



SERVICE PARTS MANUAL
21" & 30" MODULAR NUGGET ICE MAKERS
Remote Cooled Units with R449 Refrigerant
GEM0650R49 / GEM0956R49 / GEM1306R49
MFI0800R49 / MFI1256R49 / MFI1506R49
MFI2306R49

21" MODELS

GEM0650R49
GEM0956R49
GEM1306R49

MFI0800R49
MFI1256R49
MFI1506R49

HEM0650R49
HEM0956R49
HEM1306R49

30" MODELS

GEM2006R49

MFI2306R49

HEM2006R49



Parts Manual for
Pearl, Flake & Quartz
Remote Cooled
R449 Refrigerant

This parts list contains the service parts available for the GEM-MFI Series icemakers listed below:

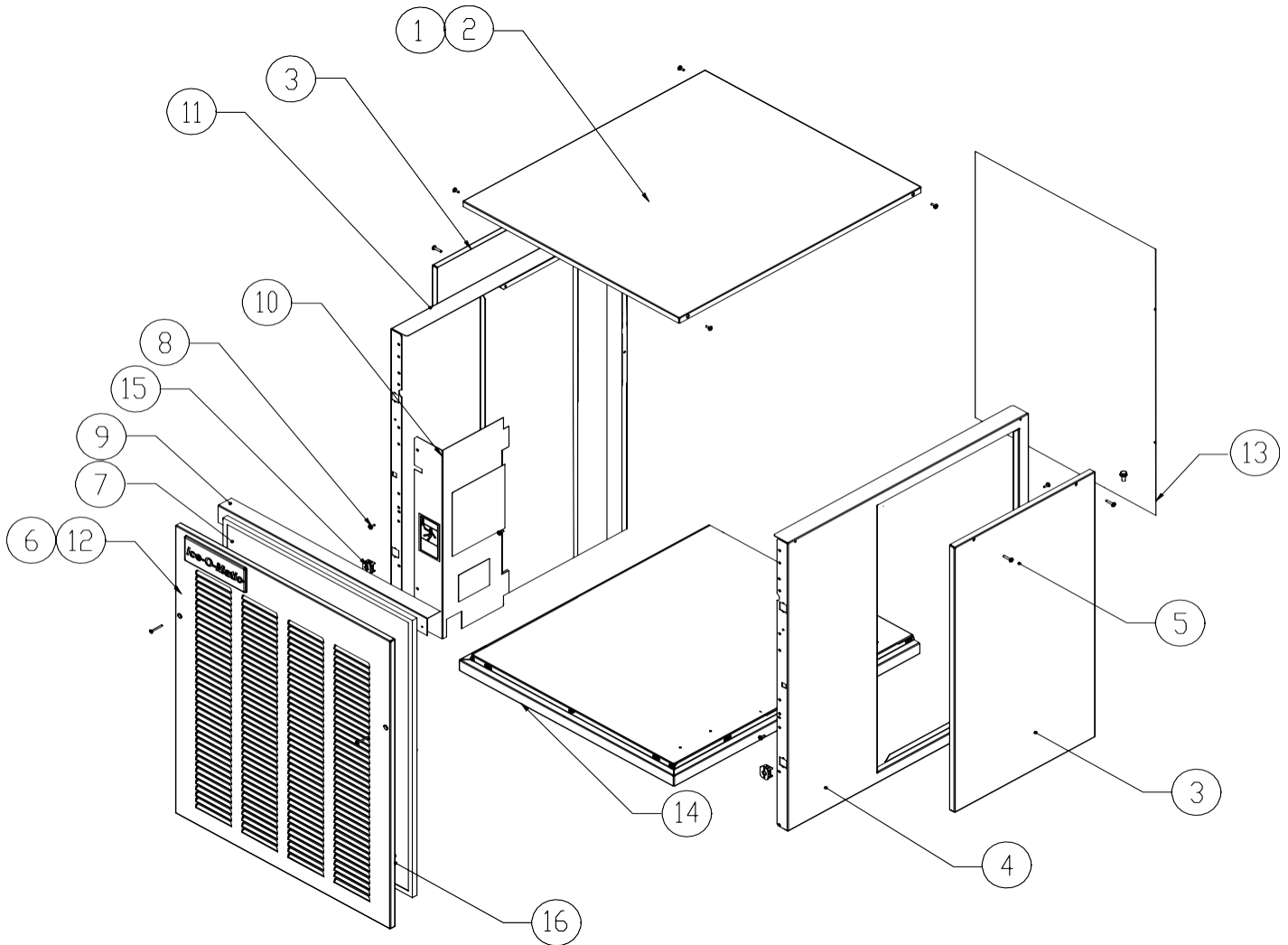
GEM0650R49	MFI0800R49
GEM0956R49	MFI1256R49
GEM1306R49	MFI1506R49
	MFI2306R49

