

ELECTRO FREEZE®

Replacement Parts Manual with Illustrations

FREEDOM 360°
Series

**Soft Serve Freezer
Model 30CMT**

P/N 184606-01 2/03

Replacement Parts Orders

You must have the serial number of your freezer when ordering parts — parts may differ with a particular serial number of the same model.

Parts are listed using terminology that best fits the function of the part. The illustrations in this section will help you to find the correct part number and description.

Place your parts order through your local authorized Electro Freeze Distributor.

Name: _____
Address: _____

Phone: _____

If you require further assistance, contact H.C. Duke & Son, Inc., Electro Freeze, as follows:



Phone: (309) 755-4553
Fax: (309) 755-9858

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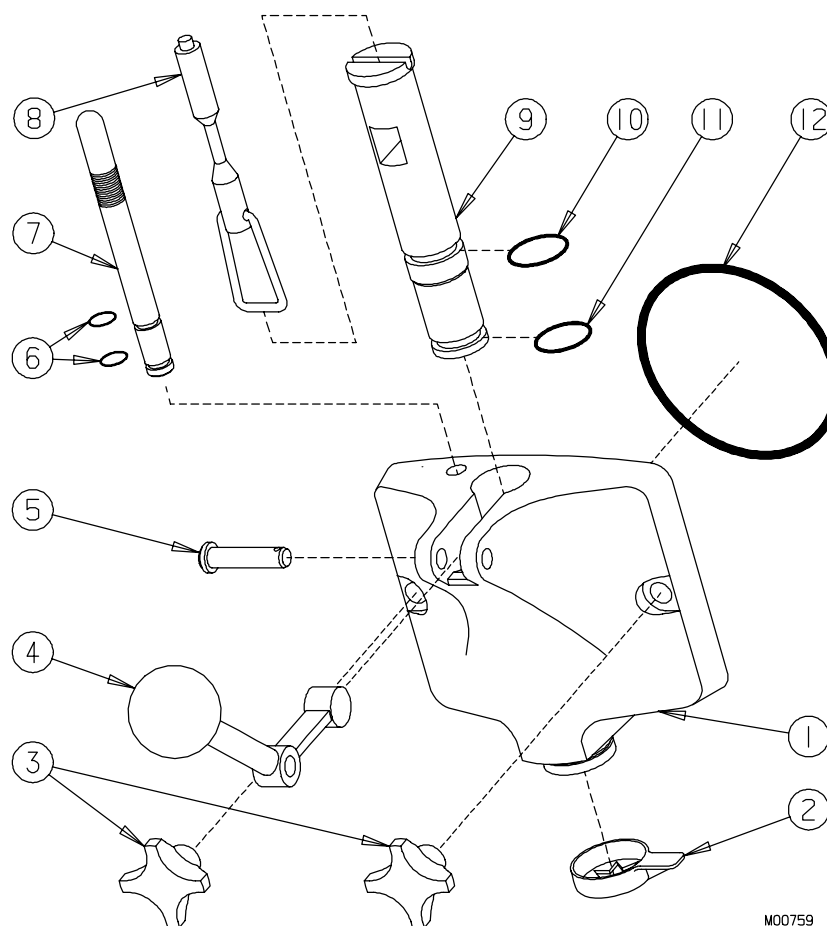


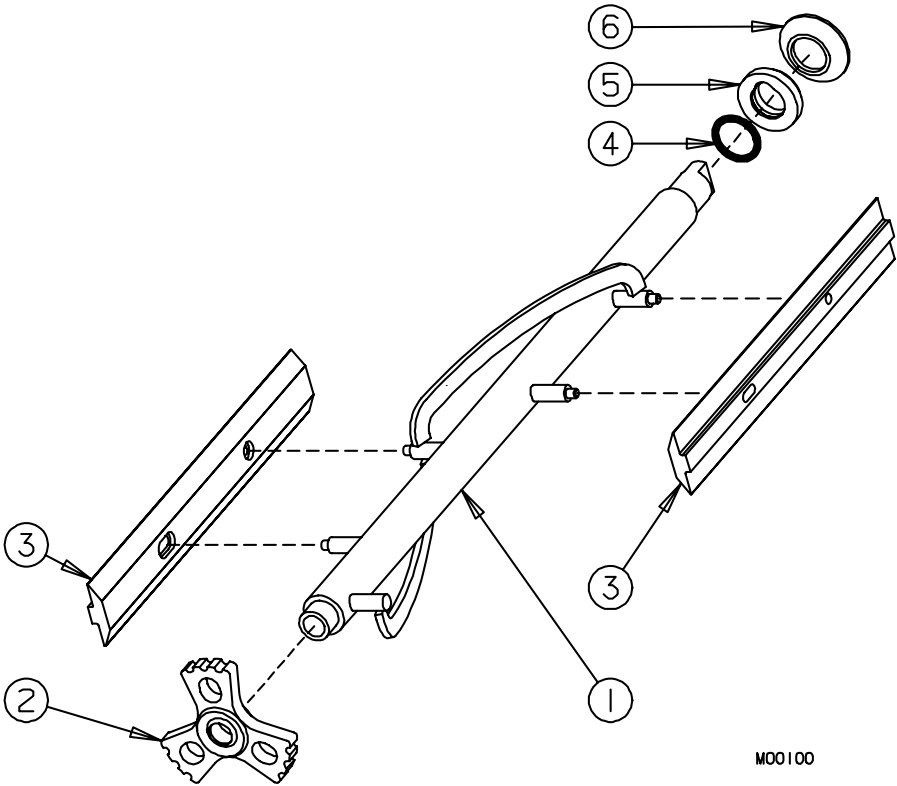
Figure 1 Head Assembly

Item	Part No.	Description
*	118902	Head-Assy.w/Actuator & Bleed (Complete)
1	118566	Head-Assy. w/Actuator (Head only)
2	196185	Nozzle-Serrated
3	136798	Knob-Hand
4	110007	Handle-Assy. Dispense includes 162629 Knob-Ball 3/8-16 TH Black
5	160268	Pin-Handle
6	160610	O-Ring (Plug)
7	138149	Plug-Air Bleed
8	113426	Push Rod-Assy. Plunger Switch
9	139581	Plunger-Dispense Self Close
10	160501	O-Ring (Plunger-Upper)
11	160582	O-Ring (Plunger-Lower)
12	159309	O-Ring (Head)

* Includes all items shown here, except 3 and 8.

Not Shown:

116410	Kit-Dispense Head Switch
114341	Stud Assy.-Cylinder 1- ¹⁵ / ₁₆ inch

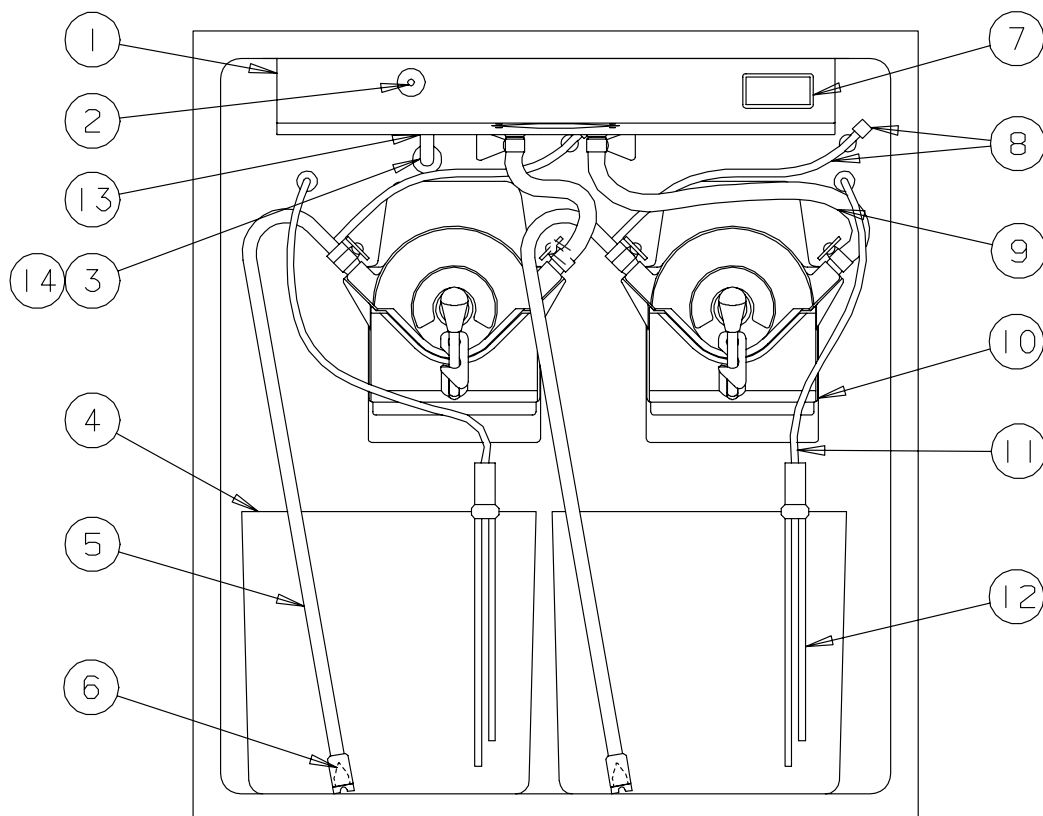


MO0100

Figure 2 Beater Shaft Assembly

Item	Part No.	Description
1	113438	Shaft-Assy. Beater
2	196085	Bushing-Cylinder
3	137334	Blade-Scraper Soft Serve
4*	160500	O-ring (Seal)
5*	133098	Washer-Shaft Seal
6*	160557	Seal-Beater Shaft

* Items 4,5,6 can be ordered together as:
111875 Seal-Assy. Shaft



M00053

Figure 3 Cabinet Parts

REF.	PART No.	DESCRIPTION	REF.	PART No.	DESCRIPTION
1	117129-01	Shroud-Assy. Evaporator includes	7	161004	Thermometer-Barrel (Cabinet)
	150532	Cord-Assy Male Plug	8	138170	Tube-Air (Hose)
	151105	Fan-Intake	8A		Meter-Air
	151076	Guard-Fan Open			(Order by Meter Number)
	161004	Thermometer-Barrel	9	116094	Hose-Assy. Mix Braided
1A	150533	Cord-Assy. Female Plug	9A	138184	Hose-Transfer Black
1B	155111	Coil-Evaporator	9B	116065	Clamp-Assy. Soft Hose 5/8
2	150509	Switch-Door Push Button	10		MTS (See Exploded View)
2A	118597	Actuator-Assy Door Switch	11	150537	Cordset-Mix Level Probe
3	196068	Tubing-.375 ID x .500 OD PVC	11A	150536	Receptacle-Molded Level Sensor
4	196222	Tank-Mix 7 Gal. 13-1/4"	12	115397	Probe-Assy. Mix Level 10-3/4" (7 Gal) includes
4A	113997	Cover-Assy. Mix Tank Front			137120 Base-Probe Mtg.
4B	138165	Cover-Rear Mix (Tank)	12A	164027	Decal-CMT Connection (MTS Hookup)
4C	199033	Boot-Mix Tube (Seal)			
5	116069	Tube-Assy. Pickup	13	160738	Clamp-Hose (Drain)
5A	116065	Clamp-Assy. Soft Hose 5/8	14	138919	Tube-Drain Support
6	199032	Duckbill-Inlet (Valve)			

