

10.0 EC SERIES CUBER 1406B2, 1806B2 and 2106B1-AIR, WATER and REMOTE

Item Code	Part Description	Part Number	GRP	EC	EC	EC
				1406B2	1806B2	2106B1
<b>AIR COOLED</b>						
5	Air Condenser	9141107-01	AC	X		
10	Fan Blade	9131053-01	AC	X		
15	Fan Motor	9161078-03	AC	X		
20	Fan Motor Bracket	9131054-01	AC	X		
25	Fan Shroud	3012526-01	AC	X		
30	Fan Shroud - Screw #8 x 1/2	9031046-03	AC	X		
<b>COMPRESSOR AND COMPONENTS (*Kit Includes Drier and Start Components)</b>						
100	*Compressor Kit - (CS20K6E-PFV)	9181108-11	C	X		
100	*Compressor Kit - 3 Phase	9181111-02	C	X		
100	*Compressor Kit - (CS20K6E-PFV)	9181108-11	C		X	
100	*Compressor Kit - 3 Phase W/R	9181108-12	C		X	
100	*Compressor Kit - (CS27K3E-PFV)	9181123-11	C			X
100	*Compressor Kit - (CS27K3E-TF5)	9181123-12	C			X
105	Run Capacitor	9181003-19	C			X
105	Run Capacitor	9181009-20	C	X	X	
110	Start Capacitor	9181003-21	C	X	X	X
115	Start Relay	9181010-10	C	X	X	
115	Start Relay	9181010-11	C			X
<b>ELECTRICAL</b>						
210	Contactor - 1 Pole	9101002-04	E	X	X	X
210	Contactor - 3 Pole (3 Phase)	9101079-02	E	X	X	X
215	Terminal Board 4 Position	9101037-02	E	X	X	X
215	Terminal Board 5 Position	9101037-03	E	X	X	X
220	High Temp Safety	9041087-01	E	X	X	X
225	Relay (230 Volt)	9101084-02	E	X	X	X
230	Relay Socket	9101083-01	E	X	X	X
240	Switch - Bin Control (Curtain)	9101145-03	E	X	X	X
245	Switch - On/Off/Wash (Rocker)	9101195-01	E	X	X	X
250	Switch - Purge Harvest (Rocker)	9101139-03	E	X	X	X
	Timer, (2 Second)	9101140-03	E	X	X	X
255	Timer	9101148-01	E	X	X	X
<b>EVAPORATOR</b>						
300	Evaporator Plastic Bottom	9051135-04	EV	X	X	X
305	Evaporator Plastic Side Panel LH	9051136-05	EV	X		
310	Evaporator Plastic Side Panel RH	9051136-06	EV	X		
305	Evaporator Plastic Side Panel LH	9051170-04	EV		X	X
310	Evaporator Plastic Side Panel RH	9051170-02	EV		X	X
315	Evaporator Plastic Spillway	9051135-05	EV	X	X	X
320	Evaporator Plate Assy - Full Cube LH	2051125-81	EV		X	X
320	Evaporator Plate Assy - Full Cube RH	2051126-81	EV		X	X
320	Evaporator Plate Assy - Half Cube LH	2051125-82	EV		X	X
320	Evaporator Plate Assy - Half Cube RH	2051126-82	EV		X	X
320	Evaporator Plate Assy - Full Cube LH	2051148-81	EV	X		
320	Evaporator Plate Assy - Full Cube RH	2051147-81	EV	X		
320	Evaporator Plate Assy - Half Cube LH	2051148-82	EV	X		
320	Evaporator Plate Assy - Half Cube RH	2051147-82	EV	X		
320	Evaporator Plate Assy - Jumbo LH	NLA	EV	X		
320	Evaporator Plate Assy - Jumbo RH	NLA	EV	X		