Check the model number on the data plate and refer to the correct listing for the specific component.

Check carefully that the correct part is identified and ordered.

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Evaporator	Page 9 - 10

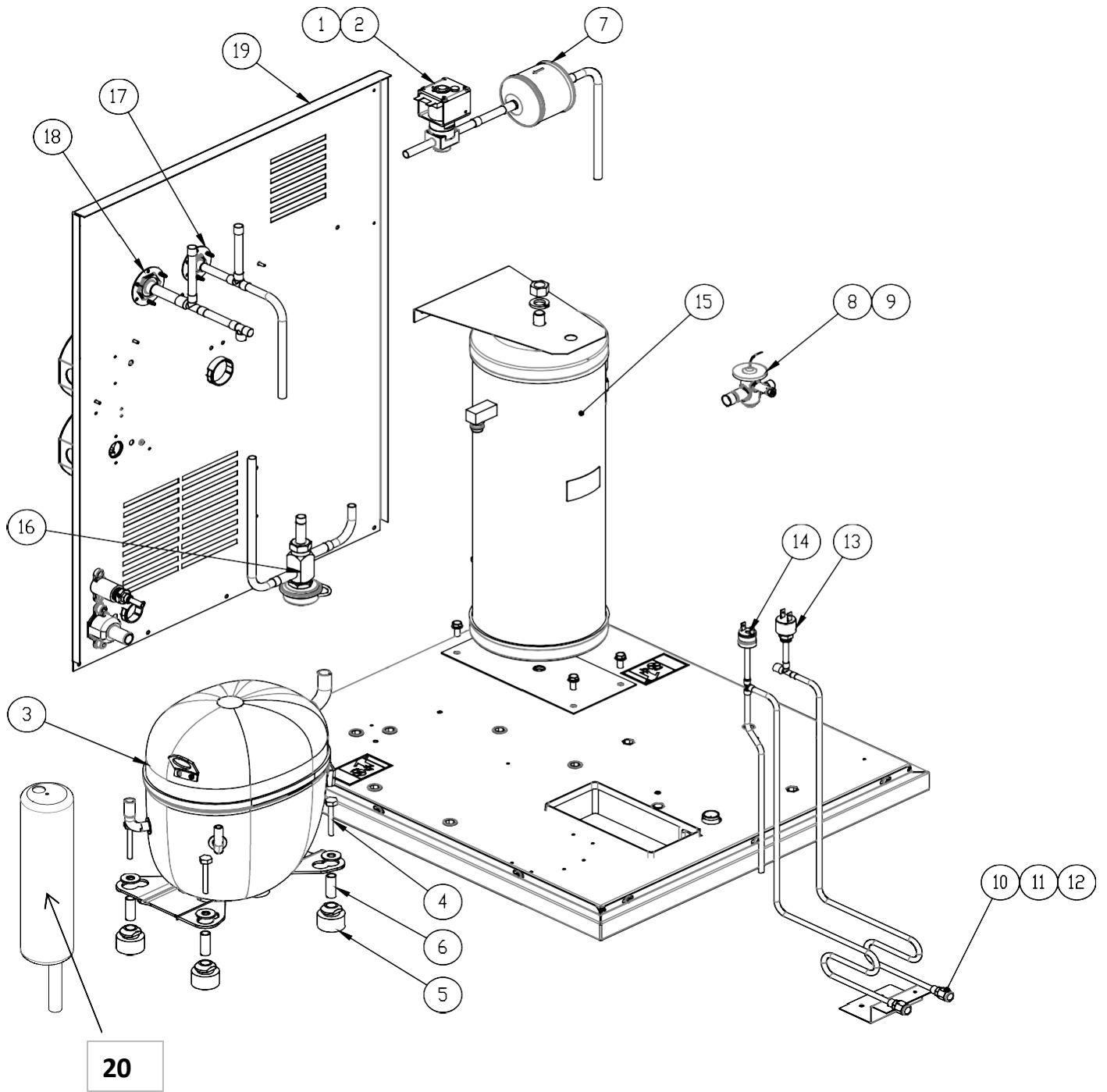
Ice-O-Matic
11100 East 45th Ave.
Denver Co. 80239
800-423-3367