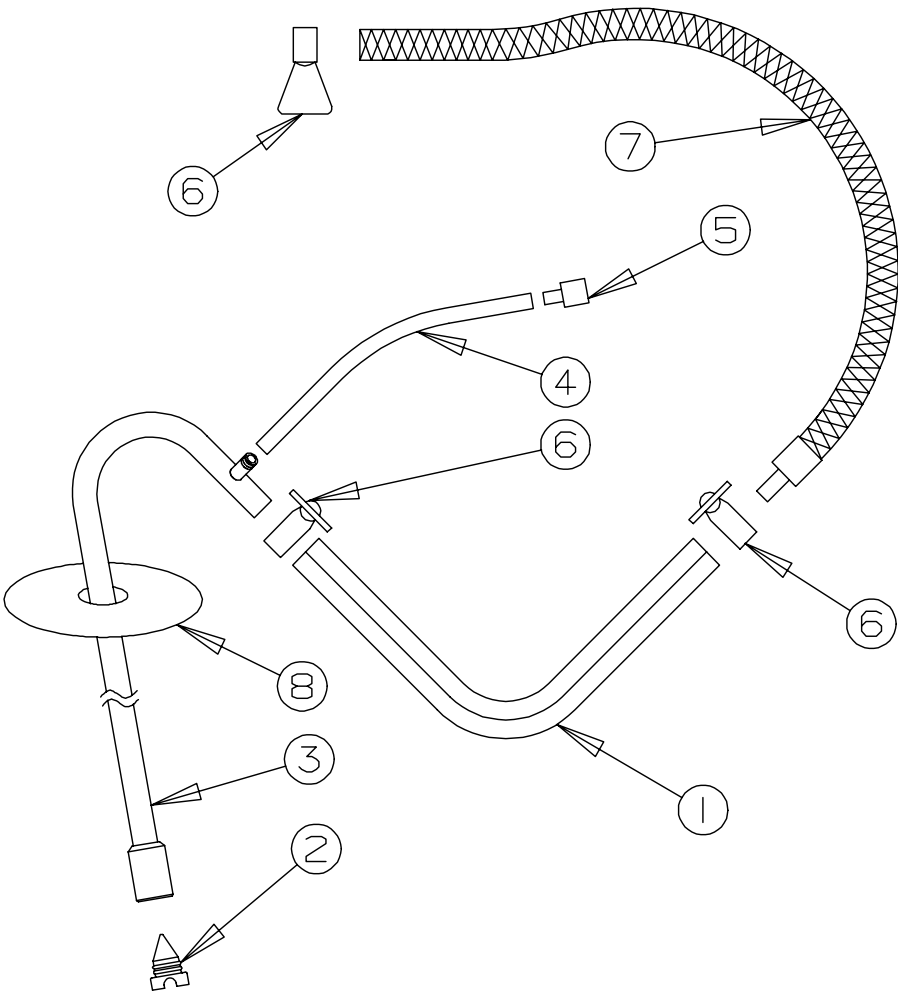


Figure 4 MTS Hose Assembly

Item	Part No.	Description
1	138184	Hose-Transfer Black
2	199032	Duckbill-Inlet (Valve)
3	116069	Tube-Assy. Pickup
4	138170	Tube-Air (Hose)
5	*	Meter-Air
6	116065	Clamp-Assy. Soft Hose 5/8
7	116094	Hose-Assy. Mix Braided
8	199033	Boot-Mix Tube (Seal)

*Order by meter number.

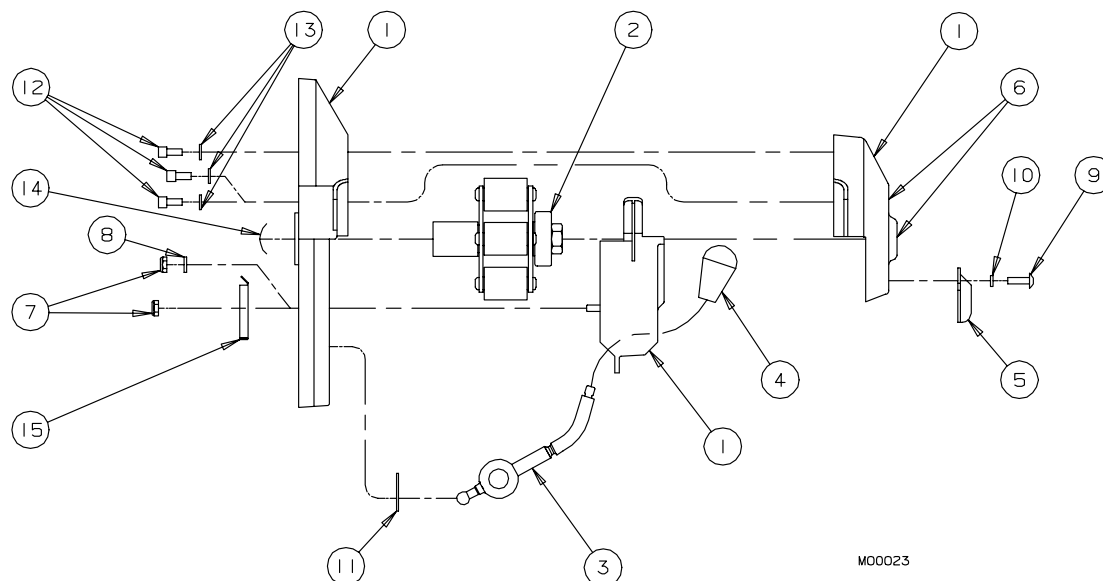


Figure 5 Mix Transfer System (MTS)

Item	Part No.	Description
*	116012	MTS-Assy. Housing-Complete
1	117054	MTS-Assy. Housing-w/o roller
2	116009-01	Kit-Roller Complete
3	116164	Handle-Assy. Round (MTS)
4	162627	Knob-Oval Taper (Handle-MTS)
5	**	Hook-Swing (Lock-MTS)
6	165018	Decal-Mix Transfer
7	159421	Nut-EL Stop #10-32
8	160157	Washer-1/2 x .196 x 1/6
9	160026	Screw-TRPM #10-32 x 5/8 (Swing Lock)
10	160158	Washer-Flat .190 x .365 x .075 SST
11	138142	Plate-Pivot Cover
12	160307	Screw-SKHC #10-32 x 7/16 SST
13	159962	Washer-Flat #10 SST
14	160145	Washer-Curved Spring
15	117125	Actuator-Assy. Slide

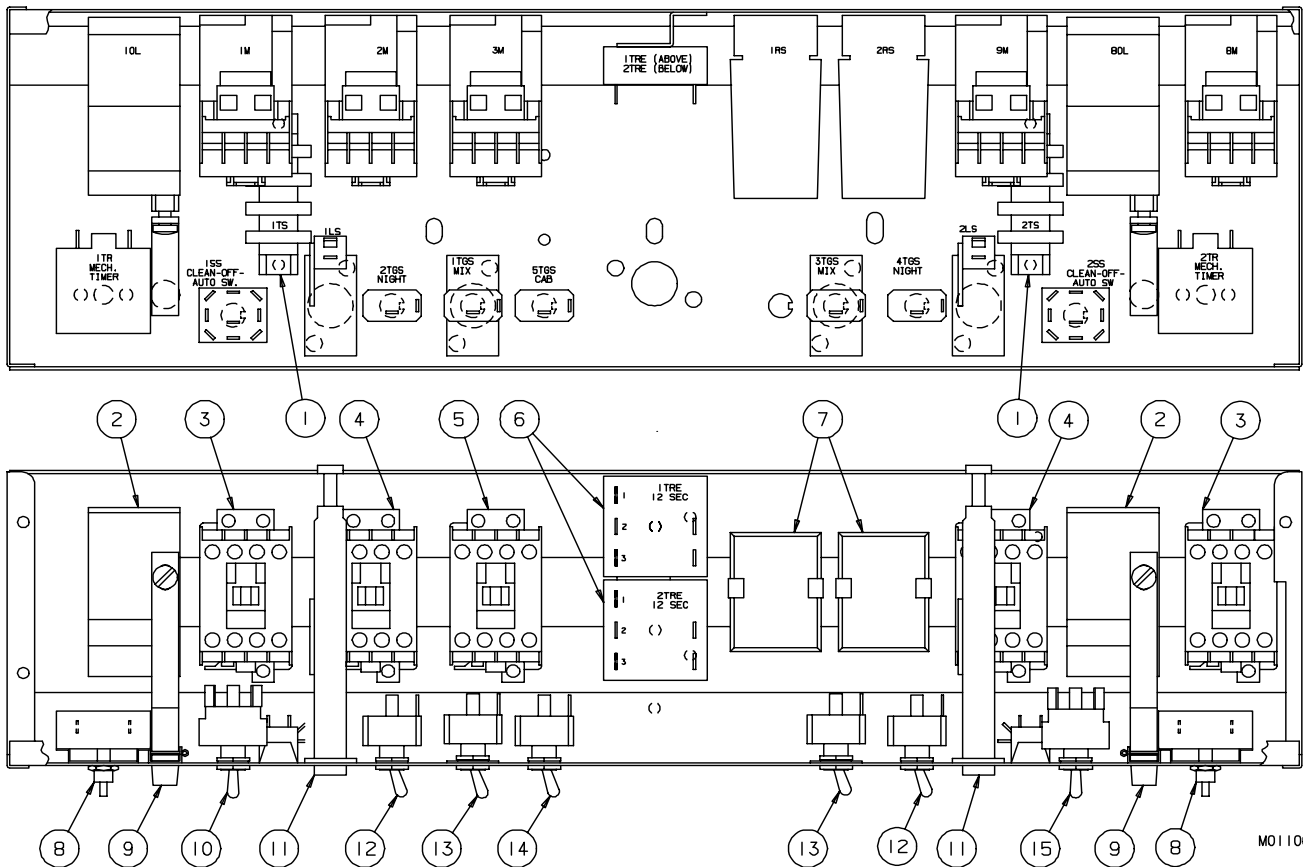
* Includes above items, except item #6 and #14.

** Order by freezer serial number

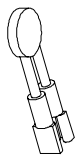
Not Shown:

159219	Screw-TRPM 1/4-20x1 SST (MTS-Mounting)
151129	Gearmotor-MTS
138369	Bushing-Alignment
116312	Gauge-Assy. Pressure Test
116411	Kit-MTS Slide Switch

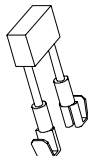
Figure 6 Switch Box (sheet 1 of 2)



Detailed Drawings of Filter and MOV Assemblies



Item #16A
MOV-Assy.
116188



Item #11A
Filter-Assy.
116125

Figure 6 Switch Box (sheet 2 of 2)

Item	Part No.	Description
1	150795	Strip-Terminal
1A	116188	Mov-Assy.
2	118359	Relay-Assy Overload 1 Phase 5-15A (Beater Motor) includes 150140 Relay-SS Overload 1 Phase 5-15A 150145 Adaptor-Overload Din Rail 150150 Button-Overload Reset Adaptor
or	118361	Relay-Assy Overload 3 Phase 3.7-12A (Beater Motor) in- cludes 150142 Relay-SS Overload 3 Phase 3.7-12A 150145 Adaptor-Overload Din Rail 150150 Button-Overload Reset Adaptor
3	150135	Contactor (Beater Motor)
3A	150134	Coil-Replacement
4	150135	Contactor (Compressor)
4A	150134	Coil-Replacement
5	150135	Contactor (Cabinet)
5A	150134	Coil-Replacement
6	150208	Timer-12 Sec Delay on Brake
7	150202	Indicator-Mix Level
7A	150119	Socket-Octal Terminal
7B	150120	Clip-Retainer
7C	150540	Indicator-Light 230v
8	15021	Timer-5 Minute Mechanical
8A	162604	Knob-Timer
9	118390	Lever-Assy Reset (Overload) includes 159036 Button-Reset
10	150465	Switch-Toggle 3PDT Ctr Off (Selector)
10A	116125	Filter-Assy.
11	114176-01	Switch-Assy. Self-Closing Plunger includes 150477 Switch-Roler Actuator SPDT 162323 Spring-Compression
12	159235	Switch-Toggle SPST (Day/Night)
13	159235	Switch-Toggle SPST (MTS)
14	159235	Switch-Toggle SPST (Cabinet)
15	150465	Switch-Toggle 3PDT Ctr Off (Selector)

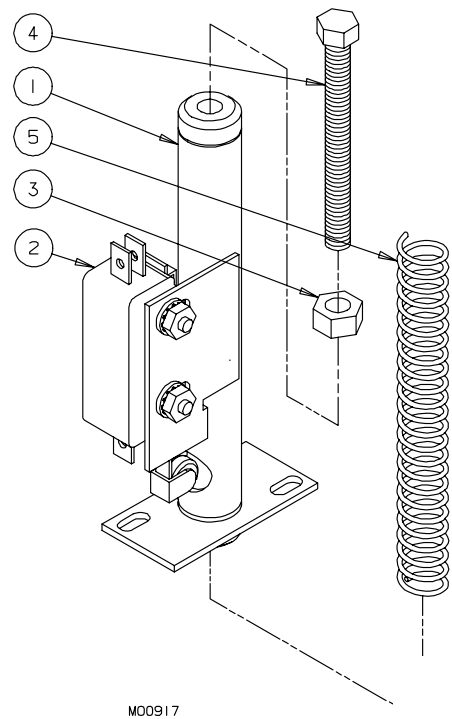


Figure 7 Switch Assembly

Item	Part No.	Description
*	114176-01	Switch-Assy. Self Closing Plunger
1	114174	Guide-Assy. Push Rod
2	150477	Switch-Roller Actuator SPDT
3	160104	Nut-HEX 1/4-20 ZN (Adjusting Bolt)
4	159965	Screw-HSHM 1/4-20 x 2-1/2" ZN (Adjusting)
5	162323	Spring-Compression

* Includes all items above.