11.0 EC SERIES CUBER C1406B2-C1806B2-EC2106B1-AIR, WATER AND REMOTE

Item Code	Part Description	Part Number	GRP	EC	EC	EC
				1406B2	1806B2	2106B1
<b>HARVEST ASSIST ASSEMBLY</b>						
900	Bushing - Large	9051001-13	HA	X	X	X
905	Clutch (Cam)	9131190-04	HA	X	X	X
910	Connecting Rod	9051057-01	HA	X	X	X
920	Harvest Assy 230V (Old)	2061620-10	HA	X	X	X
920	Harvest Assy 230V (New)	2061962-03S	HA	X	X	X
	Probe Motor Bracket (Old)	NLA	HA	X	X	X
	Probe Motor Bracket (New)	3013170-01	HA	X	X	X
925	Hex Nut #10-32 (Swivel/Shaft - Old)	9031005-03	HA	X	X	X
930	Probe Motor 230V	9161031-01	HA	X	X	X
935	Probe Shaft 4.5 x .219 S/S (Old)	9131189-01	HA	X	X	X
935	Single Length Shaft and Swivel (New)	9021102-01	HA	X	X	X
940	Screw Shoulder (Rod/Clutch)	9031119-01	HA	X	X	X
945	Screw #4 - 40 x 3/4 (Switch)	9031008-16	HA	X	X	X
950	Screw #6 - 32 x 1/2 (Motor)	9031019-08	HA	X	X	X
955	Speed Nut Plate	9031120-01	HA	X	X	X
965	Switch - Cam	9101160-01	HA	X	X	X
960	Switch Insulator	3051145-01	HA	X	X	X
970	Swivel for 9131189-01	9021017-02	HA	X	X	X
975	Washer - Flat #10, Stainless	9031003-03	HA	X	X	X
<b>MISCELLANEOUS</b>						
	Plastic Nut	9031141-01	M	X	X	X
405	Hose Clamp #14	9021010-03	M	X	X	X
410	Hose Clamp #18	9021010-04	M	X	X	X
420	Ice Deflector Kit Without Thermo Well	1051026-02	M	X	X	X
425	Ice Deflector Kit With Thermo Well	1051026-04	M	X	X	X
430	Ice Deflector - Inner	3011756-01	M	X	X	X
435	Screw Retainer (RUBBER WASHER)	9031004-19	M	X	X	X
440	Screw - Water Through	9031046-17	M	X	X	X
445	Screw - Water Tube Assy	9031122-01	M	X	X	X
<b>PANELS</b>						
	Paint Grey Touch-up (Spray Can)	5011077-20	P	X	X	X
502	Control Box Cover	NLA	P	X	X	X
504	Control Box Top Cover	NLA	P	X	X	X
506	Front Panel - Grey	2031374-05	P	X		
506	Front Panel - Stainless St.	2031335-06	P	X	X	X
510	J-Clip	9021060-01	P	X	X	
516	Rear Panel	3021743-01	P	X		
516	Rear Panel	3021744-01	P		X	X
522	Screw (Top & Side Panels)	9031074-01	P	X	X	X
528	Side Panel LH, Grey	NLA	P	X		
528	Side Panel LH, Grey	NLA	P		X	X
530	Side Panel RH, Grey	NLA	P	X		
530	Side Panel RH, Grey	NLA	P		X	X
536	Top Panel, Grey	NLA	P		X	X
536	Top Panel, Grey	NLA	P	X		
589	Front Lower Panel Assy, Stainless	2031337-01	P		X	X
<b>REFRIGERATION</b>						
600	Expansion Valve Assy*	2041686-01	REF		X	X
605	Distributor	9151061-01	REF		X	X
610	Expansion Valve	9151006-08	REF	X		
610	Expansion Valve	9151006-15	REF		X	X
615	Filter Drier	9151004-03	REF	X	X	X