Item No.	Model Number							Description
	GEM0650	GEM0956	GEM1306	MFI0800	MFI1256	MFI1506	MFI2306	
1	3021951-01	3021951-01	3022034-01	3021951-01	3021951-01	3022034-01	3022034-01	Panel, Top
2	9031046-27	9031046-27	9031046-27	9031046-27	9031046-27	9031046-27	9031046-27	Screw
3	3021953-01	3021953-01	3021953-01	3021953-01	3021953-01	3021953-01	3021953-01	Panel, Service
4	3021952-01	3021952-01	3021952-01	3021952-01	3021952-01	3021952-01	3021952-01	Panel, End, Right
5	9031113-14	9031113-14	9031113-09	9031113-14	9031113-14	9031113-09	9031113-09	Screw
6	2031515-01	2031519-01	2031548-01	2031515-01	2031519-01	2031548-01	2031548-01	Front Panel
7	9131475-01	NA	NA	9131475-01	NA	NA	N/A	Air Filter
8	9031046-27	9031046-27	9031046-03	9031046-27	9031046-27	9031046-03	9031046-03	Screw
9	2021701-01	2021701-01	3011381-01	2021701-01	2021701-01	3011381-01	3011381-01	Front Brace
10	3013391-01	3013391-01	3013391-01	3013391-01	3013391-01	3013391-01	3013391-01	Control Box Cover
11	3021950-01	3021950-01	3021950-01	3021950-01	3021950-01	3021950-01	3021950-01	Panel, End, Left
12	9031045-07	9031045-07	9031045-07	9031045-07	9031045-07	9031045-07	9031045-07	Screw
13	NA	3013392-01	3013785-01	NA	3013392-01	3013785-01	3013785-01	Panel, Rear
14	2021699-01	2021699-01	2021827-01	2021699-01	2021699-01	2021827-01	2021827-01	Base
15	9021112-01	9021112-01	9021112-01	9021112-01	9021112-01	9021112-01	9021112-01	Cabinet Catch
16	9021121-01	9021121-01	9021121-01	9021121-01	9021121-01	9021121-01	9021121-01	Strike

