

ELECTRO FREEZE®

REPLACEMENT PARTS MANUAL with ILLUSTRATIONS

QUALITY PARTS
PROTECT
YOUR
EQUIPMENT

Batch Freezer
Models
B12 and B24

184891-01 12/07

**KEEP YOUR FREEZER IN EXCELLENT CONDITION. ALWAYS CONTACT
YOUR ELECTRO FREEZE DISTRIBUTOR FOR REPLACEMENT PARTS.**

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 any further assistance, contact H. C. Duke & Son, Inc. *Electro Freeze* as follows:



Phone: (309) 755-4553
(800) 755-4545

FAX: (309) 755-9858

E-mail: service@hcduke.com

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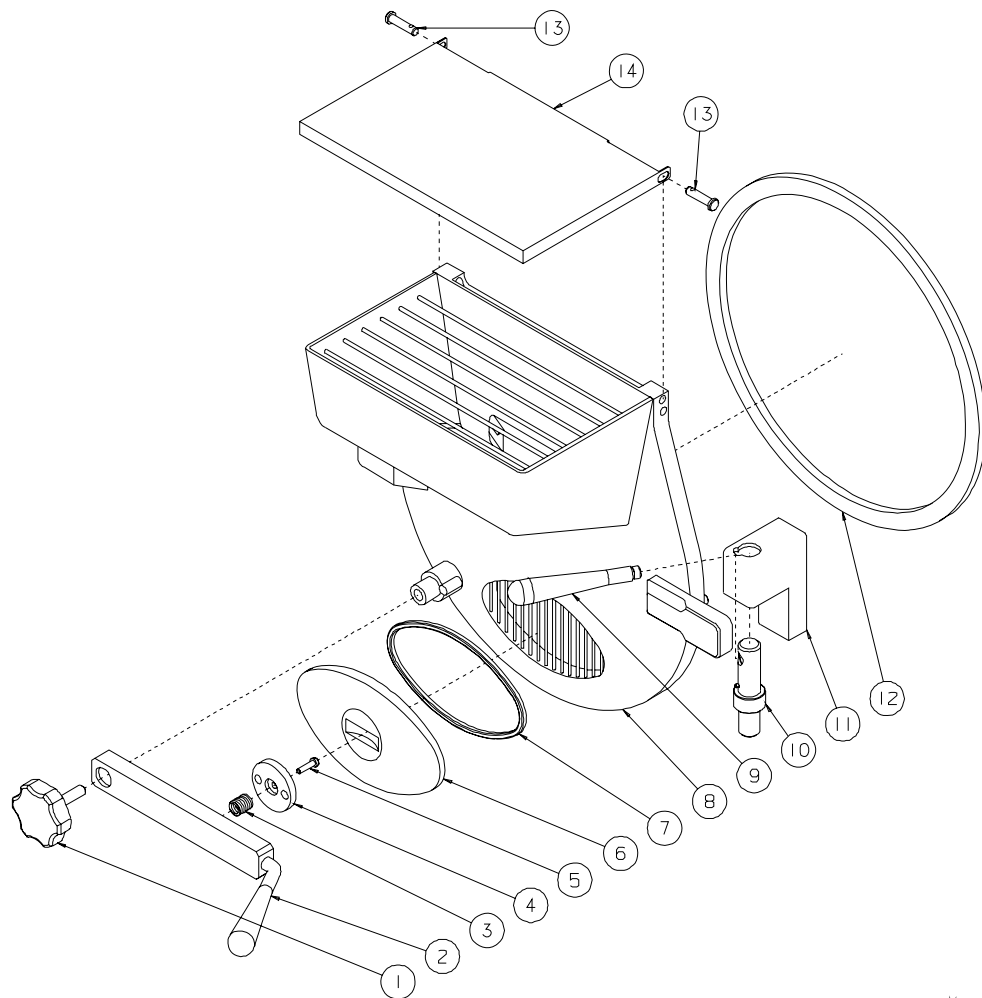
PART II

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M0150B

Figure 1 Door Assembly

Item	Part No.	Description
*	HC119828	Door-Assy. Complete
1	HC120040	Knob-Assy. Hand
2	IC155185140	Lever-Door Front
3	IC178100060	Spring-Compression SST
4	HC140480	Spacer-Door Front
5	IC511530420	Screw-FHMS M4 x 20 SST
6	IC118125050	Door-Dispense plastic
7	IC158200710	Gasket-Dispense Door
8	IC118130800	Door-Dispense EF
9	HC140209	Handle-Cam Lock
10	HC119455	Cam-Assy. Door Lock
11	HC140208	Base-Cam Lock
12	IC158200090	Gasket-Door
13	HC160353	Pin-Clevis
14	HC140198	Lid-Door

*Includes items 1 through 8 and 12 through 14

Not Shown

HC119825 Kit-Dispense Door Switch Batch

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**

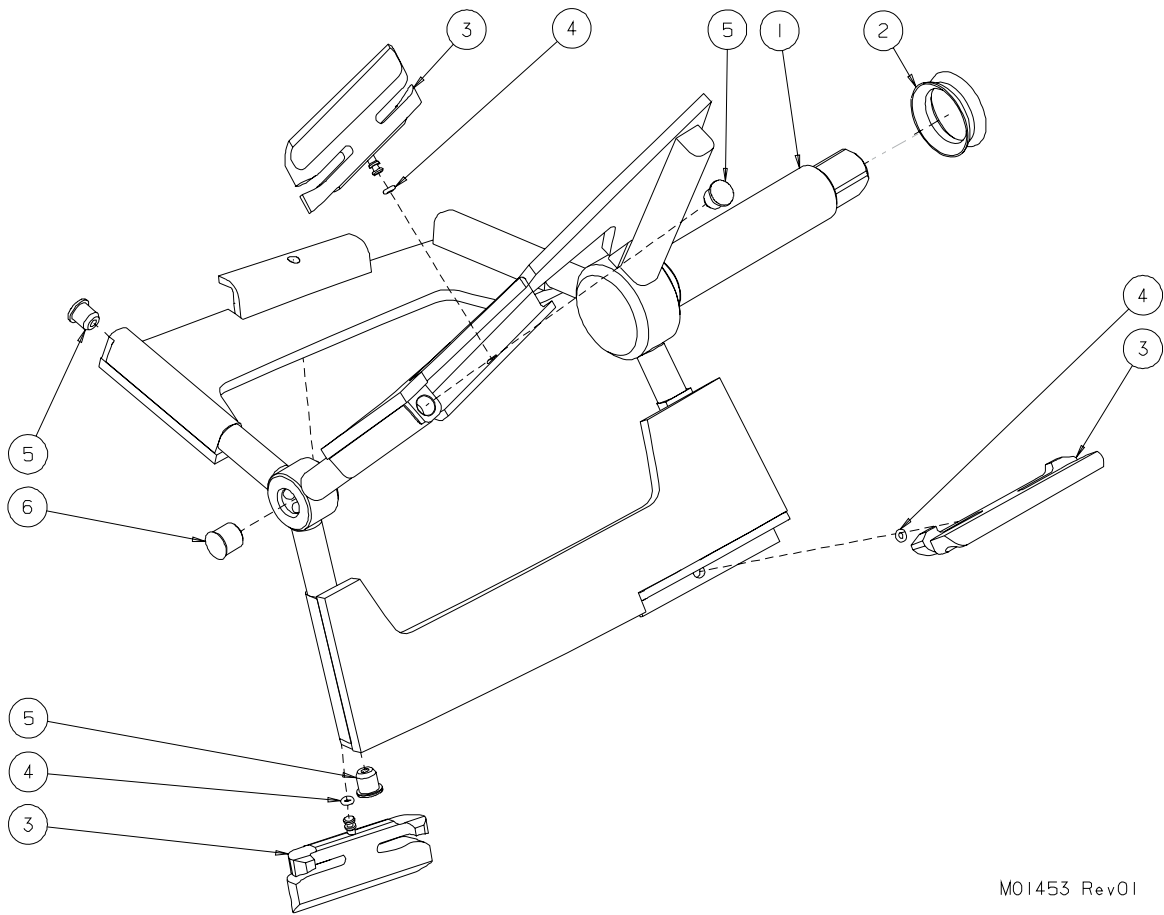
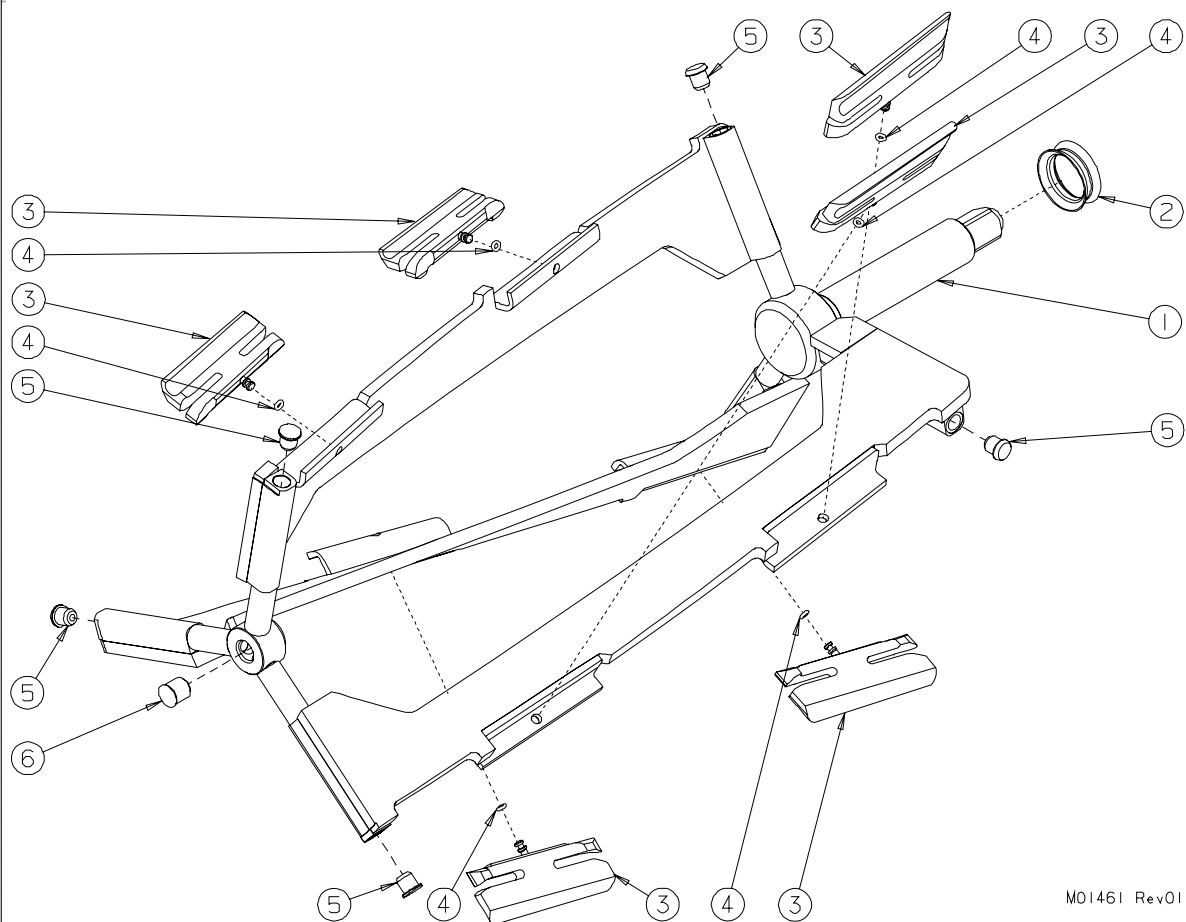