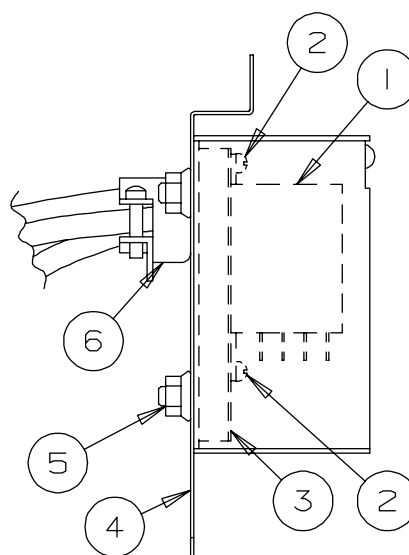
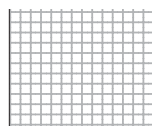
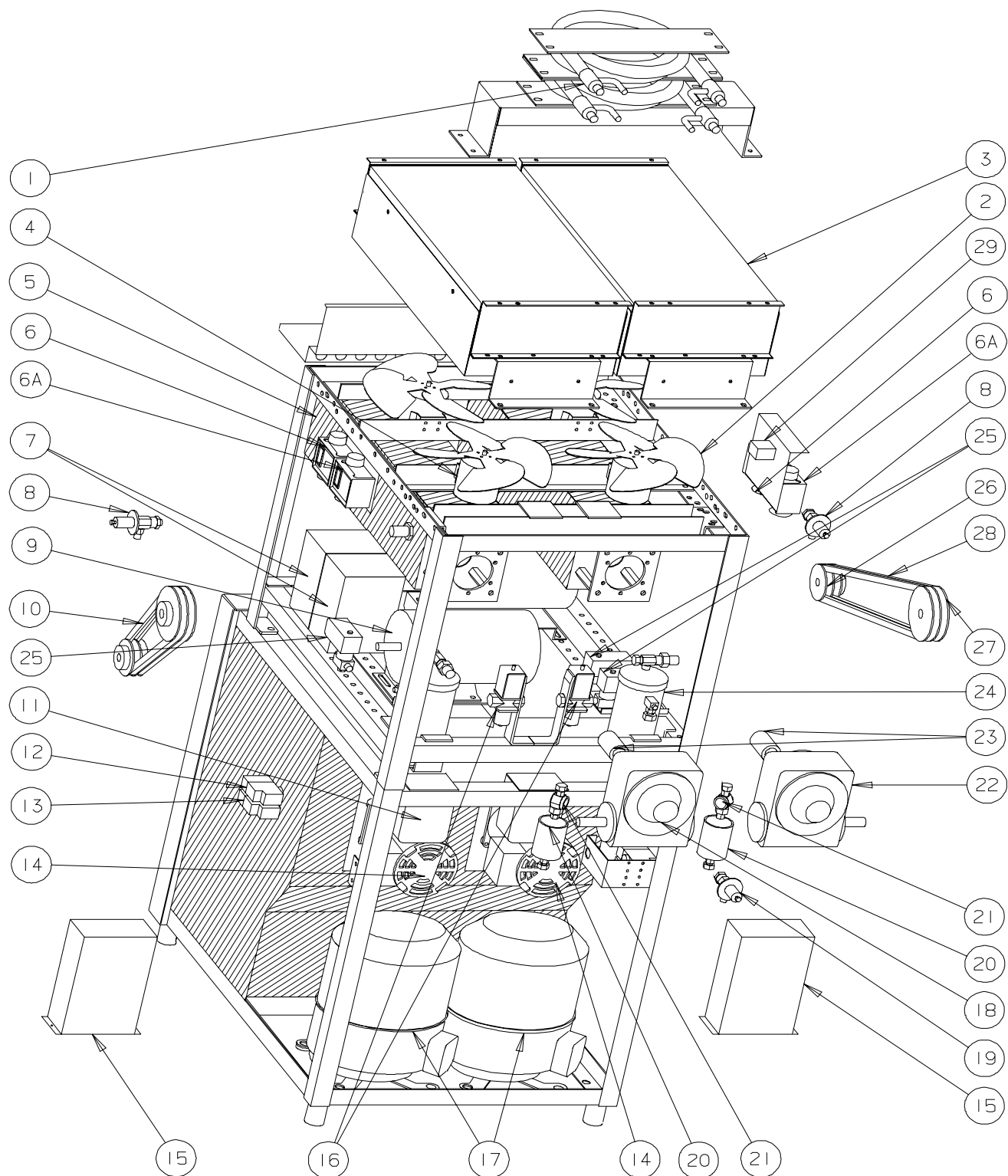


Figure 8 Relay Box — MTS

Item	Part No.	Description
*	116072	Box-Assy Relay
1	150381	Relay-Flange Base w/Cover
2	160308	Screw-RDHM #6-32 x 5/16 ZN
2A	160116	Nut-Speed #6-32 BKOX
3	138159	Bracket-Flange Relay Mtg.
4	139805	Support-MTS
5	159950	Screw-HXSf 1/4-20 x 1/2 ZN
5A	159951	Nut-HXSf 1/4-20 ZN
6	150828	Connector 1/2

* Includes all items above.

Figure 9 30CMT Side/Back View (sheet 1 of 2)



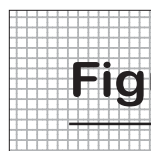
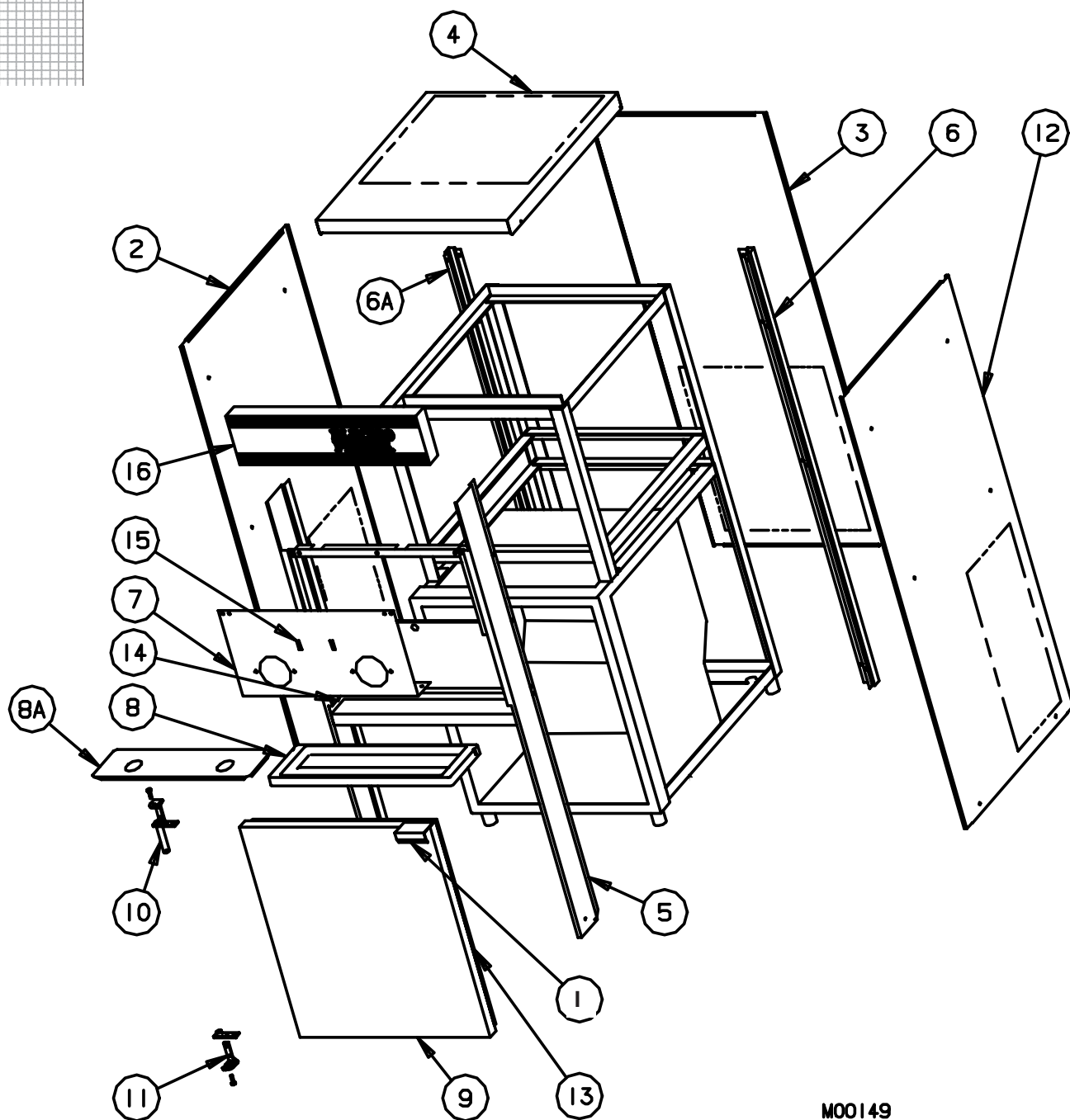


Figure 9 30CMT Side/Back View (sheet 2 of 2)