2031515-01 Louvered Front Panel

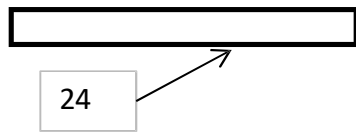
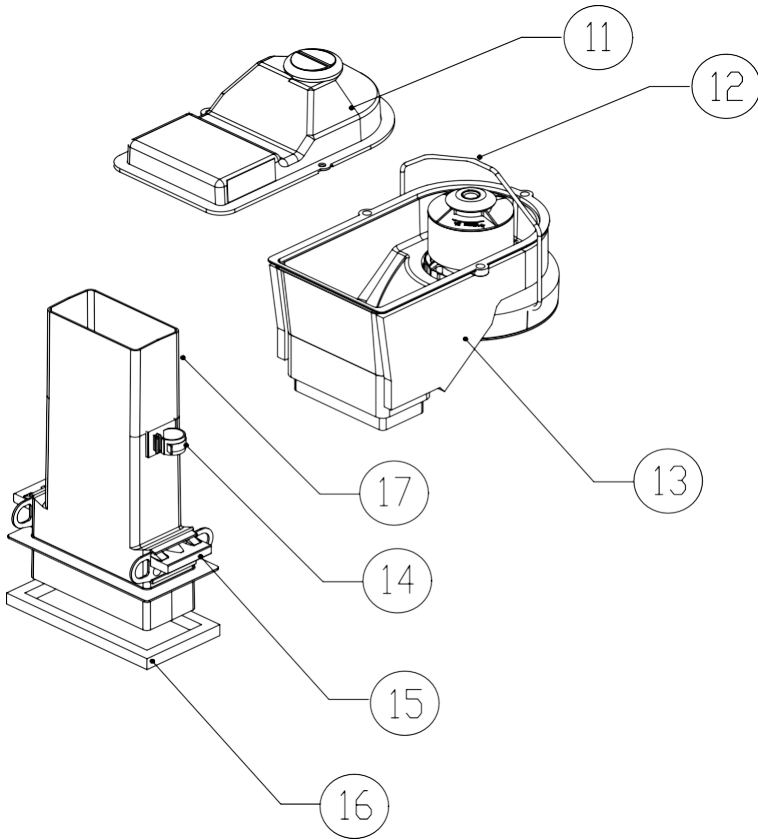
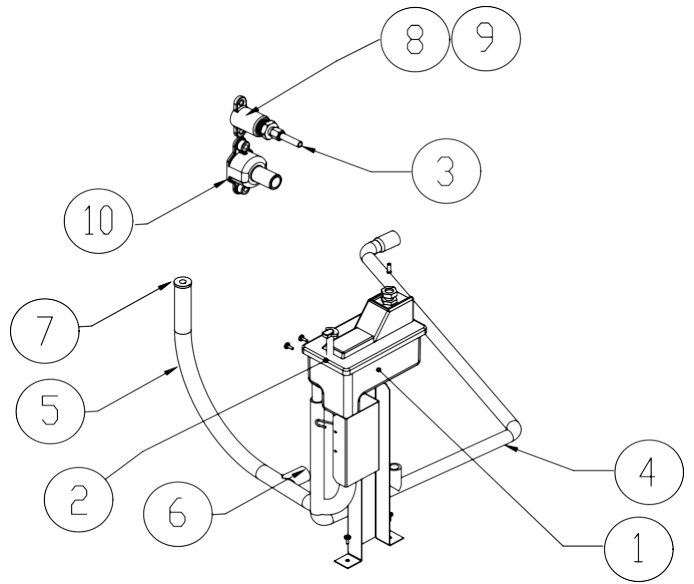
2031548-01 Solid Front Panel-No Louv