Figure 2 B12 Dasher Assembly

Item	Part No.	Description
1	IC142061120	Dasher
2	IC177120280	Beater Seal Shaft Silicone
3	IC141116030	Blade-Scraper
4	HC160646	O-ring (Scraper Blade)
5	IC155230350	Pad-Antifriction
6	IC155230120	Pad-Antifriction

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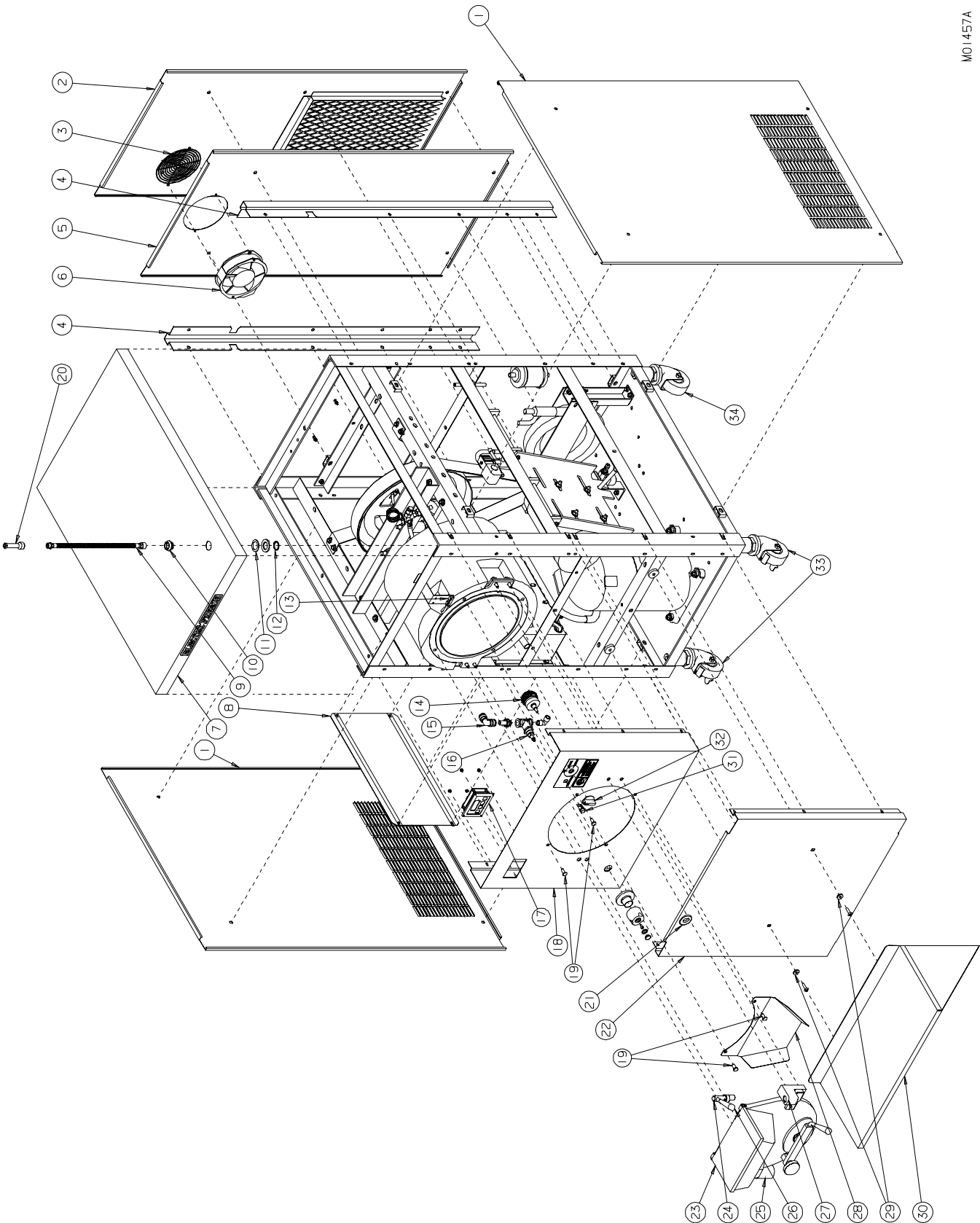
MO1461 Rev01

Figure 3 B24 Dasher Assembly

Item	Part No.	Description
1	IC142061030	Dasher-24 qt. B24
2	IC177120280	Beater Seal Shaft Silicone
3	IC141116030	Blade-Scraper
4	HC160646	O-ring (Scraper Blade)
5	IC155230150	Pad-Antifriction
6	IC155230120	Pad-Antifriction

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Figure 4 B12 Panel View (Sheet 1 of 2)



MO1457A



Use only original or authorized replacement parts with this freezer.
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Figure 4 B12 Panel View (Sheet 2 of 2)

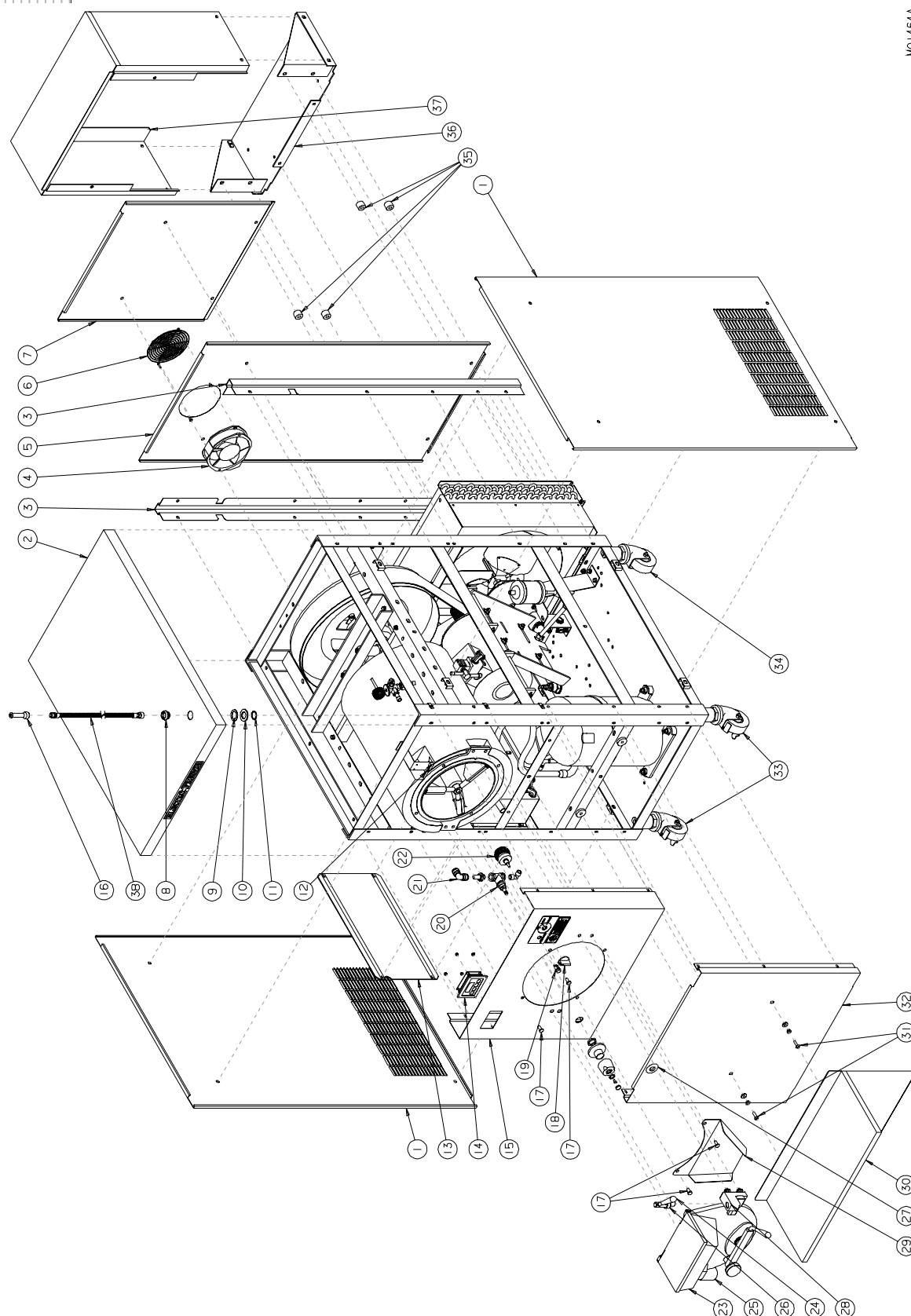
Item	Part No.	Description
1	HC140213	Panel-Side
2	HC119604	Panel-Assy. Rear (Air Cooled)
3	HC151009	Guard-Finger (Water Cooled)
4	HC140218	Channel-Rear Corner
5	HC140342	Panel-Rear W/C (Water Cooled)
6	HC151000	Fan-Axial 230v 212 CFM 35w 50/60 (Water Cooled)
7	HC119616	Panel-Assy. Top
8	HC140224	Cover-Electric Box
9	IC589110031	Hose-Flexible Wash MF 3/8" L=2M
10	HC140449	Guide-Nozzle
11	HC160476	Washer-Shim 1 ID x 1-1/2 OD x .010 SST
11A	HC160182	Washer-Flat 24mm Nylon
12	HC160430	Ring-Retaining 24mm External
13	HC119825	Kit-Dispense Door Switch Batch
14	HC150515	Switch-Rotary 2P (Selector)
15	HC155604	Elbow-12mm x 90°
15A	HC155605	Adapter-12mm Hose x 3/8 BPT
15B	IC588100329	Elbow-Brass 3/8M Gas Con/Con
16	IC589100204	Faucet-Wash 3/8 Mod 174 Glazed
17	HC150581	Timer-0-30 Minute Digital
18	HC119606	Panel-Assy. Upper Front
19	HC140290	Screw-HXHC M8 x 20mm Rounded
20	HC140448	Nozzle-Wash
21	HC159063	Grommet-1-5/8 OD x 3/4 ID x 1-1/4 GRV.
22	HC140341	Panel-Lower Front
23	HC119828	Door-Assy. Complete (See Figure 1)
24	HC119455	Cam-Assy. Door Lock
25	IC164100230 ...	Door Hinge
26	HC140209	Handle-Cam Lock
27	HC140208	Base-Cam Lock
28	HC140236	Chute-Mix Dispense
29	HC140354	Spacer-Shelf Mounting
29A	HC159219	Screw-TRPM 1/4-20 x 1 SST
30	HC119656	Shelf-Assy. Batch
31	HC150550	Light-Indicator 28v Amber
32	HC162637	Knob-Selector Switch Black
33	HC162105	Caster-1-1/4 ST PT w/Brake
33A	HC150736	Nut-Lock Conduit 1-1/4
34	HC162106	Caster-1-1/4 ST PT w/o Brake
34A	HC150736	Nut-Lock Conduit 1-1/4