11.0 EC SERIES CUBER C1406B2-C1806B2-EC2106B1-AIR, WATER AND REMOTE

Item Code	Part Description	Part Number	GRP	EC	EC	EC
				1406B2	1806B2	2106B1
<b>REFRIGERATION (Continued)</b>						
625	Hot Gas Valve Body - ALCO	9151123-01	REF	X	X	X
625	Hot Gas Valve Coil - ALCO 230V	9151123-04	REF	X	X	X
635	Low Pressure Timer Initiate	9041094-01	REF	X	X	X
650	Service Valve Cap	9091086-02	REF	X	X	X
645	Service Valve Core	9091086-03	REF	X	X	X
640	Service Valve Assy	2101160-01	REF	X	X	X
*EXPANSION VALVE ASSY INCLUDES SOLDERED TXV, DISTRIBUTOR AND TUBING						
<b>REMOTE</b>						
710	Filter Drier - Remote	9151004-03	REM	X	X	X
715	Liquid Line Valve Body - ALCO	9151123-02	REM	X	X	X
720	Liquid Line Valve Coil - ALCO 230V	9151123-04	REM	X	X	X
725	Mixing Valve (192 PSI)	9151027-02	REM	X	X	X
730	Pumpdown Control Assy	9041040-01	REM	X	X	X
735	Receiver	9151079-01	REM		X	X
735	Receiver	9151060-01	REM	X		
737	High Pressure Control (450 PSI)	9041051-04	REM	X	X	X
<b>REMOTE CONDENSER</b>						
740	Coupling Half Bulkhead 1/2	9091001-07	RC	X	X	X
745	Coupling Half Bulkhead 3/8	9091001-01	RC	X	X	X
750	Coupling Half Lineset 1/2	9091001-08	RC	X	X	X
755	Coupling Half Lineset 1/2 W/Port	9091001-10	RC	X	X	X
760	Coupling Half Lineset 3/8	9091001-02	RC	X	X	X
765	Coupling Half Lineset 3/8 W/Port	9091001-04	RC	X	X	X
766	Coupling Half Mounting Flange 1/2	9091001-09	RC	X	X	X
767	Coupling Half Mounting Flange 3/8	9091001-03	RC	X	X	X
770	Fan Blade (LARK ERC5061))	1011273-99	RC			X
775	Fan Motor (LARK ERC5061)	1011273-98	RC			X
780	Fan Shroud (LARK ERC5061)	1011273-97	RC			X
770	Fan Blade (IOM ERC2661B)	9131357-01	RC	X		
775	Fan Motor (IOM ERC2661B)	9161110-02	RC	X		
780	Fan Shroud (IOM ERC2661B)	9131356-01	RC	X		
770	Fan Blade (IOM ERC4061B)	9131357-01	RC		X	
775	Fan Motor (IOM ERC4061B)	9161110-02	RC		X	
780	Fan Shroud (IOM ERC4061B)	9131356-01	RC		X	
770	Fan Blade (LARKIN ONLY)	1011179-98	RC	X	X	
775	Fan Motor (LARKIN ONLY)	1011179-99	RC	X	X	
780	Fan Shroud (LARKIN ONLY)	1011181-97	RC	X	X	
<b>WATER COOLED</b>						
790	Water Condenser	9141065-01	WC	X		
790	Water Condenser	9141060-01	WC		X	
790	Water Condenser	9141093-01	WC			X
791	Filter Drier	9151004-03	WC	X	X	
792	High Pressure Control (450 PSI)	9041051-04	WC	X	X	X
795	Water Regulator Valve	9041056-01	WC		X	X
795	Water Regulator Valve	9041059-01	WC	X		
<b>WATER DISTRIBUTION</b>						
800	Water Distribution Tube LH	2041338-02	WD	X	X	X
802	Water Distribution Tube RH	2041338-01	WD	X	X	X
810	Water Inlet Polyethylene Tube (43" Req)	6021032-01	WD	X	X	X
815	Water Pump Tube	9051213-01	WD	X		
815	Water Pump Tube	9051192-01	WD		X	X
820	Water Splash Curtain	9051154-12	WD		X	X
820	Water Splash Curtain	9051154-08	WD	X		