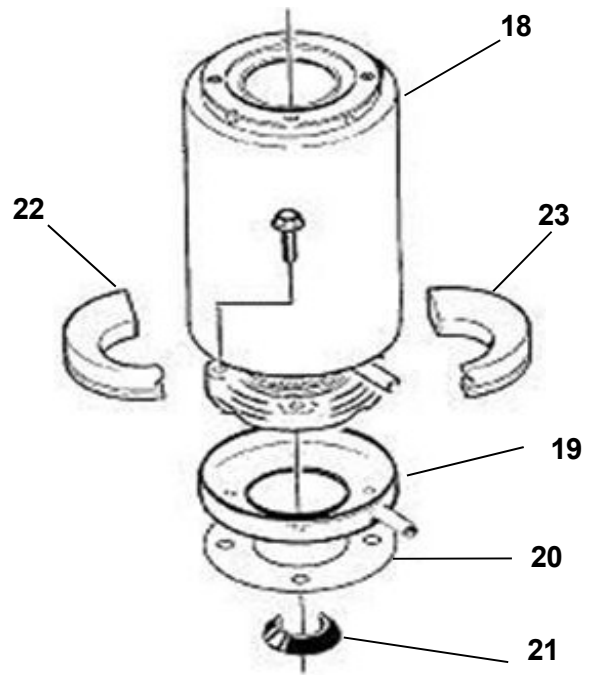
Item No.	Model Number						Description
	GEM0650	GEM0956	GEM1306	MFI0800	MFI1256	MFI1506	
1	9151123-01	9151123-01	9151123-01	9151123-01	9151123-01	9151123-01	Liquid Line Solenoid Body
2	9151123-03	9151123-04	9151123-04	9151123-03	9151123-04	9151123-04	Liquid Line Solenoid Coil
3	9181215-01	9181145-01	9181153-01	9181215-01	9181145-01	9181153-01	Compressor
4	9031001-41	9031001-41	9031001-41	9031001-41	9031001-41	9031001-41	Compressor Bolt
5	9181002-09	9181002-09	9181002-09	9181002-09	9181002-09	9181002-09	Compressor Grommet
6	9181002-02	9181002-02	9181002-02	9181002-02	9181002-02	9181002-02	Compressor Grommet Sleeve
7	9151163-03	9151163-03	9151163-03	9151163-03	9151163-03	9151163-03	Drier
8	9131143-02	9131143-02	9131543-02	9131543-02	9131143-02	9131143-02	Expansion Valve Insulation
9	9151208-01	9151220-01	9151220-01	9151219-01	9151220-01	9151220-01	Expansion Valve
10	9091086-01	9091086-01	9091086-01	9091086-01	9091086-01	9091086-01	Service Valve Body
11	9091086-02	9091086-02	9091086-02	9091086-02	9091086-02	9091086-02	Service Valve Core
12	9091086-03	9091086-03	9091086-03	9091086-03	9091086-03	9091086-03	Service Valve Cap
13	9041111-01	9041111-01	9041111-01	9041111-01	9041111-01	9041111-01	Hi Pressure Cut Out
14	9041102-01	9041102-01	9041102-01	9041102-01	9041102-01	9041102-01	Low Pressure Cut Out
15	9151159-01	9151159-01	9151059-01	9151059-01	9151159-01	9151059-01	Receiver
16	9151027-05	9151027-05	9151027-05	9151027-05	9151027-05	9151027-05	Head Pressure Control Valve
17	9091001-11	9091001-11	9091001-11	9091001-11	9091001-11	9091001-11	Quick Connect Fitting 3/8
18	9091001-12	9091001-12	9091001-12	9091001-12	9091001-12	9091001-12	Quick Connect Fitting 1/2
19	3013392-01	3013392-01	3013392-01	9013392-01	3013392-01	3013392-01	Rear Panel
20	N/A	9151164-01	9151164-01	9151164-01	9151164-01	9151164-01	Accumulator

Item No.	Model Number	
	MFI2306R	Description
1	9151192-02	Liquid Line Solenoid Body
2	9151193-02	Liquid Line Solenoid Coil
3	9181199-11	Compressor
4	9031001-41	Compressor Bolt
5	9181002-09	Compressor Grommet
6	9181002-02	Compressor Grommet Sleeve
7	9151163-03	Drier
8	9131544-01	Expansion Valve Insulation
9	9151208-01	Expansion Valve
10	9091086-01	Service Valve Body
11	9091086-02	Service Valve Core
12	9091086-03	Service Valve Cap
13	9041111-01	Hi Pressure Cut Out
14	9041115-01	Low Pressure Cut Out
15	9151060-01	Receiver
16	9151027-07	Head Pressure Control Valve
17	9091001-11	Quick Connect Fitting 3/8
18	9091001-12	Quick Connect Fitting 1/2
19	3013785-01	Rear Panel
20	N/A	Accumulator

Head Pressure Control Valve for the Model MFI2306R is located in the Remote Condenser