Hardware for Panels		
Panel	Screw	Nut-Speed
Channel	HC160076	HC159133
Front-Lower	HC160076	HC159133
Front-Upper	HC160076	HC160304
Rear	HC160048	HC160117
Side	HC160048	HC160117
Top	HC160076	HC159132

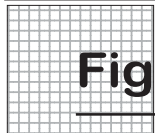
Decals	
Part No.	Description
HC165025	Beater Warning
HC165454	Cleaning Instructions
HC165091	Clear Overlay
HC165126-01	Panel Removal Batch
HC165461	Selector Switch
HC164171	Ventilation 6" & 20" A/C
HC164172	Ventilation 3" & 4" W/C

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**

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Figure 5 B24 Panel View (Sheet 2 of 2)

Item	Part No.	Description
1	HC140213	Panel-Side
2	HC119616	Panel-Assy. Top
3	HC140218	Channel-Rear Corner
4	HC151000	Fan-Axial 230v (Water Cooled)
5	HC140342	Panel-Rear W/C (Water Cooled)
6	HC151009	Guard-Finger (Water Cooled)
7	HC140215	Panel-Rear (Air Cooled)
8	HC140449	Guide-Nozzle
9	HC160476	Washer-Shim 1 ID x 1-1/2 OD x .010 SST
10	HC160182	Washer-Flat 24mm Nylon
11	HC160430	Ring-Retaining 24mm External
12	HC119825	Kit-Dispense Door Switch Batch
13	HC140224	Cover-Electric Box
14	HC150581	Timer-0-30 Minute Digital
15	HC119606	Panel-Assy. Upper Front
16	HC140448	Nozzle-Wash
17	HC140290	Screw-HXHC M8 x 20 Rounded
18	HC162637	Knob-Selector Switch Black
19	HC150550	Light-Indicator 28v Amber
20	IC589100204 ...	Faucet-Wash 3/8 Mod 174 Glazed
21	HC155604	Elbow-12mm x 90°
21A ...	HC155605	Adapter-12mm Hose x 3/8 BPT
21B ...	IC588100329 ...	Elbow-Brass 3/8M Gas Con/Con
22	HC150515	Switch-Rotary 3P (Selector)
23	HC119828	Door-Assy. Complete EF Batch
24	HC140209	Handle-Cam Lock
25	IC164100230 ...	Door Hinge
26	HC119455	Cam-Assy. Door Lock
27	HC159063	Grommet-1-5/8 OD x 3/4 ID x 1-1/4 GRV
28	HC140208	Base-Cam Lock
29	HC140236	Chute-Mix Dispense
30	HC119656	Shelf-Assy. Batch
31	HC140354	Spacer-Shelf Mounting
31A ...	HC159219	Screw-TRPM 1/4-20 x 1 SST
31B ...	HC159951	Nut-HXSf 1/4-20 ZN

Item	Part No.	Description
32	HC140341	Panel-Lower Front
33	HC162105	Caster-1-1/4 ST PT w/Brake
33A ...	HC150736	Nut-Lock Conduit 1-1/4
34	HC162106	Caster-1-1/4 ST PT w/o Brake
34A ...	HC150736	Nut-Lock Conduit 1-1/4
35	HC132707	Spacer-Cylinder Mtg. Plate (Air Cooled)
36	HC119464	Shelf-Assy. Condenser (Air Cooled)
37	HC119465	Cover-Assy. Condenser (Air Cooled)
38	IC589110031	Hose-Flexible Wash MF 3/8" L=2M

Decals

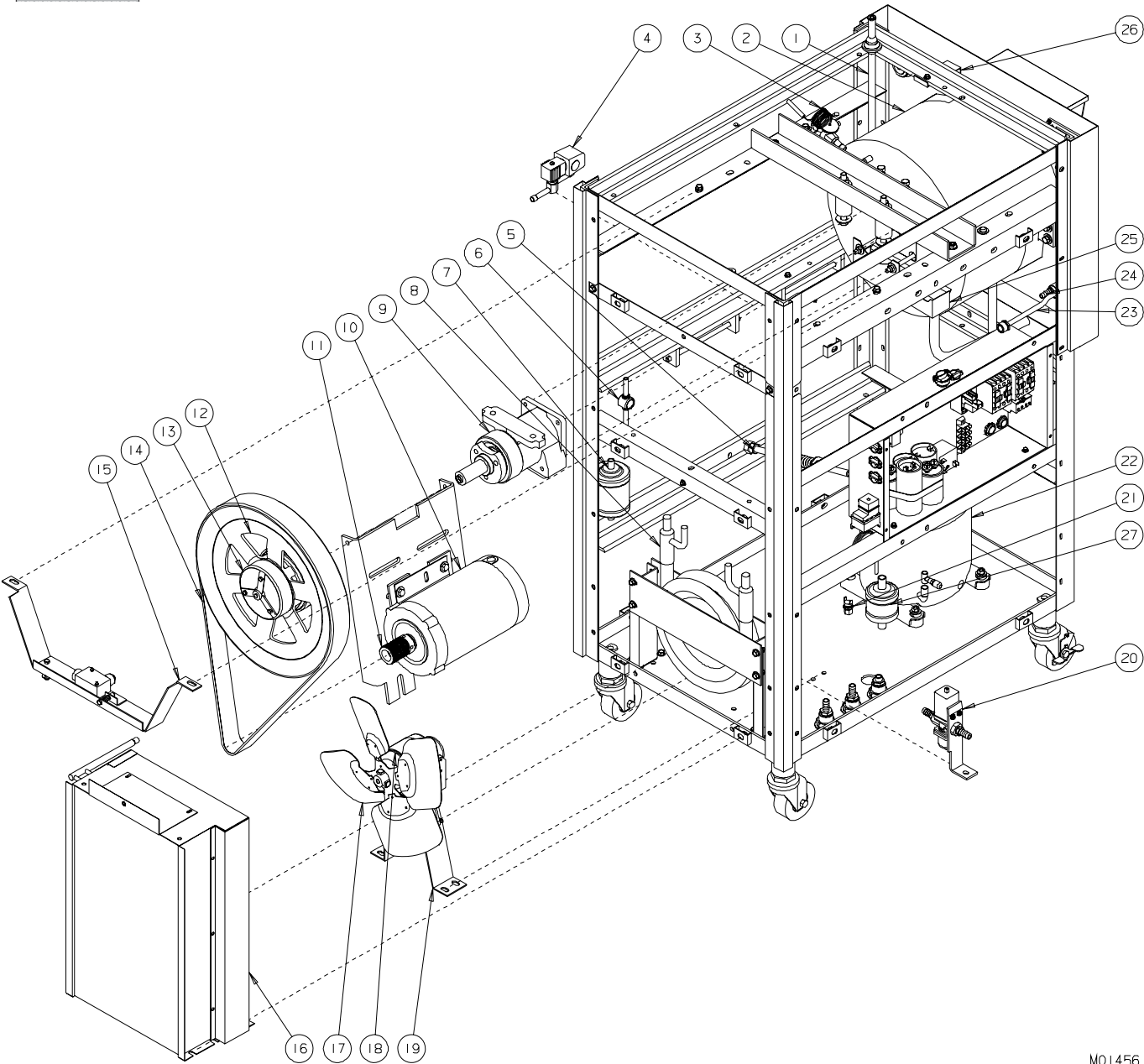
Part No.	Description
HC165025	Beater Warning
HC165454	Cleaning Instructions
HC165091	Clear Overlay
HC165126-01	Panel Removal Batch
HC165461	Selector Switch
HC164171	Ventilation 6" & 20" A/C
HC164172	Ventilation 3" & 4" W/C

