

32.0 MF SERIES FLAKERS MF2006-CMF2306-EMF2306 AIR, WATER & REMOTE

Item Code	Part Description	Part #	MF 2006	CMF 2306	EMF 2306	LP 2306
AIR COOLED						
5	Air Condenser	9141056-01	X	X	X	
10	Fan Blade	9131053-01	X	X	X	
15	Fan Bracket	9161078-03			X	
20	Fan Motor	9161078-03	X	X	X	
25	Fan Shroud	3013112-01			X	
30	Fan Shroud - Push Rivet	NLA	X	X	X	
35	Fan Cycle Pressure Control	9041003-02	X	X	X	
AUGER MOTOR KITS						
100	Auger Motor 1/2" Shaft (Replaced By Kit)*	2061493-01	X			
100	Auger Motor 1/2" Shaft (Replaced By Kit)**	1051068-09	X	X		
*To Replace G.E. Motors Only (Includes Emerson Motor, Pulleys, Keys and Motor Mounting Bracket)						
**To Replace Emerson Motors (Includes Motor, Pulleys And Keys)						
AUGER MOTOR						
105	Auger Motor Key 5/8" Shaft	9021028-01	X	X	X	X
110	Auger Motor 5/8" Shaft	9161097-01	X	X	X	X
110	Auger Motor 1/2" Shaft	USE KIT	X			
COUPLER						
115	Coupler Assy (Keyed) (3/4 x 3/4)	2081012-05			X	X
120	Coupler-Lower Half (Gear Reducer)	9111004-92	X	X	X	X
125	Coupler-Upper Half (Double "D" Auger)	9111004-90	X			
125	Coupler-Upper Half (Keyed Auger)	9111004-92		X	X	X
130	Coupler-Spyder Gear (Plastic)	9111004-91	X	X	X	X
135	Set Screw-Coupler	9031001-36	X	X	X	X
COMPRESSOR AND COMPONENTS (*Kit Includes Drier and Start Components)						
200	*Compressor Kit	NLA	X	X		
200	*Compressor Kit	9181090-11			X	
210	Run Capacitor	9181009-12	X	X	X	
215	Start Capacitor	9181003-19	X	X	X	
220	Start Relay	9181010-10	X	X	X	
DOWN CHUTE-STAINLESS STEEL SQUARE FOAMED						
405	Down Chute Assy	NLA	X			
410	Down Chute Only (Less Components)	NLA	X			
415	Damper Door Assembly	NLA	X			
420	Down Chute Cover	NLA	X			
425	Mounting Plate	NLA	X			
430	Mounting Plate Insulator	NLA	X			
435	Switch Insulator	3051130-01	X			
440	Switch	9101114-01	X			
445	Switch Actuator	9101114-02	X			
DOWN CHUTE-WHITE PLASTIC ROUND						
400	Bin Control Tube	3032258-02		X		
407	Down Chute Switch Actuator	9051283-01		X		
420	Push-on Nut (Retains Bin Control Tube)	9031133-01		X		
425	Screw Machine #6-32 x 7/8 (Switch)	9031008-29		X		
430	Speed Nut (Switch)	9031011-01		X		
435	Switch Bracket	3012382-01		X		
440	Switch Insulator	3051130-01		X		
445	Switch - Modified	3051163-01		X		
455	Chute Brace	NLA		X		
460	Chute Cover - Slanted	NLA		X		
462	Down Chute Assy - Slanted Top	NLA		X		
465	Screw #4 - 24 x 3/8	9031113-01		X		