Item	Part No.	Description	Item	Part No.	Description
1	155029	Condenser-Water S1	or	118685	Compressor-Assy (1 Phase) (Maneurop) includes
2	159023	Blade-Fan 11" 36° (Air Cooled)		151447	Capacitor-Run
3	155120-C	Condenser-Air		151448	Kit-Compr. Start Cap & Relay
4	151077-01	Motor-Fan 50w 230v 60hz (Air Cooled)		155054	Filter-Drier
5	118600	Cylinder-Assy. Complete RH	or	118235	Compressor (3 Phase) (Tecumseh) includes
5A	118601	Cylinder-Assy. Complete LH		155054	Filter-Drier
5B	117014	Kit-Pressure Switch		155419	Valve-Access
5C	116410	Kit-Dispense Head Switch	or	118686	Compressor (3 Phase) (Maneurop) includes
6	155442	Thermostat-Low (Day)		155054	Filter-Drier
6A	155442	Thermostat-Low (Night)			
7	113442	Box-Assy Capacitors (Motor) (1 ph. only) includes	17A	151433	Grommet-Compressor Mtg. (Tecumseh)
		150872 Capacitor-Start (2)	17B	151434	Sleeve-Compressor Mtg. (Tecumseh)
		150318 Capacitor-Run	17C	151446	Kit-Maneurop Compr. Mtg.
8	155448	Valve-Automatic Expansion (Cylinder)	18	153356	Reducer-Gear RH
9	151052	Motor-Beater 2 hp (3 ph.)	19	155449	Valve-Automatic Expansion (Cabinet)
	118140	Kit-Motor & Cap 2 hp (1 phase) includes	20	155054	Filter-Drier
		150872 Capacitor-Start (2)	21	155059	Glass-Sight
		150318 Capacitor-Run	22	153355	Reducer-Gear LH
10	153162	Belt-Pulley RH	23	111964	Coupling-Assy 1 in Drive
11	--	Box-Assy. MTS (See Figure 8)	24	155057	Receiver 3 lb 3/8 ID (Air and Water Cooled)
12	155425	Cut Out-High Pressure		155043	Receiver-12 lb 1/2SAE (Air Cooled Remote)
13	155403	Cut Out-Low Pressure (Air and Water Cooled)	25	155421	Valve-Solenoid
	155465	Cut Out-Low Pressure (Air Cooled Remote)	25A	155434	Kit-Solenoid Valve
14	151129	Gearmotor-1/8 hp (MTS Motor)	26	153626	Sheave-7/8 Bore 3.25 OD (Pulley-Driver)
15	151362	Box-Assy. Capacitor & Relay (1 ph. only)(Tecumseh) includes		153322	Key-Drive 3/16 sq x 1-1/2
		150398 Capacitor-Start		160495	Screw-SK Set 5/16-18 x 3/8
		150399 Capacitor-Run	27	153625	Sheave-5/8 Bore 4.75 OD (Pulley-Driven)
		150401 Relay-Start		153322	Key-Drive 3/16 sq x 1-1/2
	151447	Capacitor-Run (1 ph only) (Maneurop)		160495	Screw-SK Set 5/16-18 x 3/8
	151448	Kit-Compr. Start Cap & Relay (1ph only) (Maneurop)	28	153171	Belt-V LH
16	112080	Valve-Assy.Water includes	29	118868	Thermostat-Assy. w/Cover (Cabinet)
		155410 Valve-Water			
16A	155444	Kit-Water Valve			
17	118234	Compressor-Assy (1 Phase) (Tecumseh) includes	Not Shown:		
		151632 Box-Assy. Capacitor & Relay		117133	Pan-Assy. Condensate
		155054 Filter-Drier		161216	Sensor-10K Thermistor
		155419 Valve-Access	LH or RH — Left or right hand is determined as you face the front of freezer.		

Figure 10 Panels — 30CMT (sheet 1 of 2)



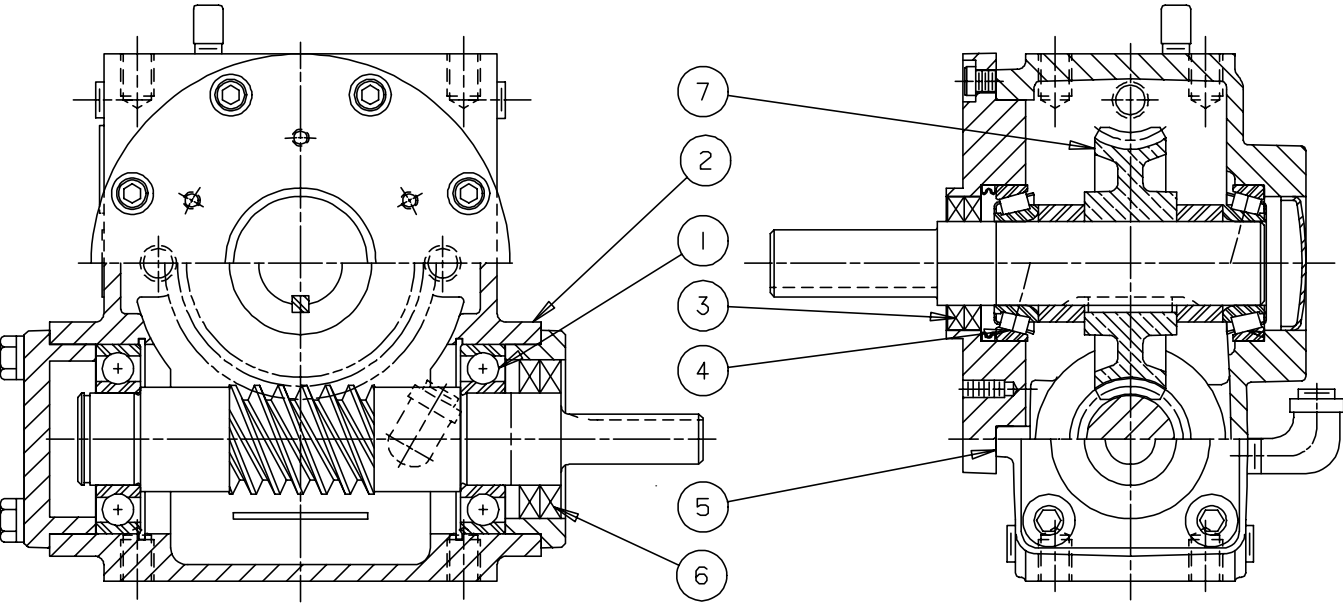
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Figure 10 Panels — 30CMT (sheet 2 of 2)

Item	Part No.	Description
1	136199	Pull-Door
2	136289-C	Panel-Side LH
3	136313-C	Panel-Rear (Water or Air Cooled)
3A	138982	Panel-Upper Rear (Air Cooled Remote)
3B	138983	Panel-Lower Rear (Air Cooled Remote)
4	114157	Panel Assy.-Top (Water Cooled or Air Cooled Remote)
4A	116567-C	Panel Assy.-Top (Air Cooled)
5	113983-C	Panel-Assy Front
6	130021-C	Channel-Rear RH
6A	135254-C	Channel-Rear LH
7	139221	Panel-Dispense
8	196108	Tray-Drip 26 inch Black
8A	114608	Insert-Assy. Drip Tray includes 136898 Insert-Drip Tray 199030 Bumper-Rubber
9	114260-C	Door Assy.-Complete includes 136199 Pull-Door 160563 Gasket-Magnetic
9A	118597	Actuator-Assy. Door Switch
10	162045	Hinge-Pivot 1-3/8 Top includes 162052 Spring-LH
11	162046	Hinge-Pivot 1-3/8 Bottom
12	136216-C	Panel-Side RH
13	160563	Gasket-Magnetic
14	114374	Tube-Assy. Drain
15	150540	Lights-Mix Indicator
16	115292-03	Trimstrip-Assy EF Decal 26 inch 165188-01 Decal-Trimstrip EF Logo 26 inch

Hardware for 30CMT Panels				
Panel	Screw	Nut-Speed	Spacer	Nut-Speed on Frame
Channel-Rear	160048	160117	n/a	n/a
Dispense	160076	159132	n/a	n/a
Front	160076	159132	n/a	159067
Rear	160048	160114	138456	n/a
Side	159219	160114	138546	n/a
Top	160305	n/a	n/a	n/a
Trimstrip	160076	n/a	n/a	n/a
n/a - Not Applicable				

Decals	
Part No.	Description
165119	6" Air Flow (A/C)
165025	Beater Warning
164113	Cleaning Instructions
165093	Clear Overlay
164027	CMT Connection
165013	CMT Patent
165133	MTS Trimstrip LH
165134	MTS Trimstrip RH
164004-01	Operating Instructions
165126	Panel Removal
165124	Top Air Discharge
169048	Ventilation
165246	Warning Pressurized



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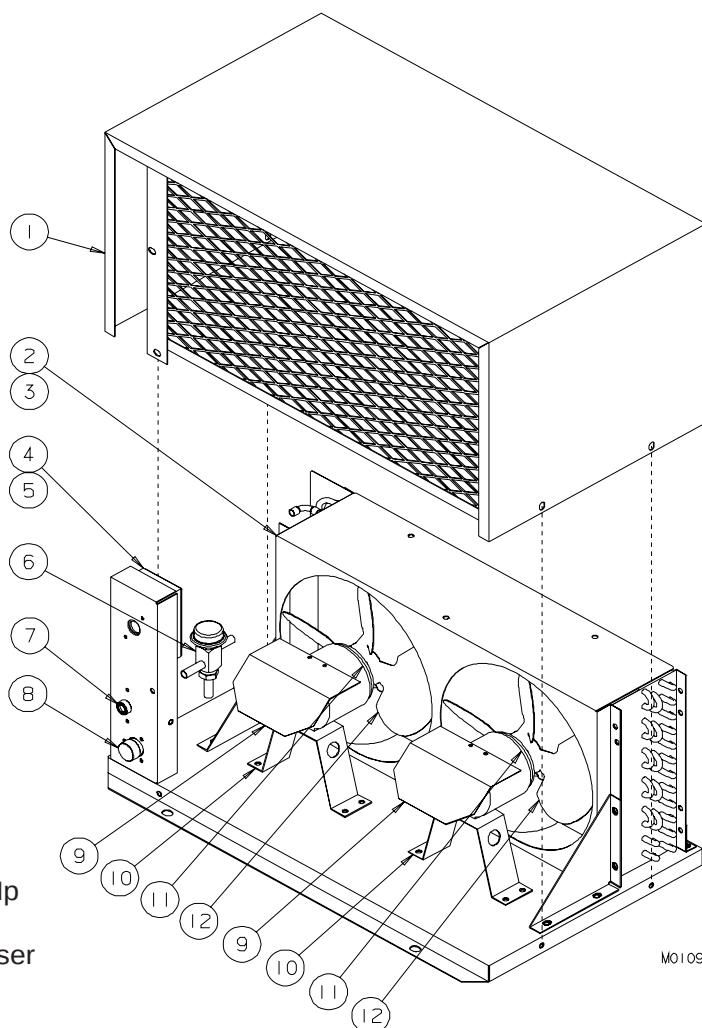
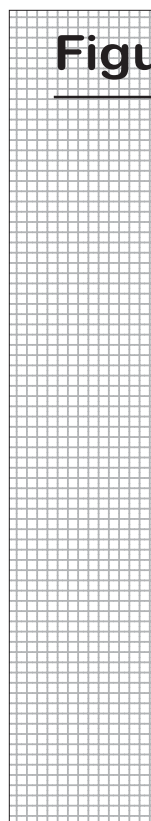
Figure 11 Gear Reducers

Model HCD926

153355 10:1 Ratio A Side 153356 10:1 Ratio B Side

Item	Part No.	Description	Quantity Required
1	153065	Bearing-Ball 1.378 ID x 2.835 OD	2 ea.
2	153066	Gasket-High Speed	1 ea.
3	153071	Seal-Slow Speed	2 ea.
4	153068	Bearing-Slow Speed Cone 1.25"	2 ea.
4A	153069	Bearing-Slow Speed Cup 2.328"	2 ea.
5	153070	Gasket-Slow Speed	1 ea.
6	153067	Seal-High Speed	2 ea.
7	153301	Gear-Slow Speed	1 ea.
	118742	Kit-Reducer Gasket Model HCD926	
	158055	Oil-Special Gear Lube	