Hardware for Panels

Panel	Screw	Nut-Speed
Channel	HC160076	HC159133
Front-Lower	HC160076	HC159133
Front-Upper	HC160076	HC160304
Rear	HC160048	HC160117
Side	HC160048	HC160117
Top	HC160076	HC159132

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**

Figure 6 B12 Rear View (Sheet 1 of 2)



M01456

Item	Part No.	Description
1	HC119469	Hose-Assy. Braided
2	IC115154960	Cylinder-Complete includes
3	IC581101054	Thermostatic Expansion Valve 68Z3438
3A	IC581110613	Orifice-N° 03 068-2079 (Expansion Valve)
4	HC155491	Valve-Solenoid 24v
5	HC140183	Rod-Belt Tension
5A	IC178150310	Compression Spring 5,5 33 116 126,86
5B	HC140271	Tube-Motor Tension Spring
6	HC155059	Glass-Sight

Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.

Figure 6 B12 Rear View (Sheet 2 of 2)

.Item	Part No.	Description
7	HC155054	Drier-Filter 16 cu in
8	HC155029	Condenser-Water (Water Cooled)
9	IC157080300	Drive-Assy. Shaft includes
	IC521111300	Bearing RIV 3209-2RS1
	IC521111337	Bearing RIV 6209-2RS1
	IC164110130	Housing Bearing & Shaft
	IC158115180	Ring Bearing Spacer
	IC157155070	Shaft-Assy Drive
	IC158155200	Spacer Bearing
	IC513101550	Washer Spacer 45 55 1 DIN988
10	HC119816	Motor-2 HP 208-230-1-60 FE (1 Phase)
	HC150294	Capacitor-Start (2 required)
	HC150244	Capacitor-Run
or	HC151048	Motor-2 HP 208-230-3-60 FE (3 Phase)
11	HC140337	Sheave-20J 1.575 OD .875 Shaft
12	IC153105090	Pulley-Axial
13		Clutch Assembly (See Figure 5)
14	HC153102	Belt-Poly V 650J20
15		Torque Switch Assy. (See Figure 9)
16	HC118787	Shroud-Assy. Condenser (Air Cooled)
16A ...	HC155125	Condenser-Air ... (Air Cooled)
17	HC159015	Blade-Fan 14 in 20° (Air Cooled)
18	HC151011	Motor-Fan 75w 230-1-60 (Air Cooled)
19	HC139235	Bracket-Fan Motor Support (Air Cooled)
20	HC155410	Valve-Water 3/8
20A ...	HC155444	Kit-Water Valve Repair
21	IC583100134	Cut Out Pressure CC80 22/29 061 F113000 (Water Cooled)
or	HC155450	Cut Out-High Pressure (Air Cooled)
22	HC119540	Compressor-Assy. 208-230-1-60 includes
	HC155574	Cap-Access Valve
	HC151463	Capacitor-Run
	HC151436	Capacitor-Start
	HC155054	Drier-Filter 16 cu in
	HC151462	Relay-Compressor Start
	HC155419	Valve-Access
or	HC119541	Compressor-Assy. 208-230-3-60 includes
	HC155054	Drier-Filter 16 cu in
	HC155419	Valve-Access
23		See Figure 4
24		See Figure 4
25	HC119605	Tube-Assy. Drain
26	HC119825	Kit-Dispense Door Switch Batch
27	HC155133	Muffler-Discharge (Water Cooled)

Not Shown:

HC155482

Cut Out-Low Pressure 0 PSIG (See Figure 10)

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**

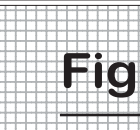
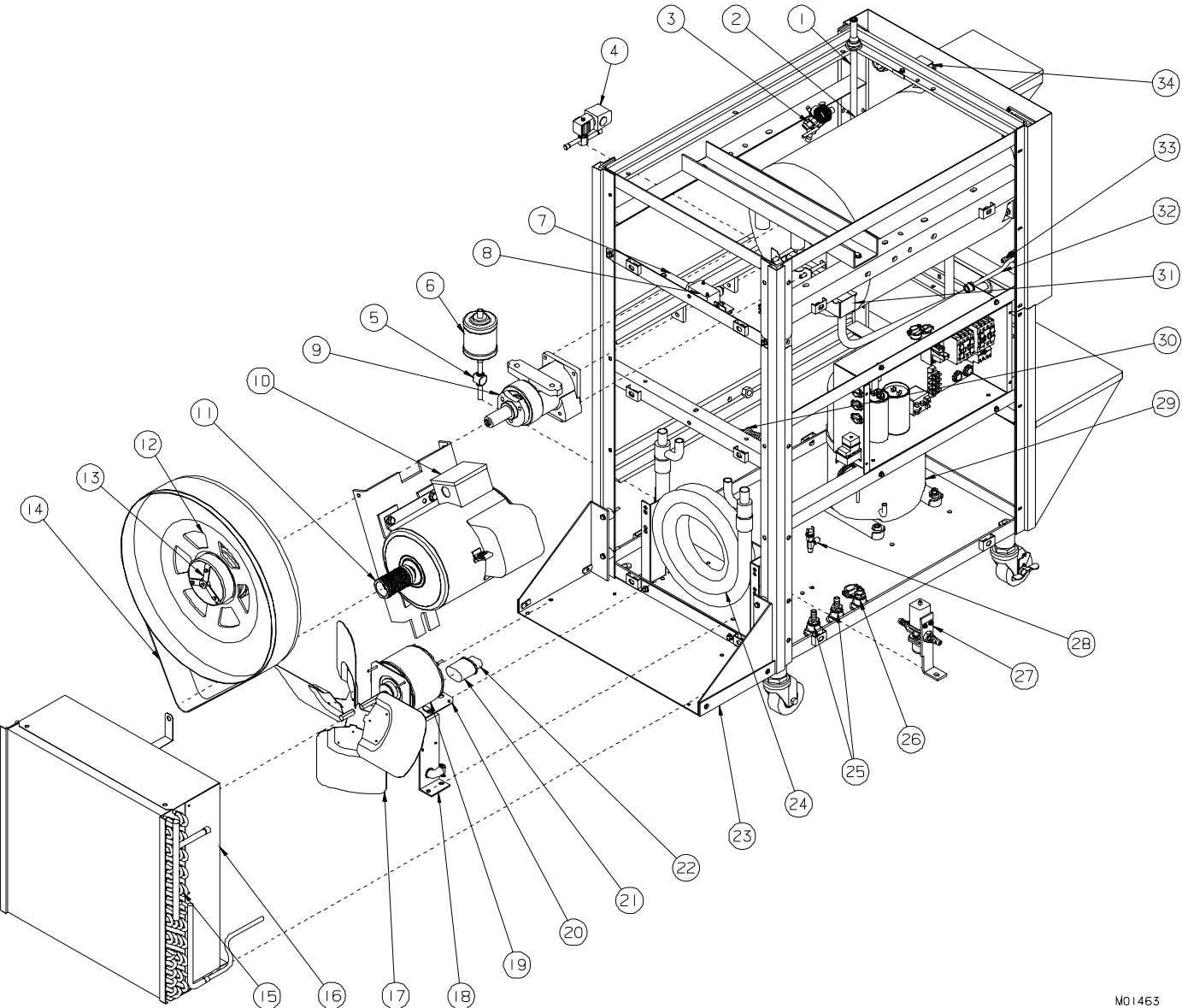
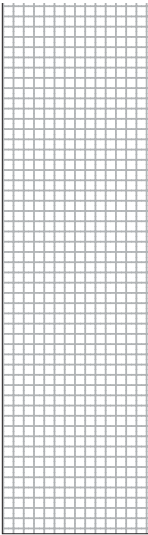


Figure 7 B24 Rear View (Sheet 1 of 2)



M01463



Item	Part No.	Description
1		See Figure 5
2	 IC115154970	Cylinder-Complete includes
3		IC581101054 Thermostatic Expansion Valve 68Z3438
3A		IC581110614 Orifice-N° 04 068-2084 (Expansion Valve)
4	 HC155491	Valve-Solenoid 24v
5	 HC155059	Glass-Sight
6	 HC155054	Drier-Filter 16 cu in
7		Torque Switch Assy. (See Figure 9)
8	 IC572300142	Microswitch Rear PG

Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.

