Capacitor	9181003-26	C				X
110	Start Capacitor	9181003-17	C		X	X	
110	Start Capacitor	9181003-24	C	X			
115	Start Relay	9181004-18	C	X			
115	Start Relay	9181010-12	C				X
115	Start Relay	9181010-14	C		X	X	
<b>ELECTRICAL</b>							
	Wire Harness, Switches	NLA	E	X	X	X	X
	Wire Harness, Control (Air Cooled)	NLA	E	X			
	Wire Harness, Compressor	NLA	E	X			
	Wire Harness, Start Component	NLA	E				X
	Wire Harness, Start Component	NLA	E		X	X	
	Wire Harness, Control (Water Cooled)	NLA	E	X			
	Wire Harness, Control (Water Cooled)	NLA	E		X	X	X
	Wire Harness, Control (Air Cooled)	NLA	E		X	X	X
205	Bin Control Thermostat 2 Pole (96")	9041055-01	E	X	X	X	X
210	Circuit Board	9101219-01	E	X	X	X	X
211	Circuit Board Fuse 3AMP 250 VOLT	9101236-02	E	X	X	X	X
212	Support, Control Board (Short)	NLA	E	X	X	X	X
212	Standoff, Control Board (Long)	NLA	E	X	X	X	X
215	Terminal Board - 3 Pole	9101037-01	E	X	X	X	X
220	High Temp Safety Thermostat	9041087-03	E	X	X	X	X
235	Switch Assy-Bin Control (Curtain)	2061471-03	E	X	X	X	X
240	Switch - Bin Control Limit (Curtain)	9101124-02	E	X	X	X	X
245	Switch - On/Off/Wash (Rocker)	9101195-01	E	X	X	X	X
250	Switch - Purge (Rocker)	9101139-03	E	X	X	X	X
260	Water Pump Cordset	NLA	E	X	X	X	X

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<b>EVAPORATOR</b>							
300	Evaporator Plastic Bottom	9051135-04	EV	X	X	X	X
305	Evaporator Plastic Side Panel LH	9051136-07	EV	X	X		
305	Evaporator Plastic Side Panel LH	9051136-05	EV			X	X
310	Evaporator Plastic Side Panel RH	9051136-08	EV	X	X		
310	Evaporator Plastic Side Panel RH	9051136-06	EV			X	X
315	Evaporator Plastic Top - Spillway	9051135-05	EV	X	X	X	X
320	Evaporator Plate Assy - Jumbo	NLA	EV	X	X		
320	Evaporator Plate Assy - Half Cube	2051148-82	EV			X	X
320	Evaporator Plate Assy - Half Cube	2051156-82	EV	X	X		
320	Evaporator Plate Assy - Full Cube	2051156-81	EV	X	X		
320	Evaporator Plate Assy - Jumbo	NLA	EV			X	X
320	Evaporator Plate Assy - Full Cube	2051148-81	EV			X	X
<b>HARVEST MOTOR ASSEMBLY</b>							
900	Bushing-Plastic	9051001-13	HA	X	X	X	X
905	Clutch (Cam) 160 Degree	9131190-01	HA	X	X	X	X
910	Connecting Rod	9051057-01	HA	X	X	X	X
915	Drip Shield	NLA	HA	X	X	X	X
920	Harvest Probe Assy 115V	2061962-01S	HA	X	X	X	X
925	Hex Nut 10 x 32 (Swivel/Shaft)	9031005-03	HA	X	X	X	X
930	Nut Plate (Switch Screws)	9031120-01	HA	X	X	X	X
935	Probe Motor 115V	9161030-01	HA	X	X	X	X
940	Probe Shaft (For 2061620-03S)	9131189-01	HA	X	X	X	X
940	Probe Shaft (For 2061962-01S)	9021102-01	HA	X	X	X	X
945	Screw Shoulder-Rod/Clutch	9031119-01	HA	X	X	X	X
950	Screw #4-40x3/4 (Switch)	9031008-16	HA	X	X	X	X
955	Screw #6-32x1/2 (Motor)	9031019-08	HA	X	X	X	X
960	Switch Insulator (Micro)	3051145-01	HA	X	X	X	X
965	Switch - Cam (Micro)	9101160-01	HA	X	X	X	X
970	Swivel for 9131189-01	9021017-02	HA	X	X	X	X
975	Washer - Flat #10, Stainless	9031003-03	HA	X	X	X	X
<b>MISCELLANEOUS</b>							
405	Hose Clamp #14	9021010-03	M	X	X	X	X
410	Hose Clamp #18	9021010-04	M	X	X	X	X
420	Ice Deflector Kit (W/O Thermo-well)	1051026-01	M	X	X	X	X
425	Ice Deflector Kit (With Thermo-well)	1051026-03	M	X	X	X	X
430	Ice Deflector	3012522-01	M	X	X	X	X
435	Screw Retainer (Rubber Washer)	9031004-19	M	X	X	X	X
440	Screw - Water Trough	9031046-17	M	X	X	X	X
445	Screw - Water Tube Assy	9031122-01	M	X	X	X	X
450	Water Trough Clip	3012545-01	M	X	X	X	X
455	Water Trough Guard	NLA	M			X	X
460	Plastic Nut (Square Screw Retainer)	9031141-01	M	X	X	X	X
<b>PANELS</b>							
502	Control Box Cover	NLA	P	X	X	X	X
506	Front Panel (ICE-O-MATIC LOGO)	NLA	P	X	X	X	X
506	Front Panel Stainless	NLA	P	X	X	X	X
510	J Clip	NLA	P	X	X	X	X
514	Rear Brace	3012515-01	P	X	X	X	X
516	Rear Panel	NLA	P	X			
516	Rear Panel	NLA	P		X	X	X
518	Screw Front Panel	NLA	P	X	X	X	X
524	Screw Panel	NLA	P	X	X	X	X