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Item Code	Part Description	Part #	MF 2006	CMF 2306	EMF 2306	LP 2306
DOWN CHUTE-GREY PLASTIC ROTO-MOLDED						
400	Bin Control Tube	3032258-02		X	X	X
405	Down Chute Assembly	2101236-03		X	X	X
405	Down Chute Switch Actuator	9051381-01		X	X	X
410	Down Chute (Less Components)	9051369-03		X	X	X
412	Down Chute Mounting Bracket	3012683-01		X	X	X
415	Down Chute Strap	3012729-01		X	X	X
420	Push-on Nut (Retains Bin Control Tube)	9031133-01		X	X	X
425	Screw Machine #6-32 x 7/8 (Switch)	9031008-29		X	X	X
430	Speed Nut (Switch)	9031011-01		X	X	X
435	Switch Bracket	3012382-01		X	X	X
440	Switch Insulator	3051130-01		X	X	X
445	Switch - Modified	3051163-01		X	X	X
450	Tab Cap	9101115-01		X	X	X
ELECTRICAL						
230	Low Temp Safety Control (Thermostat)	9041002-01	X	X	X	X
235	Bin Thermostat	9041004-02	X	X	X	X
240	Switch Toggle - On/Off	9101001-02	X	X	X	X
245	Contactor	9101002-04	X	X	X	X
250	Terminal Board - 3 Position A & W	9101037-01	X	X	X	X
250	Terminal Board - 4 Position R	9101037-02	X	X	X	X
260	Timing Module	9101148-01	X	X	X	X
265	Relay - Auger Motor	9101170-02	X	X	X	X
270	Dual Terminal Adapter	9101041-01	X	X	X	X
275	Relay Socket	9101083-01	X	X	X	X
280	Relay	9101084-02	X	X	X	X
EVAPORATOR REPLACEMENT KITS						
325	Service Kit-Evap Assy Replacement Left/Right*	1051050-01	X			
326	Service Kit-Evap Barrel Replacement Left/Right**	1051051-01	X			
*(Includes TXV, Tubing, & Wrapped Evap With Auger/Housing Assy)						
**(Includes TXV, Tubing, & Wrapped Evap Without Auger/Housing Assy)						
EVAPORATOR						
	Bearings, Water Seal, Nut and O-Ring	1051111-01	X			
300	Auger Kit (Keyed)	1051071-01	X			
300	Auger (Keyed)	9131283-01		X	X	X
305	Bearing & Housing Assembly - Lower	2051029-01	X	X	X	X
310	Bearing & Housing Assembly - Upper	2051159-01	X	X	X	X
315	Bearing - Lower 9121001-01	9121001-05	X	X	X	X
320	Bearing-Upper (Tapered)	9121039-01		X	X	X
321	Bearing Kit W/Spacer - Upper 9121001-01	1051039-01	X			
322	Spacer for Upper Bearing	9031117-01	X			
325	Evaporator Assy (LH & RH Discharge)	USE KITS	X			
326	Evaporator Barrel (LH & RH Discharge)	USE KITS	X			
327	Evaporator Assy (RH Discharge) (W/O TXV)**	2051185-91S		X	X	X
328	Evaporator Assy (LH Discharge) (W/O TXV)*	2051186-91S		X	X	X
329	Evaporator Barrel (RH Discharge) (W/O TXV)**	2051167-91		X	X	X
330	Evaporator Barrel (LH Discharge) (W/O TXV)*	2051163-91		X	X	X
335	Evaporator Cap	3011012-01	X	X	X	X
340	Gasket-Evap. To Ice Chute 9051012-01	SEE BELOW				
As per Service Bulletin #14-97 the following 3 parts are required for the new type gasket						
340	Primary Ice Chute Gasket	3051198-01		X	X	X
340	Secondary Gasket	3991045-01		X	X	X
340	Retaining Strap	3012729-03		X	X	X
345	Hex Bolt	9031001-01	X	X	X	X
350	Housing - Lower Bearing	9131218-01	X	X	X	X
355	Housing - Upper Bearing	9131217-01	X	X	X	X
360	Locating Pin (Upper Housing)	9131010-02	X	X	X	X
365	O-Ring - Lower	9131009-01	X	X	X	X
370	O-Ring - Upper	9131009-02	X	X	X	X