Figure 7 B24 Rear View (Sheet 2 of 2)

Item	Part No.	Description
9	IC157080300	Drive-Assy. Shaft includes IC521111300 Bearing RIV 3209-2RS1 IC521111337 Bearing RIV 6209-2RS1 IC164110130 Housing Bearing & Shaft IC158115180 Ring Bearing Spacer IC157155070 Shaft-Assy Drive IC158155200 Spacer Bearing IC513101550 Washer Spacer 45 55 1 DIN988 C70
10	IC551713072	Motor-3HP 115/208-230-1-60 LE includes Built on Capacitor (1 Phase) HC150514 Capacitor-Start w/Resistor
or.....	IC551713042	Motor-3HP 208-230/460-3-60 LE (3 Phase)
11	HC140349	Sheave-30J 1.969 OD 1.125 Shaft
11A	HC160442	Ring-Retaining 38mm Internal
11B	HC160184	Washer-Flat M20 Blue
12	IC153105120	Axial Pulley 45J 500 95
13		Clutch Assembly (See Figure 8)
14	IC531300148	Belt-Drive Poly V 1752 K69 30N
15	HC155132	Condenser-Air (Air Cooled)
16	HC119463	Shroud-Assy Condenser (Air Cooled)
17	HC159016	Blade-Fan 18 in 30° (Air Cooled)
18	HC140240	Bracket-Fan Motor Support (Air Cooled)
19	HC151046	Motor-Fan 1/4hp 208-230v 60 (Air Cooled)
20	HC119462	Bracket-Assy. Fan Motor (Air Cooled)
21	HC151461	Capacitor-Run (Air Cooled)
22	HC199041	Boot-Capacitor Protector (Air Cooled)
23	HC119464	Shelf-Assy. Condenser (Air Cooled)
24	HC155032	Condenser-Water 3 Ton (Water Cooled)
25	HC155586	Adapter-Bulkhead 1/2 FPT (Water Cooled)
26	HC155586	Adapter-Bulkhead 1/2 FPT
26A ...	HC155629	Adapter-3/8 Comp x 1/2 MPT BR
27	HC155410	Valve-Water 3/8
27A ...	HC155444	Kit-Water Valve Repair
28	IC583100134	Cut Out-High Pressure CC80 22/29 061F113000 (Water Cooled)
or.....	HC155450	Cut Out-High Pressure (Air Cooled)
29	HC119508	Compressor-Assy. 208-230-1-60 includes HC150362 Capacitor-Run HC151460 Capacitor-Start HC155054 Drier-Filter 16 cu in HC151459 Relay-Compressor
or.....	HC119815	Compressor 208-230/3/60 includes HC155054 Drier-Filter 16 cu in
29A ...	HC165534	Insulation-Compr Wrap Bristol
29B ...	HC160419	Rivet-Ratchet Plastic (Compressor Wrap)
29C ...	HC155419	Valve-Access
30	HC140183	Rod-Belt Tension
30A ...	IC178150310	Compression Spring 5 ,5 33 116 126,86
30B ...	HC140271	Tube-Motor Tension Spring
31	HC119458	Tube-Assy. Drain
32		See Figure 5
33		See Figure 5
34	HC119825	Kit-Dispense Door Switch Batch

Not Shown:

HC155482 Cut Out-Low Pressure 0 PSIG (See Figure 10)

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**

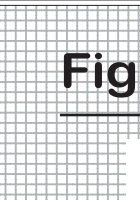
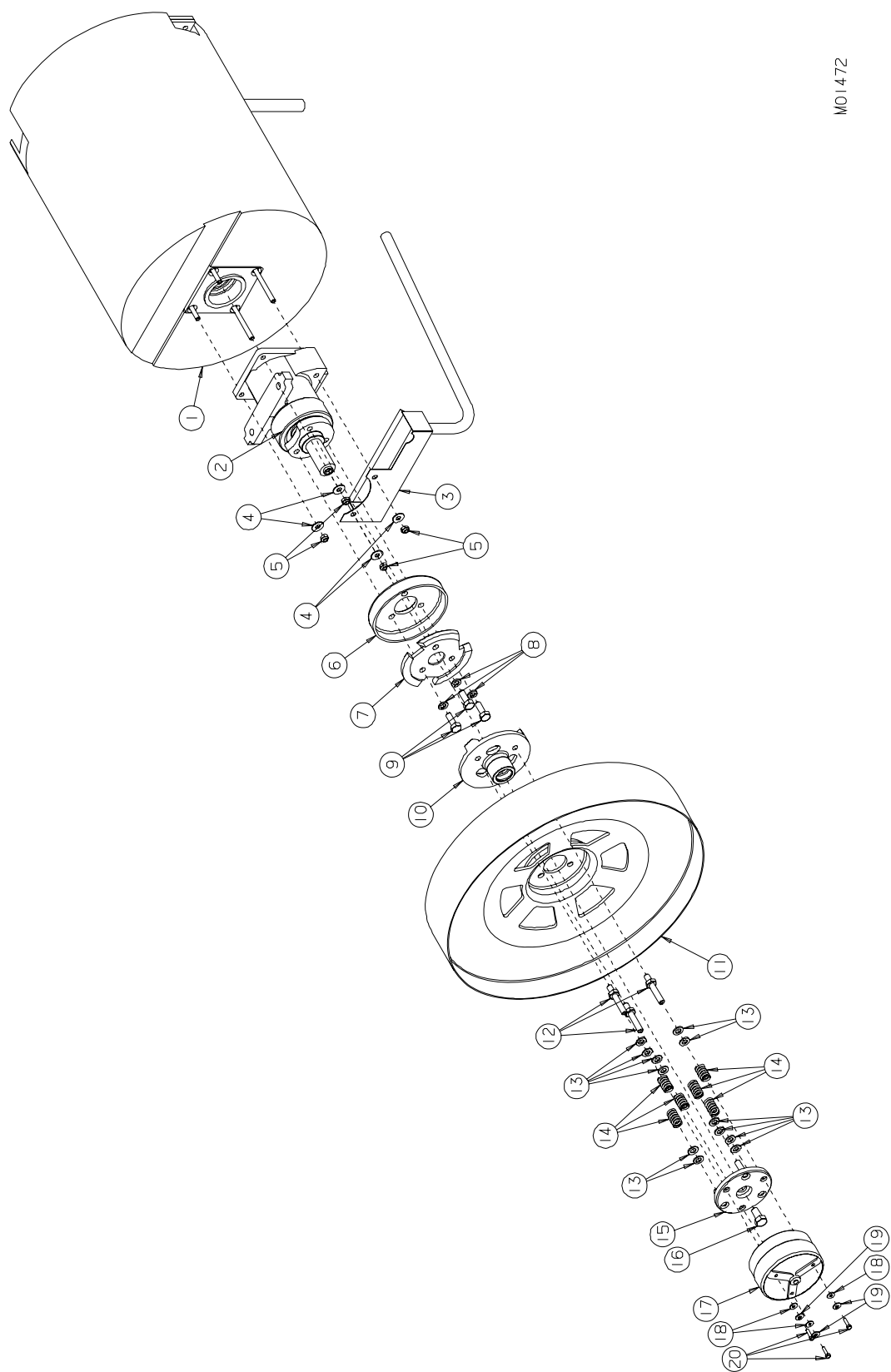


Figure 8 Drive Assembly (Sheet 1 of 2)



M01472

Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.

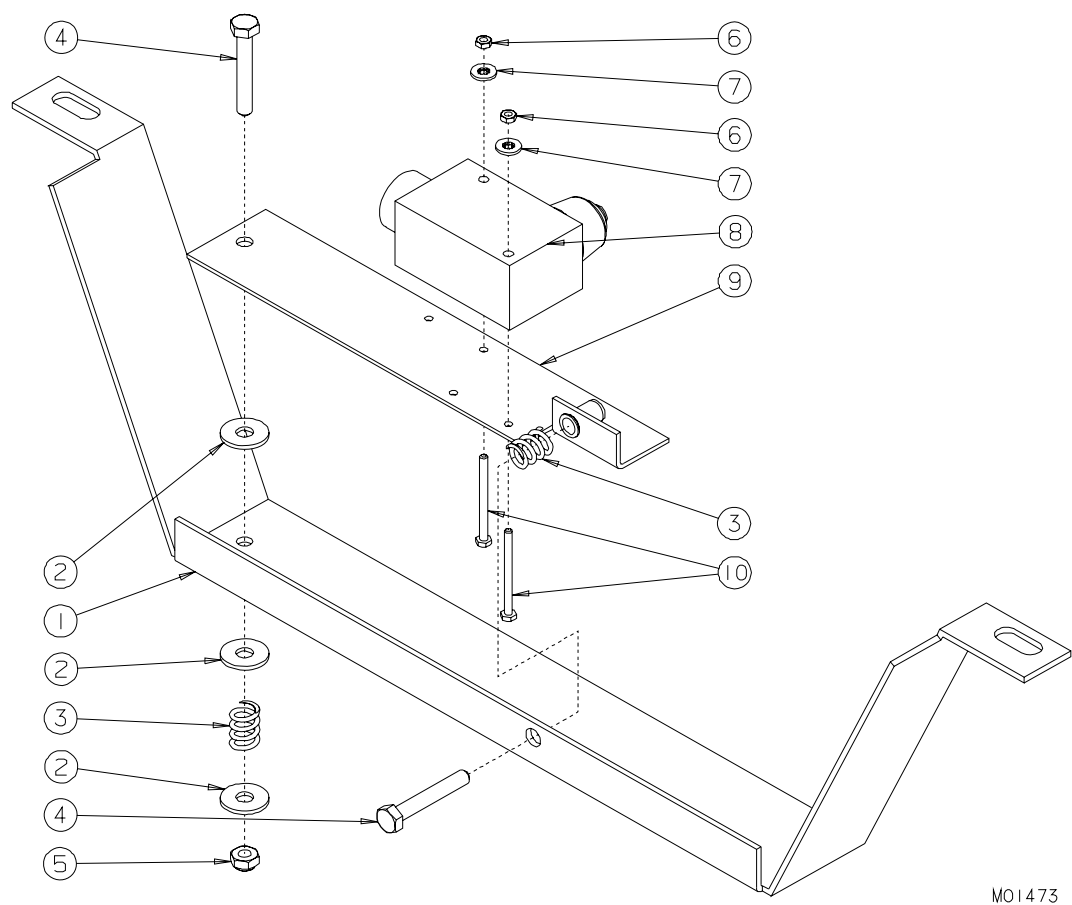
Figure 8 Drive Assembly (Sheet 2 of 2)