Figure 13 Air Cooled Remote Condenser



M01092

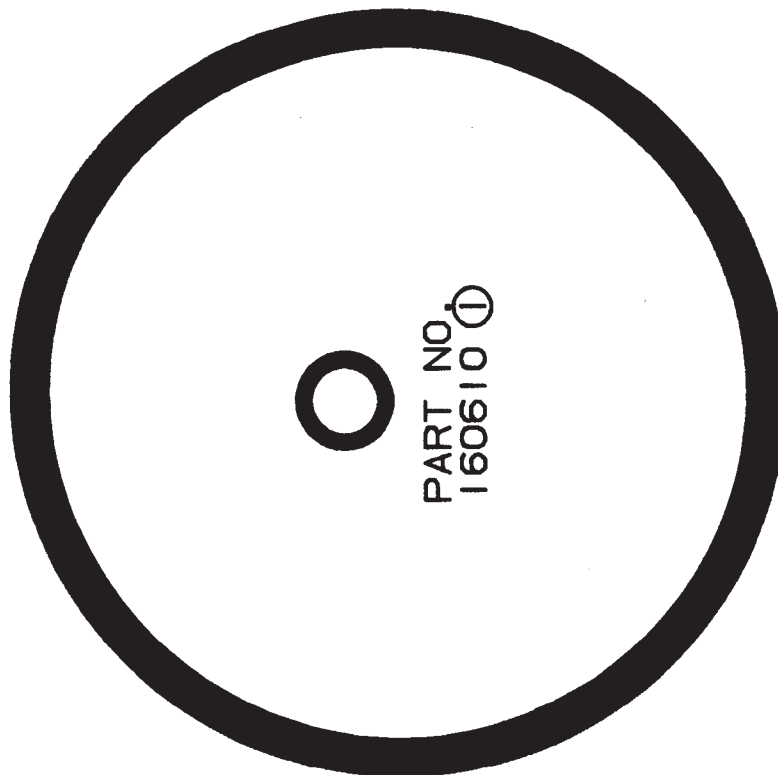
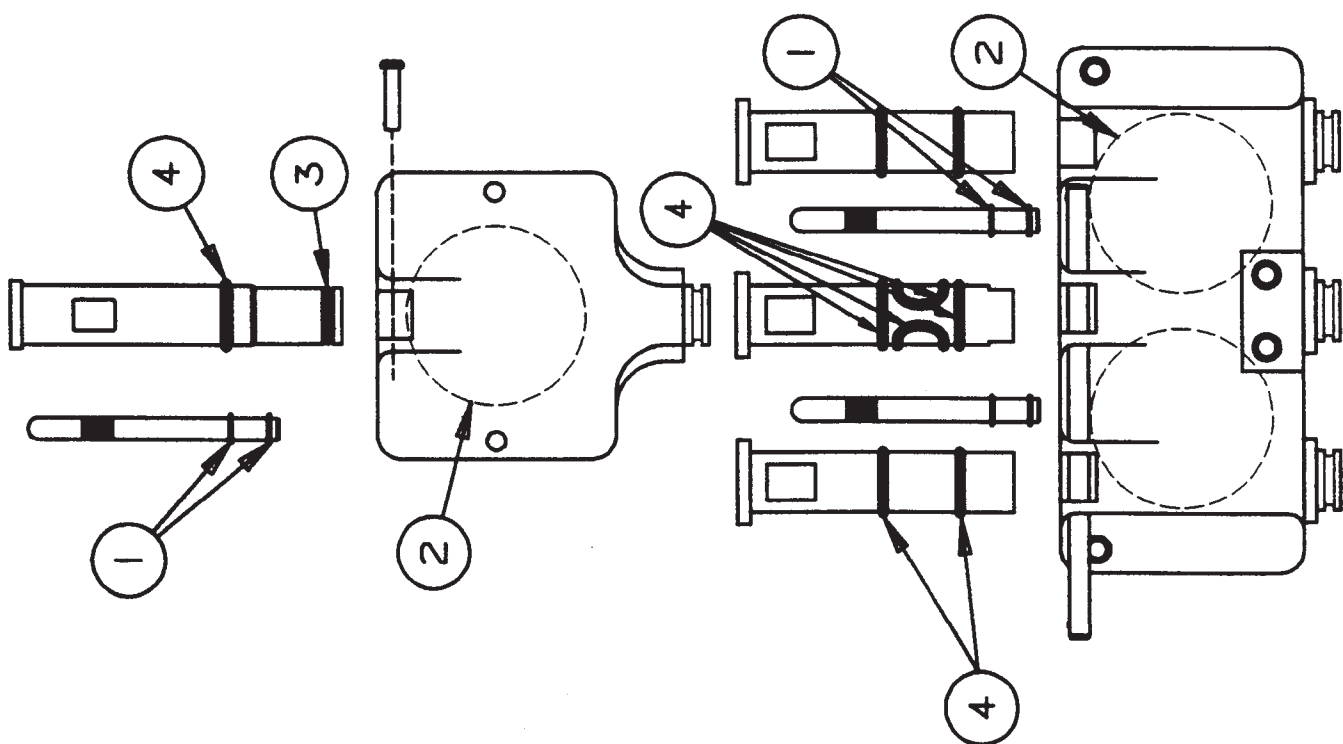
REF.	PART No.	DESCRIPTION
*	116781-01	Condenser-Assy. 2 Hp Remote (Complete)
1	117207	Cover-Assy. Condenser
2	155120-C	Condenser-Air
3	138465	Shroud-Fan
4	150732	Box-Electric 2-3/4 x 4-1/2 x 2
5	150737	Cover-Electric Box 2-3/4 x 4-1/2
6	155454	Valve-Head Pressure Control
7	153420	Coupling-Refr. 3/8 MQC 3/8 SW
7A	140039	Plate-Coupling Mtg.
8	153418	Coupling-Refr. 1/2MQC 1/2 SW
8A	153502	Flange-Refr. Coupling Mount 1/2
8B	153503	Cap-Dust Refr. Coupling
9	139017	Shield-Motor Rain
10	137632	Bracket-Fan Condenser
11	151072	Motor-Fan 50W 230V 60Hz
12	159029	Blade-Fan 11" Dia 36°

* Includes all items above.

- 155058 Receiver-12 lb. Horizontal Mount (not shown)
- 155465 Cut Out-Low Pressure (not shown)
- 155466 Control-Pressure Fan (not shown)
- 119124 Kit-25 Foot Line Sets 404a
- 119125 Kit-50 Foot Line Sets 404a

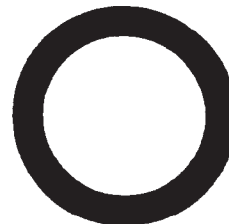
Accessories

Part No.	Description
196103	Bottle-Wash 500 ml
158004	Brush-4" w/36" handle
158009	Brush-4" dia w/o handle
158018	Brush-7/16" Dia x 12" Overall Length
158019	Brush-9/16" Dia x 30" Overall Length
158026	Brush-1" Dia 12" Long
162105	Caster-1-1/4" ST w/ Brake
162106	Caster-1-1/4" ST w/o Brake
116100	Kit-O-ring
112978	Leg-Assy. Six inch
158000A	Lubricant-Petrol Gel (per tube)
158013	Sanitizer-Stera Sheen (sample)
158104	Sanitizer-Stera Sheen (per case)
158014A	Sanitizer-Stera Sheen (per jar)
158049	Scale-Overrun
169374	Tool-O-ring Removal
184805	Video-Mix Transfer System
184251	Chart-O-ring SCP



PART NO.
160610 ①

PART NO.
159309 ②



PART NO.
160501 ④



PART NO.
160582 ③

O-RING CHART

Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203–230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Actuator-Assy. Door Switch	114630	1	K2Y-2452 — H2F
Actuator-Assy. Door Switch	118597	1	H2F —
Actuator-Assy. Slide	117125	1	K2Y-2452 —
Base-Probe Mtg.	137120	2	K2Y-2452 —
Bearing-Ball 1.378 ID x 2.835 OD (HCD926 Gear Reducer)	153065	2	See Reducer-Gear
Bearing-High Speed Cone ¾" (4CB Gear Reducer)	153015	4	See Reducer-Gear
Bearing-High Speed Cup ¾"(4CB Gear Reducer)	153014	4	See Reducer-Gear
Bearing-Slow Speed Cone 1"(4CB Gear Reducer)	153012	4	See Reducer-Gear
Bearing-Slow Speed Cup 1" (4CB Gear Reducer)	153011	4	See Reducer-Gear
Bearing-Slow Speed Cone 1.25" (HCD926 Gear Reducer)	153068	2	See Reducer-Gear
Bearing-Slow Speed Cup 2.328" (HCD926 Gear Reducer)	153069	2	See Reducer-Gear
Belt-V RH (Pulley)	153162	2	K2Y-2452 —
Belt-V LH	153171	2	K2Y-2452 —
Blade-Fan 11-inch Dia. 26° (R502) A/C	159020	4	K2Y-2452 — I2A-2278 ¹
Blade-Fan 11-inch Dia. 36° (R404a) A/C	159023	4	I2A-2278 ¹ —
Blade-Fan 11" Dia 36° (Air Cooled Remote)	159029	2	K2Y-2452 —
Blade-Scraper Soft Serve	137334	4	K2Y-2452 —
Bolt-Pivot (NLA use Hinge-162045)	162054	1	K2Y-2452 —
Boot-Mix Tube (Seal)	199033	2	K2Y-2452 —
Bottle-Wash	196103	1	K2Y-2452 —
Box-Assy Relay	116072	2	K2Y-2452 —
Box-Electric 2-3/4x4-1/2x2 (Air Cooled Remote)	150732	1	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Bracket-Assy. Electric Box (Air Cooled Remote)	117197	1	K2Y-2452 —
Bracket-Capacitor and Relay Box (1 ph)	135923	1	K2Y-2452 —
Bracket-Fan Condenser (Air Cooled Remote)	137632	2	K2Y-2452 —
Bracket-Flange Relay Mtg. (MTS Relay Box)	138159	1	K2Y-2452 —
Brush-1/4 Dia 2 Lg 6-1/2 Overall Length	158022	1	K2Y-2452 —
Brush-4 in. dia w/o handle	158009	1	K2Y-2452 —
Brush-4 in. w/36 in. handle	158004	1	K2Y-2452 —
Brush-7/17 Dia x 12 in Overall Length	158018	1	K2Y-2452 —
Brush-9/16 Dia x 30 in. Overall Length	158019	1	K2Y-2452 —
Bumper-Rubber (Drip Tray Insert)	199030	4	K2Y-2452 —
Bushing-Alignment Loaner (MTS Pump)	138369	1	K2Y-2452 —
Bushing-Alignment Purchase (MTS Pump)	138369-01	1	K2Y-2452 —
Bushing-Cylinder (Head Assembly)	196085	2	K2Y-2452 —
Button-Reset	159036	2	K2Y-2452 —
Cap-Dust Refr. Coupling (Air Cooled Remote)	153503	1	C2I —
Capacitor-Beater Motors	<i>See Motor-Beater</i>		
Capacitor-Compressor	<i>See Compressor-Assy.</i>		
Caster-1-1/4 ST w/ Brake	162105	2	K2Y-2452 —
Caster-1-1/4 ST w/o Brake	162106	2	K2Y-2452 —
Catch-Bullet (Button-Drip Tray)	159175	2	K2Y-2452 —
Channel-Rear LH	135254-C	1	K2Y-2452 —
Channel-Rear RH	130021-C	1	K2Y-2452 —
Chart-O-ring EF Pressurized SS	184235	1	K2Y-2452 — I2F-2703
Chart-O-ring SCP	184251	1	I2F-2704 —
Clamp-Assy. Soft Hose 5/8	116065	6	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203–230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)	
Clamp-Hose (Drain)	160738	1	K2Y-2452	—
Clip-Retainer	150120	4	K2Y-2452	—
Coil-Evaporator (Cabinet MJ70)	155109	1	K2Y-2452	— K2B-277
Coil-Evaporator (Cabinet-Ceiling Type)	155111	1	K2B-278	—
Coil-Replacement	150108	8	K2Y-2452	— C2G-519
Coil-Replacement	150134	*	C2G-520	—
Compressor-Assy (1 Phase)(NLA use #118234)	116973	2	G2A-1823	— I2E-2684
Box-Assy. Capacitor & Relay	151356	2	G2A-1823	— I2E-2684
Capacitor-Run	150362	2	G2A-1823	— I2E-2684
Capacitor-Start	150361	2	G2A-1823	— I2E-2684
Relay-Start	150363	2	G2A-1823	— I2E-2684
Drier-Filter	155054	2	G2A-1823	— I2E-2684
Compressor-Assy (1 Phase)(Tecumseh-AV)	118234	2	I2E-2746	— L2E-3489
Box-Assy. Capacitor & Relay	151362	2	I2E-2746	— L2E-3489
Capacitor-Run	150399	2	I2E-2746	— L2E-3489
Capacitor-Start	150398	2	I2E-2746	— L2E-3489
Relay	150401	2	I2E-2746	— L2E-3489
Drier-Filter	155054	2	I2E-2746	— L2E-3489
Valve-Access	155419	2	I2E-2746	— L2E-3489
Compressor-Assy (1 Phase)(NLA use #118234)	116973	2	L2E-3492	— L2E-3502
Box-Assy. Capacitor & Relay	151356	2	L2E-3492	— L2E-3502
Capacitor-Run	150362	2	L2E-3492	— L2E-3502
Capacitor-Start	150361	2	L2E-3492	— L2E-3502
Relay-Start	150363	2	L2E-3492	— L2E-3502
Drier-Filter	155054	2	L2E-3492	— L2E-3502
Compressor-Assy (1 Phase)(Tecumseh-AV)	118234	2	L2E-3510	—
Box-Assy. Capacitor & Relay	151362	2	L2E-3510	—
Capacitor-Run	150399	2	L2E-3510	—
Capacitor-Start	150398	2	L2E-3510	—
Relay	150401	2	L2E-3510	—
Drier-Filter	155054	2	L2E-3510	—
* As Required				
** Items Included In O-Ring Kit No. 116100				
*** LH or RH — Left or right hand is determined as you face the front of freezer.				
NLA No Longer Available				
¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)	
Valve-Access	155419	2	L2E-3510	—
Compressor-Assy (1 Phase)(Maneurop)	118685	2	C2G-664	—
Capacitor-Run	151447	2	C2G-664	—
Kit-Compr. Start Capacitor & Relay	151448	2	C2G-664	—
Drier-Filter	155054	2	C2G-664	—
Compressor-Assy. (3 Phase)(NLA use #118235)	117018	2	K2Y-2452	— H2E-2318
Drier-Filter	155054	2	K2Y-2452	— H2E-2318
Compressor-Assy. (3 Phase)(Tecumseh-AV)	118235	2	H2E-2321	— H2E-2321
Drier-Filter	155054	2	H2E-2321	— H2E-2321
Valve-Access	155419	2	H2E-2321	— H2E-2321
Compressor-Assy. (3 Phase)(NLA use #118235)	117018	2	H2E-2323	— H2E-2325
Drier-Filter	155054	2	H2E-2323	— H2E-2325
Compressor-Assy. (3 Phase)(Tecumseh-AV)	118235	2	H2E-2329	— H2E-2362
Drier-Filter	155054	2	H2E-2329	— H2E-2362
Valve-Access	155419	2	H2E-2329	— H2E-2362
Compressor-Assy. (3 Phase)(NLA use #118235)	117018	2	H2E-2363	— I2E-2673
Drier-Filter	155054	2	H2E-2363	— I2E-2673
Compressor-Assy. (3 Phase)(Tecumseh-AV)	118235	2	I2E-2717	—
Drier-Filter	155054	2	I2E-2717	—
Valve-Access	155419	2	I2E-2717	—
Compressor-Assy. (3 Phase)(Maneurop)	118686	2	K2F-3311	—
Drier-Filter	155054	2	K2F-3311	—
Condenser-Air (Air and Air Cooled Remote)	155120-C	2	E2Z-1194	—
Condenser-Assy. 2 Hp (Complete) (Air Cooled Remote)	116781	1	K2Y-2452	— C2I
Condenser-Assy. 2 Hp (Complete) (Air Cooled Remote)	116781-01	1	C2I	—
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.				