11.0 EC SERIES CUBER C1406B2-C1806B2-EC2106B1-AIR, WATER AND REMOTE

Item Code	Part Description	Part Number	GRP	EC	EC	EC
				1406B2	1806B2	2106B1
<b>WATER DISTRIBUTION (Continued)</b>						
825	Water Trough	9051201-01	WD		X	X
825	Water Trough	9051153-07	WD	X		
<b>WATER FLOAT</b>						
845	Water Float Assy	9131111-01	WF	X	X	X
846	Water Float Plunger for 9131111-01	9131111-97	WF	X	X	X
850	Water Float Deflector	3051162-01	WF	X	X	X
855	Water Float - Barrel Fitting	9091080-01	WF	X	X	X
860	Water Float - Sleeve Fitting	9091081-01	WF	X	X	X
<b>WATER PUMP</b>						
875	Water Pump 3000 RPM 230V	9161079-02	WP	X	X	X
875	Water Pump 3000 RPM 230V (PLATED)	9161079-03	WP	X	X	X
850	Water Pump Bracket, Stainless Steel	2021442-01	WP	X	X	X
855	Water Purge Valve Cover	3012379-01	WP	X	X	X
855	Water Purge Valve Cover SS	3012375-01	WP	X	X	X
<b>WATER PURGE VALVE</b>						
880	Water Purge Valve Assy	9041014-07	WPV	X	X	X
890	Water Purge Valve Coil	9041014-91	WPV	X	X	X

**REFRIGERANT CHARGE**

**PRESSURES**

MODEL	REF TYPE	OZ.	LP	DP	HP
EC1406 AIR	R404A	108	37		
EC1406 WATER	R404A	28	37	250	450
EC1406 REMOTE	R404A	240	37		450
EC1806 WATER	R404A	42	37	250	450
EC1806 REMOTE	R404A	400	37		450
EC2106 WATER	R404A	50	37	250	450
EC2106 REMOTE	R404A	400	37		450

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

10.1 EC SERIES CUBER C1405B2--EC2105B2-AIR, WATER AND REMOTE

Item Code	Part Description	Part Number	GRP	EC 1405B2	EC 2105B1
Shaded Item Code indicates updated information					
<b>AIR COOLED</b>					
10	Fan Blade	9131212-01	AC	X	
15	Fan Motor	9161059-01	AC	X	
<b>COMPRESSOR AND COMPONENTS (*Kit Includes Drier and Start Components)</b>					
100	*Compressor Kit-EC1405B2 (CS20K6E-PFZ)	9181094-12	C	X	
100	*Compressor Kit-EC2105 (CS27K3E-PFZ)	9181110-13	C		X
105	Run Capacitor	9181003-19	C		X
105	Run Capacitor	9181009-20	C	X	
110	Start Capacitor	9181003-34	C	X	
110	Start Capacitor	9181003-30	C	X	X
115	Start Relay	9181010-04	C	X	
115	Start Relay	9181010-11	C		X
<b>PANELS</b>					
	Paint Grey Touch-up (Spray Can)	5011077-20	P	X	X
506	Front Panel - Grey	2031374-05	P	X	
506	Front Panel - Stainless St.	2031335-06	P	X	X
589	Front Lower Panel Assy, Stainless	2031337-01	P		X
<b>REFRIGERATION</b>					
600	Expansion Valve Assy*	2041686-01	REF		X
605	Distributor	9151061-01	REF		X
610	Expansion Valve	9151006-08	REF	X	
610	Expansion Valve	9151006-15	REF		X
615	Filter Drier	9151004-03	REF	X	X
625	Hot Gas Valve Body - ALCO	9151123-01	REF	X	X
626	Hot Gas Valve Coil - ALCO 230V	9151123-04	REF	X	X
635	Low Pressure Timer Initiate	9041094-01	REF	X	X
650	Service Valve Cap	9091086-02	REF	X	X
645	Service Valve Core	9091086-03	REF	X	X
640	Service Valve Assy	2101160-01	REF	X	X
<b>*EXPANSION VALVE ASSY INCLUDES SOLDERED TXV, DISTRIBUTOR AND TUBING</b>					
<b>WATER PUMP</b>					
875	Water Pump 3000 RPM 230V	9161079-02	WP	X	X
875	Water Pump 3000 RPM 230V (PLATED)	9161079-03	WP	X	X
<b>WATER PURGE VALVE</b>					
880	Water Purge Valve Assy	9041014-07	WPV	X	X
890	Water Purge Valve Coil	9041014-91	WPV	X	X

REFRIGERANT CHARGE		PRESSURES		
MODEL	REF TYPE	OZ.	LP	HP
EC1405 AIR	R404A	108	37	
EC1405 WATER	R404A	28	37	450
EC1405 REMOTE	R404A	240	37	450
EC2005 WATER	R404A	50	37	450
EC2005 REMOTE	R404A	400	37	450

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