Item	Part No.	Description
1	IC115154960	Cylinder-Complete (B12)
	IC115154970	Cylinder-Complete (B24)
2	IC157080300	Drive-Assy.
3	HC119605	Tube-Assy. Drain (B12)
	HC119458	Tube-Assy. Drain (B24)
4	HC160131	Washer-Flat 5/16 ZN
5	HC160194	Nut-El Stop M8 ZN Blue
6	IC164118520	Cover-Clutch Front
7	IC164115020	Bearing Fixed
8	HC160192	Screw-HXHC M10 X 30mm CL 8.8 ZN Blue
9	HC160210	Washer-Ext Tooth Lock M10 ZN Blue
10	IC164116020	Bearing Floating
11	IC153105090	Pulley-Axial (B12)
	IC153105120	Pulley-Axial 45J 500 95 (B24)(prior 3/2008)
	HC153627	Pulley-Aluminum 19.685 OD (3/2008)
12	IC171110120	Stud-Clutch Spring
13	HC159931	Washer-Flat M10 x 19mm OD ZN Blue
14	IC178150200	Spring-Clutch
15	IC164117020	Base-Clutch Spring
16	HC160085	Screw-HXHM M12 x 25mm ZN Blue
17	IC164118600	Cover-Clutch Rear
18	HC160138	Washer-Flat #10 ZN
19	HC160189	Washer-Lock M5 ZN Blue
20	HC159987	Screw-HXHM M5 x 20mm ZN Blue

Not Shown:

HC140387 Spacer-Sheave (B12 Only)

**Use only original or authorized replacement parts with this freezer.
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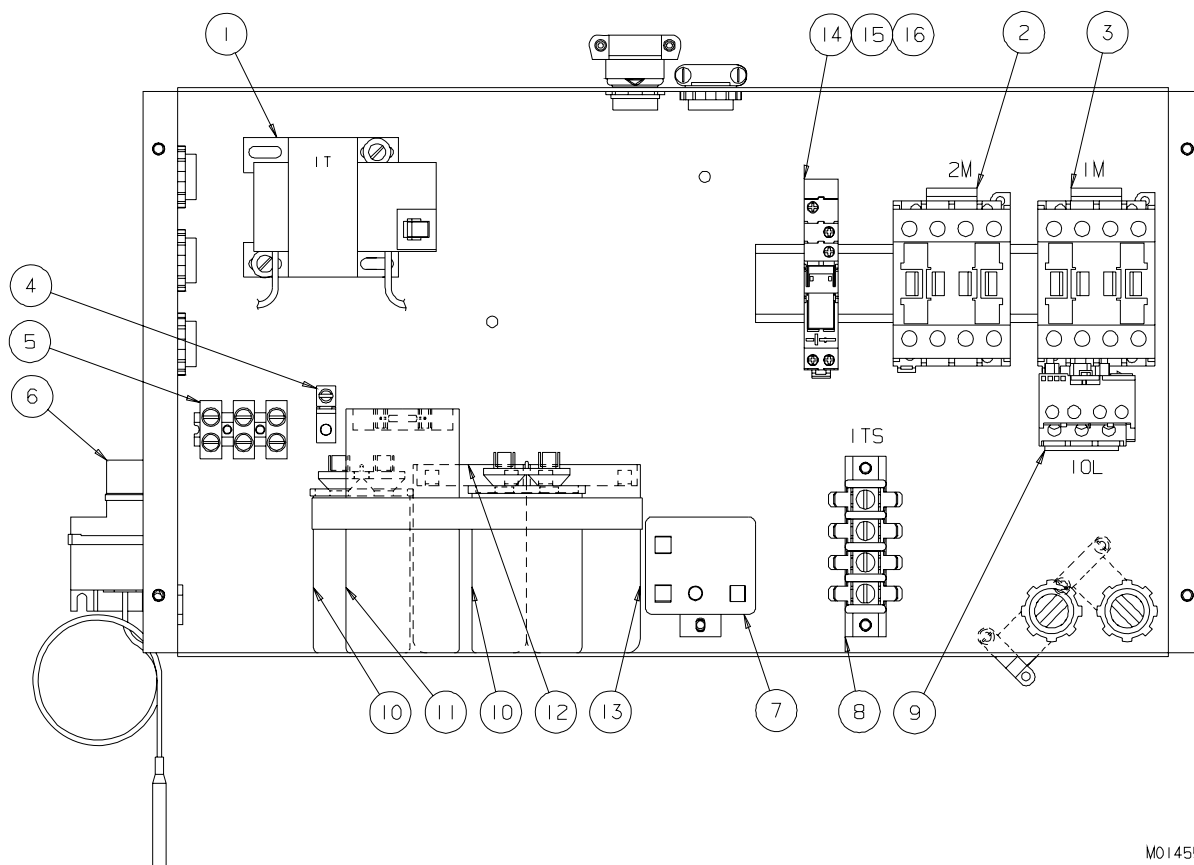
M01473

Figure 9 Torque Switch Assembly

Item	Part No.	Description
1	HC140334	Bracket-Torque Switch Mounting (B12)
2	HC140340	Bracket-Torque Switch Mounting (B24)
3	IC178150390	Spring-Microswitch Adjusting
4	HC160091	Screw-HXHM M6 x 40mm ZN Blue
5	HC160185	Nut-El Stop M6 ZN Blue
6	HC159958	Nut-Hex M3 Blue SST
7	HC160191	Washer-INT Tooth M3 ZN Blue
8	IC572300142	Microswitch-Rear PG
9	IC107103220	Bracket-Microswitch
10.....	HC159956	Screw-HXHM M3 x 40mm ZN Blue

See Figures 6 and 7 - Torque switch is mounted differently.

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**



M01455

Figure 10 Electric Box

Item	Part No.	Description
1	IC574100325	Transformer-75VA/24VAC/MURD
2	HC150136	Contactor-IEC 23A 24v Coil (Dasher)
2A	HC150133	Coil-Replace 24v
3	HC150136	Contactor-IEC 23A 24v Coil (Compressor and Fan)
3A	HC150133	Coil-Replace 24v
4	HC150745	Connector-Mech Grounding CU
5	HC139055-01	Strip-Terminal 3 Pole
6	HC155482	Cut Out-Low Pressure 0 PSIG
7	HC151462	Relay-Compressor Start (B12 - 1 Phase)
	HC151459	Relay-Compressor (B24 - 1 Phase)
8	HC150795	Strip-Terminal
9	HC150158	Relay-SS Overload 1 PH 5-15A (B12 - 1 Phase)
	HC150157	Relay-SS Overload 1 PH 12-32A (B24 - 1 Phase)
	HC150159	Relay-SS Overload 3 PH 3.7-12A (B12 & B24 3 Phase)
10	HC150294 (2)	Capacitor-Start (Motor) (B12 - 1 Phase)
11	HC150244	Capacitor-Run (Motor) (B12 - 1 Phase)
12	HC151463	Capacitor-Run (Compressor) (B12 - 1 Phase)
	HC150362	Capacitor-Run (Compressor) (B24 - 1 Phase)
13	HC151436	Capacitor-Start (Compressor) (B12 - 1 Phase)
	HC151460	Capacitor-Start (Compressor) (B24 - 1 Phase)
14	HC150164	Relay-Miniature SPDT 24v Coil
15	HC150165	Socket-Miniature Relay Clamp
16	HC150166	Clip-Miniature Relay Retaining

**Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.**



Accessories

Part No.	Description
HC155613	Adapter-1/2 MPT x 3/4 Garden BR
HC196103	Bottle-Wash 500ml
HC158026	Brush-1 inch dia x 12 inch long
HC158020	Brush-6 inch x 2-3/4 w/9 inch handle
HC158077	Brush-9/16 inch w/36 inch handle
HC162105	Caster-1 1/4 ST PT w/brake
HC162106	Caster-1 1/4 ST PT w/o brake
HC158051	Cup-Overrun Measuring 1 Pint (use with P/N HC158049 scale)
HC158000A	Lubricant-Petrol Gel 4 oz. tube (per tube)
HC150736	Nut-Lock Conduit 1 1/4 (casters)
HC158013	Sanitizer-Stera Sheen Sample
HC158014	Sanitizer-Stera Sheen case/4 jars
HC158014A	Sanitizer-Stera Sheen 4 lb. jar
HC158049	Scale-Overrun
HC169374	Tool-O-ring Removal

Use only original or authorized replacement parts with this freezer.
Use of unapprove parts will void warranty.

Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Adapter-1/2 Hose BARB x 1/2 MPT (Water Cooled) (B24)	HC155616	2	E2K -
Adapter-1/2 MPT x 3/4 Garden BR (Accessories)	HC155613	1	E2K -
Adapter-3/8 Comp x 1/2 MPT BR (B24)	HC155629	1	E2K -
Adapter-3/8 Hose x 1/4 MPT BR	HC155618	1	E2K - D2L
Adapter-Bulkhead 1/2 FPT (Water Cooled)(B24)	HC155586	2	E2K -
Adaptor-12mm Hose x 3/8 DPT	HC155605	1	D2L -
Axial Pulley (B12)	IC153105090	1	E2K -
Axial Pulley 45J 500 95 (B24)	IC153105120	1	E2K -
Base-Cam Lock	HC140208	1	F2K -
Base-Clutch Spring	IC164117020	1	F2K -
Bearing Fixed (Clutch-Drive)	IC164115020	1	F2K -
Bearing Floating (Clutch-Driven)	IC164116020	1	F2K -
Bearing RIV 3209-2R51 (Bearing-Assy)	IC521111300	1	F2K -
Bearing RIV 6209-2R51 (Bearing-Assy)	IC521111337	1	F2K -
Bearing-Assy. includes	<i>See Drive-Assy. Shaft</i>		
Beater Seal Shaft Silicone	IC177120280	1	F2K -
Belt-Poly V 30J (B24)	IC531300148	1	F2K -
Belt-Poly V 650 J20 (B12)	HC153102	1	E2K -
Blade-Fan 14 in. 20° (Air Cooled) (B12)	HC159015	1	E2K -
Blade-Fan 18 in. 30° (Air Cooled) (B24)	HC159016	1	E2K -
Blade-Scraper	IC141116030	6	F2K -
Boot-Capacitor Protector (Air Cooled)(B24)	HC199041	1	F2K -
Bottle-Wash 500ml	HC196103	1	F2K -
Bracket-Assy. Fan Motor (Air Cooled) (B24)	HC119462	1	E2K -
Bracket-Fan Motor Support(Air Cooled)(B12)	HC139235	1	E2K -
Bracket-Fan Motor Support(Air Cooled)(B24)	HC140240	1	E2K -
* As Required NLA = No Longer Available			

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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3ph/60HZ..