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Condenser-Water S1 (A side)	155039	1	K2Y-2452 —
Condenser-Water S1 (B side)	155026	1	K2Y-2452 — L2G-2929
Condenser-Water	155029	1	L2G-2930 —
Connector 1/2 (Electric Box)	150828	4	K2Y-2452 —
Connector 1/2 (MTS Relay Box)	150828	1	K2Y-2452 —
Contactor (Beater Motor)	150106	2	K2Y-2452 — C2G-519
Contactor (Beater Motor)	150135	2	C2G-520 —
Contactor (Cabinet)	150106	1	K2Y-2452 — C2G-519
Contactor (Cabinet)	150135	1	C2G-520 —
Contactor (Compressor)	150106	2	K2Y-2452 — C2G-519
Contactor (Compressor)	150135	2	C2G-520 —
Cord-Assy. Male Plug	150532	1	K2Y-2452 —
Cord-Assy. Female Plug	150533	1	K2Y-2452 —
Cordset-Mix Level Probe	150537	2	K2Y-2452 —
Coupling-Assy 1 in Drive (Beater Shaft)	111964	2	K2Y-2452 —
Coupling-Refr.1/2M w/Stub (Air Cooled Remote)	153410	1	K2Y-2452 — C2I
Coupling-Refr.1/2MQC 1/2 SW (Air Cooled Remote)	153418	1	C2I —
Coupling-Refr.3/8M w/Stub (Air Cooled Remote)	153413	1	K2Y-2452 — C2I
Coupling-Refr.3/8MQC 3/8SW (Air Cooled Remote)	153420	1	C2I —
Cover-Assy. Condenser (Air Cooled Remote)	117207	1	K2Y-2452 —
Cover-Assy. Mix Tank Front (6 or 7 Gal.)	113997	2	K2Y-2452 —
Cover-Electric 2-3/4 x 4-1/2 x 2 (Air Cooled Remote)	150737	1	K2Y-2452 —
Cover-Rear Mix (6 or 7 Gal. Tank)	138165	2	K2Y-2452 —
Cut Out-High Pressure A/C (R-502)	155401	2	K2Y-2452 — I2A-2278 ¹
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Cut Out-High Pressure W/C (R-502)	155423	2	K2Y-2452 — I2A-2278 ¹
Cut Out-High Pressure (R-404a)	155425	2	I2A-2278 ¹ —
Cut Out-Low Pressure (Air Cooled Remote)	155465	2	K2Y-2452 —
Cut Out-Low Pressure (Air and Water Cooled)	155403	2	K2Y-2452 —
Cylinder-Assy. Complete LH (R-502)	116114	2	K2Y-2452 — K2F-3310
Cylinder-Assy. Complete RH (R-502)	116113-C	2	K2Y-2452 — K2F-3310
Cylinder-Assy. Complete LH (R-404a)	118601	2	K2F-3311 —
Cylinder-Assy. Complete RH (R-404a)	118600	2	K2F-3310 —
Decal-6" Air Flow	165119	1	K2Y-2452 —
Decal-Beater Warning	165025	1	K2Y-2452 —
Decal-Cleaning Instructions	165307	1	K2Y-2452 — B2I-439
Decal-Cleaning Instructions	165113	1	B2I-440 —
Decal-Clear Overlay	165093	1	K2Y-2452 —
Decal-CMT Connection	164027	1	K2Y-2452 —
Decal-CMT Patent	165013	1	K2Y-2452 —
Decal-Mix Transfer	165018	2	K2Y-2452 —
Decal-MTS Operating Instructions	164013	1	K2Y-2452 — B2I-439
Decal-MTS Trimstrip LH	164041	1	K2Y-2452 — B2I-439
Decal-MTS Trimstrip LH	165133	1	B2I-440 —
Decal-MTS Trimstrip RH	164042	1	K2Y-2452 — B2I-439
Decal-MTS Trimstrip RH	165134	1	B2I-440 —
Decal-Operating Instructions	164004-01	1	B2I-440 —
Decal-Panel Removal	165126	3	K2Y-2452 —
Decal-Top Air Discharge	165124	1	K2Y-2452 —
Decal-Trimstrip EF Logo 26 inch	165188-01	1	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203–230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Decal-Ventilation	169048	1	K2Y-2452 —
Decal-Warning Pressurized	165246	1	K2Y-2452 —
Door Assy.-Complete w/Hinges	114260-C	1	K2Y-2452 —
Drier	<i>See Filter-Drier</i>		
Duckbill-Inlet (Valve)	199032	2	K2Y-2452 —
Fan-Evaporator	<i>Order by Freezer Serial Number</i>		
Filter-Assy.	116125	2	K2Y-2452 —
Filter-Drier (R-502) w/flare (NLA use 155054)	155051	1	K2Y-2452 — F2B-1549
Filter-Drier (R-404a) w/flare (NLA use 155054)	155050	1	K2Y-2452 — F2B-1549
Filter-Drier w/sweat	155054	2	F2B-1550 —
Flange-Refr. Coupling Mount (Air Cooled Remote)	153502	1	C2I —
Flange-Refr. Coupling Mount 1/2 (Air Cooled Remote)	153415	1	K2Y-2452 — C2I
Flange-Refr. Coupling Mount 3/8 (Air Cooled Remote)	153414	1	K2Y-2452 — C2I
Gasket-High Speed (HCD926 Gear Reducer)	153066	1	<i>See Reducer-Gear</i>
Gasket-Magnetic (V-Groove-Door)	160563	1	K2Y-2452 —
Gasket-Kit (HCD926 Gear Reducer)	114874	1	<i>See Reducer-Gear</i>
Gasket-Kit (Gear Reducer Model HCD926)	118742	*	<i>See Reducer-Gear</i>
Gasket-Slow Speed (HCD926 Gear Reducer)	153070	1	<i>See Reducer-Gear</i>
Gauge-Assy. Pressure Test	116312	1	K2Y-2452 —
Gearmotor-1/8 hp (MTS Motor)	151129	2	K2Y-2452 —
Gear-Bronze (4CB Gear Reducer)	153349	2	<i>See Reducer-Gear</i>
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Gear-Input Shaft (4CB Gear Reducer)	153348	2	See Reducer-Gear
Gear-Slow Speed (HCD926 Gear Reducer)	153301	1	See Reducer-Gear
Glass-Sight-w/flare (NLA use 155059)	159203	2	K2Y-2452 — F2B-1549
Glass-Sight-w/sweat	155059	2	F2B-1550 —
Grill & Bracket Assy. (Evaporator MJ70)	155114	1	K2Y-2452 — K2B-277
Grommet-Compressor Mtg.	151433	8	K2Y-2452 —
Guard-Fan Open	151076	1	K2B-278 —
Guide-Assy.Push Rod	114174	2	K2Y-2452 —
Handle-Assy. Dispense	110007	2	K2Y-2452 —
Knob-Ball 3/7-16 TH Black	162629	2	K2Y-2452 —
Handle-Assy. Round (MTS)	116164	2	K2Y-2452 —
Handle(Pull)-Door (Cabinet)	136199	2	K2Y-2452 —
Head-Assy.w/Actuator & Bleed (Complete)	116152	2	K2Y-2452 — I2F-2703
Handle-Assy. Dispense	110007	2	K2Y-2452 — I2F-2703
Handle-Assy. Dispense (NLA)	110022	2	K2Y-2452 — I2F-2703
Knob-Ball 3/8-16 TH Black	162629	2	K2Y-2452 — I2F-2703
Head-Assy. w/Actuator	116087	2	K2Y-2452 — I2F-2703
Nozzle-Serrated	196185	2	K2Y-2452 — I2F-2703
Pin-Handle	160268	2	K2Y-2452 — I2F-2703
Plug-Air Bleed	138149	2	K2Y-2452 — I2F-2703
Plunger-Dispense	134773	2	K2Y-2452 — I2F-2703
O-Ring (Head)	159309	2	K2Y-2452 — I2F-2703
O-Ring (Plunger-Upper)	160501	4	K2Y-2452 — I2F-2703
O-Ring (Plunger-Lower)	160582	2	K2Y-2452 — I2F-2703
O-Ring (Plug)	160610	4	K2Y-2452 — I2F-2703