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<b>PANELS (Continued)</b>							
530	Side Panel RH W/Louvers	NLA	P	X	X	X	X
530	Side Panel RH W/Louvers Stainless	3021378-02	P	X	X	X	X
528	Side Panel LH W/O Louvers	NLA	P	X	X	X	X
528	Side Panel LH W/O Louvers Stainless	3021378-04	P	X	X	X	X
536	Top Panel	NLA	P	X	X	X	X
536	Top Panel Stainless	3021433-01	P	X	X	X	X
<b>REFRIGERATION</b>							
605	Expansion Valve (R404a)	9151006-09	REF		X		
605	Expansion Valve (R134a)	9151006-10	REF	X			
605	Expansion Valve (R404a)	9151006-08	REF			X	X
615	Filter Drier	9151004-02	REF	X	X	X	X
620	High Pressure Control (450 PSI)	9041091-01	REF		X	X	X
620	High Pressure Control (250 PSI)	NLA	REF	X			
625	Hot Gas Valve Body - ALCO	9151123-01	REF	X	X	X	X
630	Hot Gas Valve Coil - ALCO 115V	9151123-03	REF	X	X	X	X
635	Low Pressure Timer Initiate	9041094-01	REF	X	X	X	X
<b>WATER COOLED</b>							
790	Water Condenser	9141022-01	WC	X			
790	Water Condenser	9141061-01	WC		X		
790	Water Condenser-3 Rows	9141023-01	WC			X	
790	Water Condenser-4 Rows	9141024-01	WC				X
795	Water Regulator Valve	9041059-01	WC		X	X	X
795	Water Regulator Valve	9041010-01	WC	X			
797	Drier	9151004-02	WC	X	X	X	X
<b>WATER DISTRIBUTION</b>							
800	Water Distribution Tube	2041338-01	WD	X	X	X	X
805	Water Inlet Fitting (Drop Adapter)	9091074-01	WD	X	X	X	X
807	Water Inlet Fitting (With Hex Retainer)	9091083-01	WD	X	X	X	X
810	Water Inlet Tubing (26 inches)	6021032-01	WD	X	X	X	X
815	Water Pump Tube	9051142-02	WD	X	X		
815	Water Pump Tube	9051142-01	WD			X	X
820	Water Splash Curtain	9051154-07	WD	X	X		
820	Water Splash Curtain	9051154-08	WD			X	X
825	Water Trough	9051537-01	WD	X	X	X	X
825	Water Trough with Support Clip	NLA	WD	X	X	X	X
830	Water Purge Drain Tube	9051280-01	WD	X	X	X	X
<b>WATER FLOAT</b>							
845	Water Float Assy	9131111-01	WF	X	X	X	X
850	Water Float Deflector	9131026-02	WF	X	X	X	X
<b>WATER PUMP</b>							
865	Water Pump Bracket, Stainless Steel	3012509-01	WP	X	X	X	X
875	Water Pump 115Volt	9161076-01	WP	X	X	X	X
<b>WATER PURGE VALVE</b>							
880	Water Purge Valve Assy 115V	9041060-01	WPV	X	X	X	X
890	Water Purge Valve Coil 115V	9041014-90	WPV	X	X	X	X

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REFRIGERANT CHARGE		
MODEL	REF TYPE	OZ.
EC 200 AIR	R134a	15
EC 200 WATER	R134a	10
EC300 AIR	R404a	21
EC300 WATER	R404a	14
EC400 AIR	R404a	32
EC400 WATER	R404a	14
EC500 AIR	R404a	32
EC500 WATER	R404a	15

PRESSURES		
LP	DP	HP
15		250
15	125	250
35		
35	250	450
37		
37	250	450
30		
30	250	450

**LP= LOW PRESSURE/TIMER INITIATE CONTROL SETTING**  
*DP=DISCHARGE PRESSURE SETTING/WATER COOLED CUBERS*  
**HP=HIGH PRESSURE SAFETY CONTROL SETTING**