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Bracket-Microswitch	IC107103220	1	E2K –
Bracket-Torque Switch Mtg. (B12)	HC140334	1	E2K –
Bracket-Torque Switch Mtg. (B24)	HC140340	1	E2K –
Bracket-Water Condenser	HC139813	1	E2K –
Brush-1 inch dia x 12 inch long	HC158026	1	F2K –
Brush-9/16 inch w/36 inch handle	HC158077	1	F2K –
Brush-6 inch x 2-3/4 w/9 inch handle	HC158020	1	F2K –
Cam-Assy. Door Lock (Door Assy)	HC119455	1	F2K –
Cap-Access Valve (B12)	HC155574	1	F2K –
Capacitor-Run (Compressor) (B12 - 1 Phase)	HC151463	1	F2K –
Capacitor-Run (Compressor) (B24 - 1 Phase)	HC150362	1	F2K –
Capacitor-Run (Fan Motor) (B24 - A/C)	HC151461	1	F2K –
Capacitor-Run (Motor) (B12 - 1 Phase)	HC150244	1	F2K –
Capacitor-Start (Compressor) (B12 - 1 Phase)	HC151436	1	F2K –
Capacitor-Start (Compressor) (B24 - 1 Phase)	HC151460	1	F2K –
Capacitor-Start (Motor) (B12 - 1 Phase)	HC150294	2	F2K –
Capacitor-Start w/Resistor (Motor) (B24 - 1 Phase)	HC150514	1	F2K –
Caster-1 1/4 ST PT w/Brake	HC162105	2	F2K –
Caster-1-1/4 ST PT w/o Brake	HC162106	2	F2K –
Channel-Rear Corner	HC140218	2	F2K –
Chute-Mix Dispense	HC140236	1	F2K –
Clamp-Hose 13/16 to 1-1/2	HC160754	2	F2K –
Clip-Minature Relay Retaining (Electric Box)	HC150166	1	F2K –
Clutch-Drive	<i>See Bearing Fixed</i>		
Clutch-Driven	<i>See Bearing Floating</i>		
Coil-Replace 24V (Contactor)	HC150133	*	A2L –
Coil	<i>Serial No. H2K through L2K contact factory</i>		
Coil-Replace 24VAC DPBF25 (Contactor)	HC150160	*	F2K – G2K
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Compressor-Assy. 208-230-1-60 (B12 - 1 Phase)			
includes compressor and	HC119508	1	F2K -
Cap-Access Valve	HC155574	1	F2K -
Capacitor-Run	HC150463	1	F2K -
Capacitor-Start	HC151436	1	F2K -
Drier-Filter 16 cu in	HC155054	1	F2K -
Relay-Compressor Start	HC151462	1	F2K -
Valve-Access	HC155419	1	F2K -
Compressor-Assy. 208-230-1-60 (B24 - 1 Phase)			
includes compressor and	HC119508	1	F2K -
Capacitor-Run	HC150362	1	F2K -
Capacitor-Start	HC151460	1	F2K -
Drier-Filter 16 cu in	HC155054	1	F2K -
Relay-Compressor	HC151459	1	F2K -
Compressor-Assy. 208-230-3-60 (B12 - 3 Phase)			
includes compressor and	HC119541	1	F2K -
Cap-Access Valve	HC155574	1	F2K -
Drier-Filter 16 cu in	HC155054	1	F2K -
Valve-Access	HC155419	1	F2K -
Compressor-Assy. 208-230-3-60 (B24 - 3 Phase)			
includes compressor and	HC119815	1	F2K -
Drier-Filter 16 cu in	HC155054	1	F2K -
Condenser-Air (B12)(Air Cooled)	HC155125	1	F2K -
Condenser-Air (B24)(Air Cooled)	HC155132	1	F2K -
Condenser-Water (B12)(Water Cooled)	HC155029	1	F2K -
Condenser-Water 3 Ton (B24)(Water Cooled)	HC155032	1	F2K -
Connector-Mech Grounding CU	HC150745	1	F2K -
Contact-IEC 23A 24v Coil (Dasher & Compressor/Fan)(Electric Box)	HC150136	2	A2L -
Contact	Serial No. H2K through L2K contact factory		
Contact-IEC 25A 4 Pole 24v Coil (Dasher & Compressor/Fan)(Electric Box)	HC150160	2	F2K - G2K
Cover-Assy. Condenser (B24)(Air Cooled)	HC119465	1	F2K -
Cover-Clutch Front	IC164118520	1	F2K -
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3ph/60HZ..

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Cover-Clutch Rear	IC164118600	1	F2K –
Cover-Electric Box	HC140224	1	F2K –
Cup-Overrun (use with P/N HC158049 scale)	HC158051	1	F2K –
Cut Out-High Pressure (Air Cooled)	HC155450	1	F2K –
Cut Out-High Pressure (Water Cooled)	HC155405	1	F2K – G2K
Cut Out-High Pressure (Water Cooled)	<i>Serial No. H2K through I2K contact factory</i>		
Cut Out-High Pressure CC80 22/29 (Water Cooled)	IC583100134	1	K2K –
Cut Out-Low Pressure 0 PSIG(Electric Box)	HC155482	1	F2K –
Cylinder-Complete (B12)	IC115154960	1	F2K –
Cylinder-Complete (B24)	IC115154970	1	F2K –
Dasher-12 qt. (B12)	IC142061040	1	F2K – J2K
Dasher-12 qt. (B12)	IC142061120	1	J2K –
Dasher-24 qt. (B24)	IC142061030	1	F2K –
Decal-Beater Warning	HC165025	1	F2K –
Decal-Cleaning Instructions	HC165454	1	F2K –
Decal-Clear Overlay	HC165091	1	F2K –
Decal-Panel Removal Batch	HC165126-01	3	F2K –
Decal-Selector Switch	HC165461	1	F2K –
Decal-Ventilation 6-inch Rear	HC169054	1	F2K –
Decal-Ventilation 3" & 4" (Water Cooled)	HC164172	1	F2K –
Decal-Ventilation 6" & 20" (Air Cooled)	HC164171	1	F2K –
Door Hinge	IC164100230	1	F2K –
Door-Assy. Complete EF Batch	HC119828	1	F2K –
Knob-Door Front	IC173100490	1	F2K – D2L
Knob-Door Front	IC173100490	1	D2L –
Lever-Door Front	IC155185140	1	F2K –
Spring-Compression SST	IC178100060	1	F2K –
Spacer-Door Front	IC107170900	1	F2K – E2L
Spacer-Door Front	HC140480	1	E2L –
Screw-FHMS M4 x 20 SST	IC511530420	1	F2K –
Door-Dispense	IC118125050	1	F2K –
Gasket-Dispense Door	IC158200710	1	F2K –
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Door-Dispense EF	IC118130800	1	F2K -
Gasket-Door	IC158200090	1	F2K -
Pin-Clevis	HC160353	2	F2K -
Lid-Door	HC140198	1	F2K -
Door-Dispense (Door-Assy.)	IC118125050	1	F2K -
Door-Dispense EF (Door-Assy.)	IC118130800	1	F2K -
Drier-Filter 16 cu in	HC155054	1	F2K -
Drive-Assy. Shaft includes	IC157080300	1	F2K -
Bearing RIV 3209-2R51	IC521111300	1	F2K -
Bearing RIV 6209-2R51	IC521111337	1	F2K -
Housing Bearing & Shaft	IC164110130	1	F2K -
Ring Retaining Dia. 45 UNI7435 C70	IC519000145	1	F2K -
Ring Bearing Spacer	IC158115180	1	F2K -
Ring Retaining Dia. 85 UNI7437 C70	IC519000285	1	F2K -
Shaft-Assy Drive	IC157155070	1	F2K -
Spacer Bearing	IC158155200	1	F2K -
Washer Spacer 45 55 1 DIN988	IC513101550	1	F2K -
Elbow-12mm x 90°	HC155604	1	D2L -
Elbow-Brass 3/8M Gas Con/Con	IC588100329	1	E2K -
Fan-Axial 230v 212CFM 35watt 50/60	HC151000	1	F2K -
Faucet-Wash 3/8 Modd.174 Glazed	IC589100204	1	D2L -
Gasket-Dispense Door (Door Assy)	IC158200710	1	F2K -
Gasket-Door (Door Assy)	IC158200090	1	F2K -
Glass-Sight	HC155059	1	F2K -
Grommet-1-5/8 OD x 3/4 ID x 1-1/4 GRV.	HC159063	1	F2K -
Guard-Finger	HC151009	1	F2K -
Guide-Nozzle	HC140347	1	F2K - D2L
Guide-Nozzle	HC140449	1	D2L -
Guide-Wash Hose	HC140346	1	F2K -
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3ph/60HZ..