* As Required

** Items Included In O-Ring Kit No. 116100

*** LH or RH — Left or right hand is determined as you face the front of freezer.

NLA No Longer Available

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Head-Assy.w/Actuator & Bleed (Complete)	116152-03	2	I2F-2704 — G2H-1637
Handle-Assy. Dispense	110007	2	I2F-2704 — G2H-1637
Handle-Assy. Dispense (NLA)	110022	2	I2F-2704 — G2H-1637
Knob-Ball 3/8-16 TH Black	162629	2	I2F-2704 — G2H-1637
Head-Assy. w/Actuator	117208	2	I2F-2704 — G2H-1637
Nozzle-Serrated	196185	2	I2F-2704 — G2H-1637
Pin-Handle	160268	2	I2F-2704 — G2H-1637
Plug-Air Bleed	138149	2	I2F-2704 — G2H-1637
Plunger-Dispense	139000	2	I2F-2704 — G2H-1637
O-Ring (Head)	159309	2	I2F-2704 — G2H-1637
O-Ring (Plunger-Upper)	160501	2	I2F-2704 — G2H-1637
O-Ring (Plunger-Lower)	160582	2	I2F-2704 — G2H-1637
O-Ring (Plug)	160610	4	I2F-2704 — G2H-1637
Head-Assy.w/Actuator & Bleed (Complete)	118902	2	G2H-1638 —
Handle-Assy. Dispense	110007	2	G2H-1638 —
Knob-Ball 3/8-16 TH Black	162629	2	G2H-1638 —
Head-only	118566	2	G2H-1638 —
Nozzle-Serrated	196185	2	G2H-1638 —
Pin-Handle	160268	2	G2H-1638 —
Plug-Air Bleed	138149	2	G2H-1638 —
Plunger-Dispense Self Close	139581	2	G2H-1638 —
O-Ring (Head)	159309	2	G2H-1638 —
O-Ring (Plunger-Upper)	160501	2	G2H-1638 —
O-Ring (Plunger-Lower)	160582	2	G2H-1638 —
O-Ring (Plug)	160610	4	G2H-1638 —
Hinge-Pivot 1-3/8 Bottom	162046	1	K2Y-2452 —
Hinge-Pivot 1-3/8 Top	162045	1	K2Y-2452 —
Hook-Swing (Lock-MTS)	<i>Order by Freezer Serial Number</i>		
Hose-Assy. Mix Braided (MTS)	116094	2	K2Y-2452 —
Hose-Transfer Black (MTS)	138184	2	K2Y-2452 —
Hose (Tube)-Air Meter	138170	2	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Indicator-Light 230v	150540	2	K2Y-2452 —
Indicator-Mix Level	150202	2	K2Y-2452 —
Insert-Assy. Drip Tray	114608	1	K2Y-2452 —
Bumper-Rubber	199030	4	K2Y-2452 —
Insert-Drip Tray	136898	1	K2Y-2452 —
Key-Drive 3/16 sq x 1-1/2 (Gear Reducers)	153322	2	K2Y-2452 —
Kit-Dispense Head Switch	116410	*	K2Y-2452 —
Kit-Motor & Cap 2 hp (1 phase)	118140	*	K2Y-2452 —
Kit-MTS Slide Switch	116411	*	K2Y-2452 —
Kit-O-ring	116100	*	K2Y-2452 —
Kit-25 Foot Line Sets 404a (Air Cooled Remote)	117292	*	K2Y-2452 — C2I
Kit-25 Foot Line Sets 404a (Air Cooled Remote)	119124	*	C2I —
Kit-50 Foot Line Sets 404a (Air Cooled Remote)	117293	*	K2Y-2452 — C2I
Kit-50 Foot Line Sets 404a (Air Cooled Remote)	119125	*	C2I —
Kit-Pressure Switch	117014	*	K2Y-2452 —
Kit-Reducer Gasket Model HCD926	118742	*	C2G-529 —
Kit-Roller Complete (MTS)	116009-01	*	K2Y-2452 —
Kit-Solenoid Valve	155434	*	K2Y-2452 —
Kit-Water Valve	155444	*	K2Y-2452 —
Knob-Ball 3/8-16 TH Black (Dispensing Handle)	162629	1	K2Y-2452 —
Knob-Hand (Dispense Head)	136798	2	K2Y-2452 —
Knob-Oval Taper (Handle-MTS)	162627	2	K2Y-2452 —
Knob-Timer	162604	2	K2Y-2452 —
Label-Trimstrip MTS LH (Switches)	164047	1	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

Use only original or authorized replacement parts with this freezer.

Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Label-MTS Trimstrip RH (Switches)	164048	1	K2Y-2452 —
Leg-Assy. Six inch	112978	4	K2Y-2452 —
Lever-Overload Reset	115524	2	K2Y-2452 — C2G-528
Button-Reset	159036	2	K2Y-2452 — C2G-528
Lever-Assy Reset (Overload)	118390	2	C2G-529 —
Button-Reset	159036	2	C2G-529 —
Lights-Mix Indicator	150540	2	K2Y-2452 —
Lock(Hook)-Swing (MTS)	<i>Order by Freezer Serial Number</i>		
Lubricant-Petrol Gel (per tube)	158000A	*	
Meter-Air	<i>(Order by Meter Number)</i>		
Motor-Kit-Motor & Capacitors 2 hp (1 ph.)			
(Beater Motor)	118140	2	K2Y-2452 —
Capacitor-Run	150873	2	K2Y-2452 —
Capacitor-Start	150872	2	K2Y-2452 —
Motor-2 hp (3 ph.)(Beater Motor)	151052	2	K2Y-2452 —
Motor-Fan 50W 230v 60Hz(Air Cooled Remote)	151072	2	K2Y-2452 —
Motor-Fan 50w 230v 60Hz (Air Cooled)	151077-01	4	K2Y-2452 —
Motor-1/8 hp (MTS-Gearmotor)	151129	2	K2Y-2452 —
MOV-Assy.	116188	2	K2Y-2452 —
MTS-Assy. Housing-Complete	116012	2	K2Y-2452 —
MTS-Assy. Housing-w/o roller	117054	2	K2Y-2452 —
Nozzle-Serrated	196185	2	K2Y-2452 —
Nut-EL Stop #10-32 (MTS)	159421	4	K2Y-2452 —
Nut-Hex #6-32 ZN (Switch Assy.)	160309	4	K2Y-2452 —
Nut-Hex 1/4-20 ZN (Adjusting Bolt-Switch Assy.)	160104	2	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Nut-HXSF 1/4-20 ZN (MTS Relay Box)	159951	4	K2Y-2452 —
Nut-Speed #6-32 BKOX (MTS Relay Box)	160116	4	K2Y-2452 —
O-Ring (Head)	159309	**	K2Y-2452 —
O-Ring (Plug)	160610	**	K2Y-2452 —
O-Ring (Plunger-Lower)	160582	**	K2Y-2452 —
O-Ring (Plunger-Upper)	160501	**	K2Y-2452 —
O-Ring (Seal-Beater Shaft)	160500	**	K2Y-2452 —
Oil-Special Gear Lube (per quart)	158055	*	K2Y-2452 —
Pan-Assy. Condensate Pan (Ceiling Type)	117133	1	K2B-278 —
Pan-Condensate (MJ70)	136297	1	K2Y-2452 — K2B-277
Panel Assy.-Top (Air Cooled)	116567-C	1	K2Y-2452 —
Panel Assy.-Top (Water Cooled or Air Cooled Remote)	114157-c	1	K2Y-2452 —
Panel-Assy Front	113983-C	1	K2Y-2452 —
Panel-Dispense	139221	1	K2Y-2452 —
Panel-Lower Rear (Air Cooled Remote)	137873	1	K2Y-2452 — C2I
Panel-Lower Rear (Air Cooled Remote)	137873	1	C2I —
Panel-Rear (Water or Air Cooled)	136313-C	1	K2Y-2452 —
Panel-Side LH	136289-C	1	K2Y-2452 —
Panel-Side RH	136216-C	1	K2Y-2452 —
Panel-Switch Box E/EF Label (Trimstrip)	115292-03	1	K2Y-2452 —
Panel-Upper Rear (Air Cooled Remote)	138982	1	K2Y-2452 —
Pin-Handle (Head Assembly)	160268	1	K2Y-2452 —
Plate-Pivot Cover	138142	2	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Plug-Air Bleed	138149	2	K2Y-2452 —
Plunger-Dispense	134773	2	K2Y-2452 — I2F-2703
Plunger-Dispense	139000	2	K2Y-2452 — G2H-1637
Plunger-Dispense Self Close	139581	2	G2H-1638 —
Probe-Assy. Mix Level 10-3/4" (7 Gal.)	115397	2	K2Y-2452 —
Probe-Assy. Mix Level 8" (6 Gal.)	116439	2	K2Y-2452 —
Pull-Door (Handle Cabinet)	136199	1	K2Y-2452 —
Pulley	See "Sheave"		
Receiver-3 lb. (Air and Water Cooled) (NLA use #155057)	155040	2	K2Y-2452 — F2B-1549
Receiver-3 lb 3/8 ID (Air and Water Cooled)	155057	2	F2B-1550 —
Receiver-12 lb 1/2SAE (Air Cooled Remote)	155043	2	K2Y-2452 — C2I
Receiver-12 lb Horz. Mount (Air Cooled Remote)	155058	2	C2I —
Receptacle-Molded Level Sensor	150536	2	K2Y-2452 —
Reducer-Gear LH 10/1 4CB	153342	1	K2Y-2452 — J2C-2624
Reducer-Gear LH 10/1 HCD926	153355	1	J2C-2687 — J2C-2688
Reducer-Gear LH 10/1 4CB	153342	1	K2C-2970 — K2C-2972
Reducer-Gear LH 10/1 HCD926	153355	1	K2C-2978 — K2C-2981
Reducer-Gear LH 10/1 4CB	153342	1	K2C-2982 — C2G-528
Reducer-Gear LH 10/1 HCD926	153355	1	C2G-529 —
Reducer-Gear RH 10/1 4CB	153343	1	K2Y-2452 — J2C-2624
Reducer-Gear RH 10/1 HCD926	153356	1	J2C-2687 — J2C-2688
Reducer-Gear RH 10/1 4CB	153343	1	K2C-2970 — K2C-2972
Reducer-Gear RH 10/1 HCD926	153356	1	K2C-2978 — K2C-2981
Reducer-Gear RH 10/1 4CB	153343	1	K2C-2982 — C2G-528
Reducer-Gear LH 10/1 HCD926	153356	1	C2G-529 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Relay-Assy. Overload 6.0-10.0A (1 Phase)	114760	2	K2Y-2452 — K2E-3243
Adapter-Reset	150101	2	K2Y-2452 — K2E-3243
Kit-Line Side Terminal	150102	2	K2Y-2452 — K2E-3243
Relay-Overload	150115	2	K2Y-2452 — K2E-3243
Relay-Assy. Overload (1 Phase)	<i>Contact Factory</i>		K2E-3244 — E2F-1349
Relay-Assy. Overload 6.0-10.0A (1 Phase)	114760	2	E2F-1350 — C2G-519
Adapter-Reset	150101	2	E2F-1350 — C2G-519
Kit-Line Side Terminal	150102	2	E2F-1350 — C2G-519
Relay-Overload	150115	2	E2F-1350 — C2G-519
Relay-Assy Overload 1 Phase 5-15A	118359	2	C2G-520 —
Adapter-Overload Din Rail	150145	2	C2G-520 —
Button-OL Reset Adapter	150150	2	C2G-520 —
Relay-SS Overload 1 Phase 5-15A	150140	2	C2G-520 —
Relay-Assy. Overload 5.5-8.0A (3 Phase)	114759	2	K2Y-2452 — K2E-3243
Adapter-Reset	150101	2	K2Y-2452 — K2E-3243
Kit-Line Side Terminal	150102	2	K2Y-2452 — K2E-3243
Relay-Overload	150114	2	K2Y-2452 — K2E-3243
Relay-Assy. Overload (3 Phase)	<i>Contact Factory</i>		K2E-3244 — E2F-1349
Relay-Assy. Overload 5.5-8.0A (3 Phase)	114759	2	E2F-1350 — C2G-519
Adapter-Reset	150101	2	E2F-1350 — C2G-519
Kit-Line Side Terminal	150102	2	E2F-1350 — C2G-519
Relay-Overload	150114	2	E2F-1350 — C2G-519
Relay-Assy. Overload 3 Phase 3.7-12A	118361	2	C2G-520 —
Adapter-Overload Din Rail	150145	2	C2G-520 —
Button-OL Reset Adapter	150150	2	C2G-520 —
Relay-SS Overload 3 Phase 3.7-12A	150142	2	C2G-520 —
Relay-Flange Base w/Cover (Electric Box)	150381	2	K2Y-2452 — B2I-439
Relay-Flange Base w/Cover (MTS Relay Box)	150381	1	K2Y-2452 —
Relay-Start	<i>See Compressor</i>		
Resistor-Assy	116154	2	C2Y-611 — B2I-439
Rod(Push)-Assy. Plunger Switch	113426	2	K2Y-2452 —