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EVAPORATOR (Continued)						
375	Retaining Nut - Upper or Lower	9131206-01	X	X	X	X
380	Set Screw - Evaporator Nut (Lower)	9031033-03	X	X	X	X
380	Set Screw - Evaporator Nut (Lower)	9031033-03	X	X	X	X
385	Washer	9031004-09	X	X	X	X
390	Water Seal & Face Assembly	9121025-91	X	X	X	X
(*COMMON TO CMF1106-WRAPPED EVAP)						
(**COMMON TO CMF2306 ONLY-WRAPPED EVAP)						
GEAR REDUCER ED 18						
140	Baldor Gear Reducer	9171010-03	X	X	X	X
Internal Parts for BALDOR Gearbox are not available.						
Internal Parts for the MORRIS Gear Reducers are No Longer Available						
ICE CHUTE						
480	Ice Chute Assy (RH-White Down Chute)	NLA		X		
480	Ice Chute Assy (LH-White Down Chute)	NLA		X		
480	Ice Chute Assy	NLA	X			
MISCELLANEOUS						
485	Gasket - Ice Chute To Down Chute	9051240-01		X		
490	Drip Boot	9051006-01	X	X	X	X
492	Evaporator Sweat Cap (Square Down Chute)	2991005-01	X			
492	Evaporator Sweat Cap (White Down Chute)	9131255-01		X		
492	Evaporator Sweat Cap (Grey Down Chute)	2991064-01		X	X	X
493	Ice Deflector	3011865-01	X	X	X	X
495	Y-Drain	9091083-01	X			
PANELS						
	Paint Beige Touch-up (Spray Can)	NLA	X			
	Paint Grey Touch-up (Spray Can)	NLA		X	X	
502	Control Box Cover	NLA	X	X	X	X
506	Front Panel Assy, Grey	NLA	X	X	X	X
506	Front Panel Assy, Stainless	2031335-06	X	X	X	X
514	Cabinet Brace-Rear	3021416-01	X	X	X	X
515	Cabinet Brace-Front	3021713-01	X	X	X	X
516	Back Panel	3021417-01	X	X	X	X
518	Screw #8 - 18 x 1-1/2	9031046-16	X	X	X	X
518	Screw #8 - 18 x 1-1/2, Stainless	NLA	X	X	X	X
524	Screw #8-1/2 (Side Panel & Top)	NLA	X	X	X	X
528	Side Panel LH, Grey	NLA	X	X		
528	Side Panel LH, Stainless	3021562-02	X	X		
528	Side Panel LH, Grey	NLA			X	X
528	Side Panel LH, Stainless	3021562-02			X	X
530	Side Panel RH, Grey	NLA	X	X		
530	Side Panel RH, Stainless	3021394-02	X	X		
530	Side Panel RH, Grey	NLA			X	X
530	Side Panel RH, Stainless	3021559-02			X	X
536	Top Panel, Grey	NLA	X	X	X	X
536	Top Panel, Stainless	3021432-01	X	X	X	X
537	Mounting Base-Auger Motor	3012291-01	X	X	X	X
539	Mounting Panel-Evaporator	3021586-01	X	X	X	X
PULLEYS						
185	Gear Reducer Pulley	9111002-15	X	X	X	X
190	Pulley - Auger Motor 5/8" Bore	9111002-30		X	X	X
190	Pulley - Auger Motor 1/2" Bore	NLA		X		
REFRIGERATION						
600	Drier	9151004-04	X	X	X	X
602	Expansion Valve - Automatic	NLA	X			
605	Expansion Valve - Thermostatic (Flared)	9151006-01	X			
605	Expansion Valve - Thermostatic (Sweat)	9151006-06		X		
605	Expansion Valve	9151006-08			X	X

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Item Code	Part Description	Part #	MF 2006	CMF 2306	EMF 2306	LP 2306
REFRIGERATION (Continued)						
605	Expansion Valve Adjustable (Beg. Serial J3)	9151134-09			X	
	Evaporator Pressure Reg. Valve	9151096-01				X
610	High Pressure Control (400 PSI)	9041095-02	X	X		
610	High Pressure Control (450 PSI)	9041095-01			X	
615	Service Valve Assy	2101160-01	X	X	X	X
615	Service Valve Cap	9091086-03	X	X	X	X
625	Service Valve Core	9091086-02	X	X	X	X
REMOTE						
700	Mixing Valve (Head Pressure)	9151027-06	X	X	X	
710	Liquid Line Solenoid Body - ALCO	9151123-02	X	X	X	X
710	Liquid Line Solenoid Coil - ALCO 230V	9151123-04	X	X	X	
720	Pump Down Pressure Control	9041040-01	X	X	X	X
725	Receiver	9151060-01	X	X	X	
REMOTE CONDENSER						
740	Coupling Half (Bulkhead 1/2)	9091001-12	X	X	X	
745	Coupling Half (Bulkhead 3/8)	9091001-11	X	X	X	
750	Coupling Half Lineset (1/2)	9091001-08	X	X	X	
755	Coupling Half Lineset (1/2 W/ Service Port)	9091001-10	X	X	X	
760	Coupling Half Lineset (3/8)	9091001-02	X	X	X	
765	Coupling Half Lineset (3/8 W/ Service Port)	9091001-04	X	X	X	
766	Coupling Half Mounting Flange (1/2)	9091001-09	X	X	X	
767	Coupling Half Mounting Flange (3/8)	9091001-03	X	X	X	
770	Fan Motor (I-O-M Only)	9161110-02	X	X	X	
775	Fan Shroud (I-O-M Only)	9131356-01	X	X	X	
780	Fan Blade (I-O-M Only)	9131357-01	X	X	X	
770	Fan Motor (LARKIN ONLY)	1011179-99	X	X	X	
775	Fan Shroud (LARKIN ONLY)	1011179-97	X	X	X	
780	Fan Blade (LARKIN ONLY)	1011179-98	X	X	X	
V-BELT						
195	V-Belt #2310	9111001-01	X	X	X	X
WATER COOLED						
800	Water Valve Regulator	9041010-01	X	X	X	
805	Water Condenser	9141057-01	X	X	X	
WATER FLOAT						
810	Water Inlet Tube (4.17 FT. PLASTIC TUBE)	6021032-01			X	X
815	Water Float & Tank Assembly	9131032-01	X	X	X	X
820	Water Valve And Float Only	9131111-01	X	X	X	X
825	Float Mounting Bracket	3011828-01	X	X	X	X
WATER PURGE SYSTEM						
830	Purge Valve (230V)	9041083-02			X	X
835	Timer	9101148-01			X	X
840	Relay (230V)	9101084-02			X	X
845	Relay Socket	9101083-01			X	X