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Handle-Cam Lock (Door Assy)	HC140209	1	F2K –
Hose-Assy. Braided (with nozzle)	HC119469	1	F2K – D2L
Hose-Flex 3/8 Comp x 1/2 IPS	HC160755	1	F2K – D2L
Housing Bearing & Shaft (Drive Shaft Assy.)	IC164110130	F2K	–
Insulation-Compr Wrap Bristol (B24)	HC165534	1	F2K –
Kit-Dispense Head Switch Batch	HC119825	1	F2K –
Kit-Water Valve Repair	HC155444	1	F2K –
Knob-Door Front (Door Assy.)	IC173100490	2	F2K – D2L
Knob-Assy. Hand (Door Assy.)	HC120040	2	D2L –
Knob-Fluted Metal Faucet	HC162631	1	F2K – D2L
Knob-Selector Switch Black	HC162637	1	F2K –
Lever-Door Front (Door Assy)	HC155184140	1	F2K –
Lid-Door (Door Assy)	HC140198	1	F2K –
Light-Indicator 28v Amber	HC150550	1	F2K –
Lubricant-Petrol Gel 4 oz. tube (per tube)	HC158000A	*	F2K –
Microswitch-Rear PG	IC572300142	1	F2K –
Motor-2HP 208-230-1-60 FE (1 Phase)(B12)			
includes motor and	HC119816	1	F2K –
Capacitor-Run	HC150244	1	F2K –
Capacitor-Start	HC150294	2	F2K –
Motor-2HP 208-23-3-60 FE (3 Phase)(B12)	HC151048	1	F2K –
Motor-3HP 115/208-230-1-60 LE	IC551713072	1	F2K –
Motor-3HP 208-230/460-3-60 LE	IC551713042	1	F2K –
Motor-Fan 1/4HP 208-230v 60 (Air Cooled)(B24)	HC151046	1	F2K –
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Motor-Fan 75w 230-1-60 (Air Cooled)(B12)	HC151011	1	F2K —
Muffler-Discharge (Water Cooled B12)	HC155133	1	J2K —
Nozzle-Wash	HC140448	1	F2K —
Nut-El Stop M6 ZN Blue(Switch-Assy. Torque)	HC160185	1	F2K —
Nut-El Stop M8 ZN Blue (Drive-Assy.)	HC160194	4	F2K —
Nut-Hex M3 Blue SST (Switch-Assy. Torque)	HC159958	2	F2K —
Nut-Lock Conduit 1-1/4	HC150736	4	F2K —
Nut-Speed #10-24 .025-064SST(Top Panel)	HC159132	4	F2K —
Nut-Speed #10-24 .156-.187 (Rear Channel and Lower Front Panel)	HC159133	18	F2K —
Nut-Speed 1/4-20 .064-.125 (Rear & Side Panels)	HC160117	12	F2K —
Oriface-N° 03 068-2079(Cylinder Assy.)(B12)	IC581110613	1	F2K —
Oriface-N° 04 068-2084(Cylinder Assy.)(B24)	IC581110614	1	F2K —
O-ring (Scraper Blade)(B12)	HC160646	4	F2K —
O-ring (Scraper Blade)(B24)	HC160646	6	F2K —
Overload	See "Relay-Overload"		
Pad-Antifriction (Center)	IC155230120	1	F2K —
Pad-Antifriction (Blade)	IC155230350	5	F2K —
Panel-Assy. Rear (Air Cooled)(B12)	HC119604	1	F2K —
Panel-Assy. Top	HC119616	1	F2K —
Panel-Assy. Upper Front	HC119606	1	F2K —
Panel-Lower Front	HC140341	1	F2K —
Panel-Rear (Air Cooled)(B24)	HC140215	1	F2K —
Panel-Rear (Water Cooled)	HC140342	1	F2K —
Panel-Side	HC140213	2	F2K —
Pin-Clevis (Door Assy)	HC160353	2	F2K —
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3ph/60HZ..

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Pulley-Axial (B12)	IC153105090	1	F2K –
Pulley-Axial 45 J 500 95 (Driven)(B24)	IC153105120	1	F2K – C2N
Pulley-Aluminum 19.685 (Driven)(B24)	HC153627	1	C2N –
Relay-Compressor (1 Phase)(B24)	HC151459	1	F2K –
Relay-Compressor Start (1 Phase)(B12)	HC151462	1	F2K –
Relay-Miniature SPDT 24v Coil(Electric Box)	HC150164	1	F2K –
Relay-Overload 6-10AAuto Reset (B12)(B24-3 Phase) (Electric Box)	HC150162	1	F2K – G2K
Relay-Overload 14-32AAuto Reset (B24-1 Phase) (Electric Box)	HC150163	1	F2K – G2K
Relay-Overload	<i>Serial No. H2K through A2L contact factory</i>		
Relay-SS Overload 1 PH 5-15A (B12 -1 Phase)	HC150158	1	A2L –
Relay-SS Overload 1 PH 12-32A(B24 - 1 Phase) ..	HC150157	1	A2L –
Relay-SS Overload 3 PH 3.7-12A (B12 & B24 3 Phase)	HC150159	1	A2L –
Ring Bearing Spacer (Bearing-Assy)	IC158115180	1	F2K – D2L
Ring-Retaining 24mm Ext.	HC160430	1	F2K –
Ring-Retaining Dia. 45 UNI7437 C70 (Drive Shaft Assy.)	IC519000145	1	F2K –
Ring-Retaining Dia. 85 UNI7435 C70 (Drive Shaft Assy.)	IC519000285	1	F2K –
Rivet-Ratchet Plastic(Compressor Wrap)(B24)	HC160419	4	F2K –
Rod-Belt Tension	HC140183	1	F2K –
Sanitizer-Stera Sheen (per case/4 jars)	HC158014	*	F2K –
Sanitizer-Stera Sheen (sample)	HC158013	*	F2K –
Screw-FHMS M4 x 20 SST (Door Assy.)	IC511530420	1	F2K –
Screw-HXHM M3 x 40mm ZN Blue (Torque Switch Assy.)	HC159956	2	F2K –
Screw-HXHM M5 x 20mm ZN Blue (Drive Assy.)	HC159987	3	F2K –
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3PH/60HZ.

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM - TO)
Screw-HXHM M6 x 40mm ZN Blue (Torque Switch Assy.)	HC160091	2	F2K -
Screw-HXHC M8 x 20 Rounded (Panel View)	HC140290	4	F2K -
Screw-HXHC M10 X 30mm CL 8.8 ZN Blue (Drive Assy.)	HC160192	3	F2K -
Screw-HXHM M12 x 25mm ZN Blue (Drive Assy.)	HC160085	1	F2K -
Screw-TRPM #10-24 x 1/2SST(Rear Channel) (Side, Top and Front panels)	HC160076	20	F2K -
Screw-TRPM 1/4-20 x 1/2 SST	HC160048	12	F2K -
Screw-TRPM 1/4-20 x 1 SST	HC159219	2	F2K -
Seal-Shaft	IC177120280	1	F2K -
Shaft-Assy. Drive	See Drive-Assy. Shaft		
Sheave-20J 1.575 OD .875 Shaft (Drive)(B12)	HC140220	1	F2K -
Sheave-30J 1.969 OD 1.125 Shaft (Drive)(B24)	HC140349	1	F2K -
Shelf-Assy. Batch	HC119656	1	F2K -
Shelf-Assy. Condenser (Air Cooled)(B24)	HC119464	1	F2K -
Shroud-Assy. Condenser (Air Cooled)(B24)	HC119463	1	F2K -
Shroud-Assy. Condenser (Air Cooled)(B12)	HC118787	1	F2K -
Socket-Miniature Relay Clamp (Electric Box)	HC150165	1	F2K -
Spacer-Bearing (Drive Assy.)	IC158155200	1	F2K -
Spacer-Cylinder Mtg. Plate (Air Cooled)	HC132707	4	F2K -
Spacer-Door Front (Door Assy.)	IC107170900	1	F2K - E2L
Spacer-Door Front (Door Assy.)	HC140480	1	E2L -
Space-Sheave (B12)	HC150387	*	F2K -
Spacer-Shelf Mounting	HC140254	2	F2K -
Spring-Clutch (Drive Assy.)	IC178150200	6	F2K -
Spring-Compression	HC162325	1	F2K - I2L
Spring-Compression 5,5 33 116 126,86	IC174815031	1	I2L -
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Alphabetized Parts List for Model B12 and B24

Important: All parts shown are for standard models designed for 230V/1PH/60HZ or 208-230V/3ph/60HZ..

PART DESCRIPTION	PART NUMBER	QTY	SERIAL NUMBER (FROM – TO)
Spring-Compression SST (Door Assy)	IC178100060	1	F2K –
Spring-Microswitch Adjusting (Torque Switch Assy.)	IC178150390	2	F2K –
Strip-Terminal (Electric Box)	HC150795	1	F2K –
Strip-Terminal 3 Pole (Electric Box)	HC139055-01	1	F2K –
Stud-Clutch Spring (Drive Assy.)	C171110120	3	F2K –
Switch-Rotary 3P	HC150515	1	F2K –
Thermostatic Expansion Valve 68Z3438	IC581101054	1	F2K –
Timer-0-30 Minute Digital	HC150581	1	F2K –
Transformer-75VA/24VAC/MURD	IC574100325	1	F2K –
Tube-Assy. Drain (B12)	HC119605	1	F2K –
Tube-Assy. Drain (B24)	HC119458	1	F2K –
Tube-Motor Tension Spring	HC140271	1	F2K –
Valve-1/4 Turn Faucet	HC155489	1	F2K – D2L
Valve-Access	HC155419	1	F2K –
Valve-Assy Water includes	113769-01	1	F2K –
Valve-Water 3/8	HC155410	1	F2K –
Valve-Solenoid 24v	HC155491	1	F2K –
Valve-Thermostatic Expansion 68Z3438	IC581101054	1	F2K –
Valve-Water 3/8	HC155410	1	F2K –
Washer-Ext Tooth Lock M10 ZN Blue	HC160210	3	F2K –
Washer-Flat #10 ZN (Drive Assy.)	HC160138	6	F2K –
Washer-Flat M20 Blue (B24)	HC160184	1	F2K –
Washer-Flat 24mm Nylon	HC160182	1	F2K –
Washer-Flat 5/16 ZN (Drive Assy.)	HC160131	2	F2K –
Washer-Flat M10 x 19mm OD ZN Blue(Drive Assy.)	HC159931	12	F2K –
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