* As Required

** Items Included In O-Ring Kit No. 116100

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NLA No Longer Available

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203–230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Roller-Kit (MTS)	116009-01	*	K2Y-2452 —
Sanitizer-Stera Sheen (per case)	158014	*	K2Y-2452 —
Sanitizer-Stera Sheen (per jar)	158014A	*	K2Y-2452 —
Sanitizer-Stera Sheen (sample)	158013	*	K2Y-2452 —
Scale-Overrun	158049	1	K2Y-2452 —
Screw-HXHM 1/4-20 x 2-1/2 (Adjusting-Switch)	159965	2	K2Y-2452 —
Screw-HXSf 1/4-20 x 1/2ZN (MTS Relay Box)	159950	2	K2Y-2452 —
Screw-RDHM #6-32 x 5/16ZN(MTS Relay Box)	160308	2	K2Y-2452 —
Screw-SK Set 5/16-18 x 3/8 (Gear Reducer)	160495	2	K2Y-2452 —
Screw-SKHC #6-32 x 1 BKOX (Switch Assy.)	160381	4	K2Y-2452 —
Screw-SKHC #10-32 x 7/16 SST (MTS)	160307	6	K2Y-2452 —
Screw-TRPM #10-32 x 5/8 (MTS-Swing Lock)	160026	2	K2Y-2452 —
Screw-TRPM 1/4-20x1 SST (MTS-Mounting)	159219	4	K2Y-2452 —
Seal-Assy. Shaft	111875	2	K2Y-2452 —
O-Ring	160500	2	K2Y-2452 —
Seal-Beater Shaft	160557	2	K2Y-2452 —
Washer-Shaft Seal	133098	2	K2Y-2452 —
Seal(Boot)-Mix Tube	199033	2	K2Y-2452 —
Seal-Oil 4½ BT 63 x 141 (4CB Gear Reducer)	153053	4	See Reducer-Gear
Seal-Oil 63 x 291 (4CB Gear Reducer)	153051	4	See Reducer-Gear
Seal-High Speed (HCD926 Gear Reducer)	153067	2	See Reducer-Gear
Seal-Slow Speed (HCD926 Gear Reducer)	153071	2	See Reducer-Gear
Sensor-10K Thermistor	161216	2	K2F-331 —
Shaft-Assy. Beater	113438	2	K2Y-2452 —
Shaft-Input (4CB Gear Reducer)	153347	1	K2Y-2452 —
Shaft-Output (4CB Gear Reducer)	153339	2	K2Y-2452 —
* As Required ** Items Included In O-Ring Kit No. 116100 *** LH or RH — Left or right hand is determined as you face the front of freezer. NLA No Longer Available ¹ I2A-2278 designates the complete changeover to R-404a. Serial numbers B2A-376 to I2A-2278 could be R-502 or R-404a. Contact H.C. Duke & Son, Inc. Service Department if unsure.			

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Sheave-5/8 Bore 4.75 OD (Pulley-Driven)	153625	2	K2Y-2452 —
Sheave-7/8 Bore 3.25 OD (Pulley-Driver)	153626	2	K2Y-2452 —
Shield-Motor Rain	139017	2	K2Y-2452 —
Shroud-Assy. Evaporator (Cabinet MJ70)	114580	1	K2Y-2452 — K2B-277
Shroud-Assy. Evaporator (Cabinet-Ceiling Type) <i>Order by Freezer Serial Number</i>			
Shroud-Fan (Air Cooled Remote)	138465	1	K2Y-2452 —
Sleeve-Compressor Mtg.	151434	16	K2Y-2452 —
Socket-Octal Terminal	150119	2	K2Y-2452 —
Spring-LH (Pivot Hinge)	162052	1	K2Y-2452 —
Spring-Compresson (Plunger Switch)	162323	2	I2F-2704 —
Spring-Plunger Switch	159374	2	K2Y-2452 — I2F-2703
Strip-Terminal	150795	2	K2Y-2452 —
Stud-Assy. Cylinder 1-15/16 inch	114341	2	K2Y-2452 —
Support-Condenser (Air Cooled Remote)	137629	2	K2Y-2452 —
Support-MTS	138169	2	K2Y-2452 — B2I-439
Support-MTS	138169	2	B2I-440 —
Switch-Assy. Self Closing Plunger	114176	2	K2Y-2452 — I2F-2703
Guide-Assy.Push Rod	114174	2	K2Y-2452 — I2F-2703
Nut-Hex #6-32 ZN	160309	4	K2Y-2452 — I2F-2703
Nut-Hex 1/4-20 ZN (Adjusting Bolt)	160104	2	K2Y-2452 — I2F-2703
Screw-HXHM 1/4-20 x 2-1/2 (Adjusting)	159965	2	K2Y-2452 — I2F-2703
Screw-SKHC #6-32 x 1 BKOX (Switch)	160381	4	K2Y-2452 — I2F-2703
Spring-Plunger Switch	159374	2	K2Y-2452 — I2F-2703
Switch-Roller Actuator SPDT (Plunger)	150477	2	K2Y-2452 — I2F-2703
Washer-EXT Tooth #6 ZN (Lock)	160392	4	K2Y-2452 — I2F-2703
Washer-Flat #6 Brass	160393	8	K2Y-2452 — I2F-2703

* As Required

** Items Included In O-Ring Kit No. 116100

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NLA No Longer Available

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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Switch-Assy. Self Closing Plunger	114176-01	2	I2F-2704 —
Guide-Assy.Push Rod	114174	2	I2F-2704 —
Nut-Hex #6-32 ZN	160309	4	I2F-2704 —
Nut-Hex 1/4-20 ZN (Adjusting Bolt)	160104	2	I2F-2704 —
Screw-HXHM 1/4-20 x 2-1/2 (Adjusting)	159965	2	I2F-2704 —
Screw-SKHC #6-32 x 1 BKOX (Switch)	160381	4	I2F-2704 —
Spring-Compression	162323	2	I2F-2704 —
Switch-Roller Actuator SPDT (Plunger)	150477	2	I2F-2704 —
Washer-EXT Tooth #6 ZN (Lock)	160392	4	I2F-2704 —
Washer-Flat #6 Brass	160393	8	I2F-2704 —
Switch-Dispense Head Kit	116410	1	K2Y-2452 —
Switch-Door Push Button (Evaporator)	150416	1	K2Y-2452 — K2H-2747
Switch-Door Push Button (Evaporator)	150509	1	K2H-2748 —
Switch-MTS Slide Kit	116411	1	K2Y-2452 —
Switch-Pressure Switch Kit	117014	1	K2Y-2452 —
Switch-Roller Actuator SPDT (Plunger)	150477	2	K2Y-2452 —
Switch-Toggle 3PDT Ctr Off (Selector)	150465	2	K2Y-2452 —
Switch-Toggle DPDT Ctr Off (MTS)	150463	2	K2Y-2452 — B2I-439
Switch-Toggle DPDT Ctr Off (MTS)	159235	2	B2I-440 —
Switch-Toggle DPST (Day/Night)	150435	2	K2Y-2452 — B2I-439
Switch-Toggle DPST (Day/Night)	159235	2	B2I-440 —
Switch-Toggle SPST (Cabinet)	159235	1	K2Y-2452 —
Tank-Mix 6 Gal. 10-1/2" (NLA)	196092-01	2	K2Y-2452 — K2B-277
Tank-Mix 7 Gal. 13-1/4"	196222	2	K2B-278 —
Thermometer-Barrel (Cabinet-MJ70)	161001	1	K2Y-2452 —
Thermometer-Barrel (Cabinet-Ceiling Type)	161004	1	K2Y-2452 —
Thermostat-Assy. w/Cover (Cabinet)	118868	1	B2H-416 — B2H-415
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Alphabetized Parts List for Model 30CMT

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 203-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Thermostat-Cabinet A30	155443	1	K2Y-2452 —
Thermostat-Low (Day & Night)	155442	4	K2Y-2452 —
Timer-12 Sec DOB	150208	2	K2Y-2452 —
Timer-5 Minute	150215	2	K2Y-2452 — B2I-439
Timer-5 Minute Mechanical	150218	2	B2I-440 —
Tool-O-ring Removal	169374	1	K2Y-2452 —
Tool-Assy. Pressure Switch Install	117013	1	K2Y-2452 —
Tray-Drip 26 inch Black	196108	1	K2Y-2452 —
Trimstrip-Assy EF Decal 26 inch	115292-03	1	K2Y-2452 —
Tube-Air (Hose)	138170	2	K2Y-2452 —
Tube-Assy. Pickup	116069	2	K2Y-2452 —
Tube-Assy. Drain	114374	2	K2Y-2452 —
Tube-Drain Support	138919	1	K2Y-2452 —
Tubing-.375 ID x .500 OD PVC	196068	6.25	K2Y-2452 —
Valve-Access (Compressor-Tecumseh AV)	155419	See Compressor-Tecumseh AV	
Valve-Automatic Expansion w/flare (Cabinet)	155416	1	K2Y-2452 — F2C-1608
Valve-Automatic Expansion w/sweat (Cabinet)	155449	1	G2C-1889 —
Valve-Automatic Expansion w/flare (Cylinder)	155400	1	K2Y-2452 — F2C-1447
Valve-Automatic Expansion w/sweat (Cylinder)	155448	2	F2C-1460 —
Valve-Duckbill-Inlet	199032	2	K2Y-2452 —
Valve-Head Pressure Control (Air Cooled Remote)	155454	1	K2Y-2452 —
Valve-Rotalock LH (Compressor-Maneurop)	118258	See Compressor-Maneurop	
Valve-Rotalock RH (Compressor-Maneurop)	118257	See Compressor-Maneurop	
Valve-Solenoid w/flare	155422	3	K2Y-2452 — H2B-2061

* As Required

** Items Included In O-Ring Kit No. 116100

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Alphabetized Parts List for Model 30CMT

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PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Valve-Solenoid w/sweat	155421	3	I2B-2323 —
Valve-Assy. Water	112080	2	K2Y-2452 —
Valve-Water	155410	2	K2Y-2452 —
Valve-Water Kit	155444	*	K2Y-2452 —
Video-Mix Transfer System	184805	*	K2Y-2452 —
Washer-1/2 x .196 x 1/6 (MTS)	160157	1	K2Y-2452 —
Washer-Curved Spring (MTS)	160145	4	K2Y-2452 —
Washer-EXT Tooth #6 ZN (Lock)(Switch Assy.)	160392	4	K2Y-2452 —
Washer-Flat .190 x .365 x .075 SST (MTS)	160158	2	K2Y-2452 —
Washer-Flat #10 SST (MTS)	159962	6	K2Y-2452 —
Washer-Flat #6 Brass (Switch Assy.)	160393	8	K2Y-2452 —
Washer-Shaft Seal (Beater Shaft)	133098	2	K2Y-2452 —
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