REFRIGERANT CHARGE		
MODEL	REF TYPE	OZ.
MF2006-CMF2306 AIR	R502	98
MF2006-CMF2306W	R502	37
MF2006-CMF2306 REMOTE	R502	220
EMF2306 AIR	R404A	84
EMF2306 WATER	R404A	36
EMF2306 REMOTE	R404A	240

SP=SUCTION PRESSURE

DP=DISCHARGE PRESSURE SETTING/WATER COOLED UNITS

HP= HIGH PRESSURE SAFETY CONTROL SETTING

PRESSURES		
SP	DP	HP
39		
39	225	400
39		400
45		
45	250	450
45		450

32.1 50HZ MF SERIES FLAKERS MF2005-CMF2005-EMF2305 AIR, WATER & REMOTE

Item Code	Part Description	Part Number	GRP	MF 2005	CMF 2005	EMF 2305
AIR COOLED						
5	Air Condenser	9141056-01	AC	X	X	X
5	Air Condenser	9141098-01	AC			X
20	Fan Motor	9161078-03	AC	X	X	X
AUGER MOTOR KITS						
100	Auger Motor 1/2" Shaft (Replaced By Kit)*	2061493-01	AMK	X		
100	Auger Motor 1/2" Shaft (Replaced By Kit)**	1051068-09	AMK	X	X	
*To Replace G.E. Motors Only (Includes Emerson Motor, Pulleys, Keys and Motor Mounting Bracket)						
**To Replace Emerson Motors (Includes Motor, Pulleys And Keys)						
AUGER MOTOR						
105	Auger Motor Key 5/8" Shaft	9021028-01	AM	X	X	X
110	Auger Motor 5/8" Shaft	9161097-01	AM	X	X	X
110	Auger Motor 1/2" Shaft	USE KIT	AM	X		
COMPRESSOR AND COMPONENTS (*Kit Includes Drier and Start Components)						
200	*Compressor Kit	NLA	C	X	X	
200	*Compressor Kit	NLA	C			X
210	Run Capacitor	9181009-12	C	X	X	
210	Run Capacitor	9181009-04	C			X
215	Start Capacitor	9181003-19	C	X	X	
215	Start Capacitor	9181003-31	C			X
220	Start Relay	9181010-10	C	X	X	
220	Start Relay	9181010-20	C			X
DOWN CHUTE-STAINLESS STEEL SQUARE FOAMED						
440	Switch	9101114-01	DCS	X		
DOWN CHUTE-WHITE PLASTIC ROUND						
445	Switch - Modified	3051163-01	DCP		X	
DOWN CHUTE-GREY PLASTIC ROTO-MOLDED						
445	Switch - Modified	3051163-01	DCR		X	X
ELECTRICAL						
245	Contactor	9101002-04	E	X	X	X
260	Timing Module	9101148-01	E	X	X	X
265	Relay - Auger Motor	9101170-02	E	X	X	X
280	Relay	9101084-02	E	X	X	X

REFRIGERANT CHARGE			PRESSURES		
MODEL	REF TYPE	OZ.	SP	DP	HP
MF2005-CMF2005 AIR	R502	98	39		
MF2005-CMF2005W	R502	37	39	225	400
MF2005-CMF2005 REMOTE	R502	220	39		400

SP=SUCTION PRESSURE

DP=DISCHARGE PRESSURE SETTING/WATER COOLED UNITS

HP= HIGH PRESSURE SAFETY CONTROL SETTING