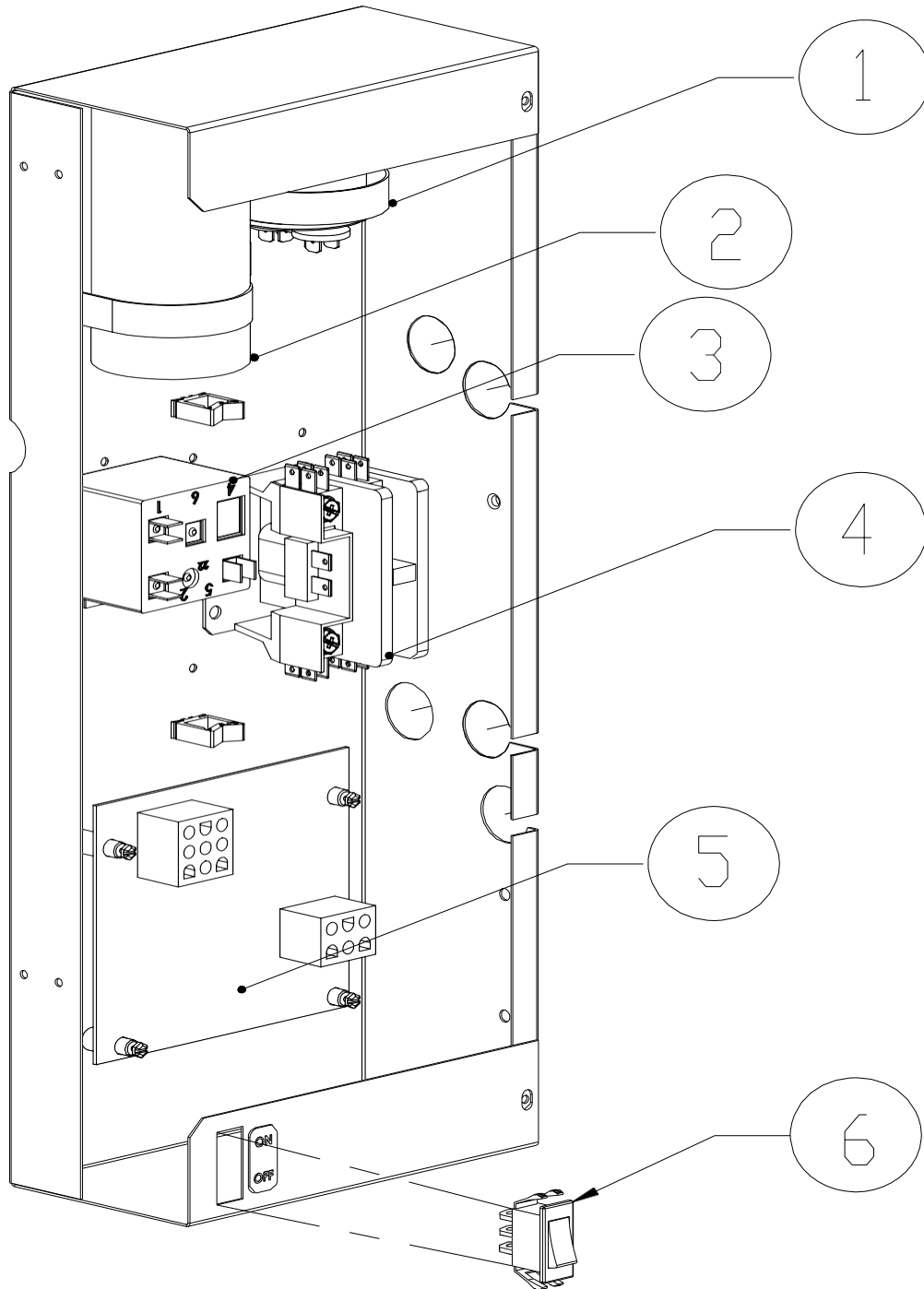


#24 wraps around evap, replacing #22 and #23



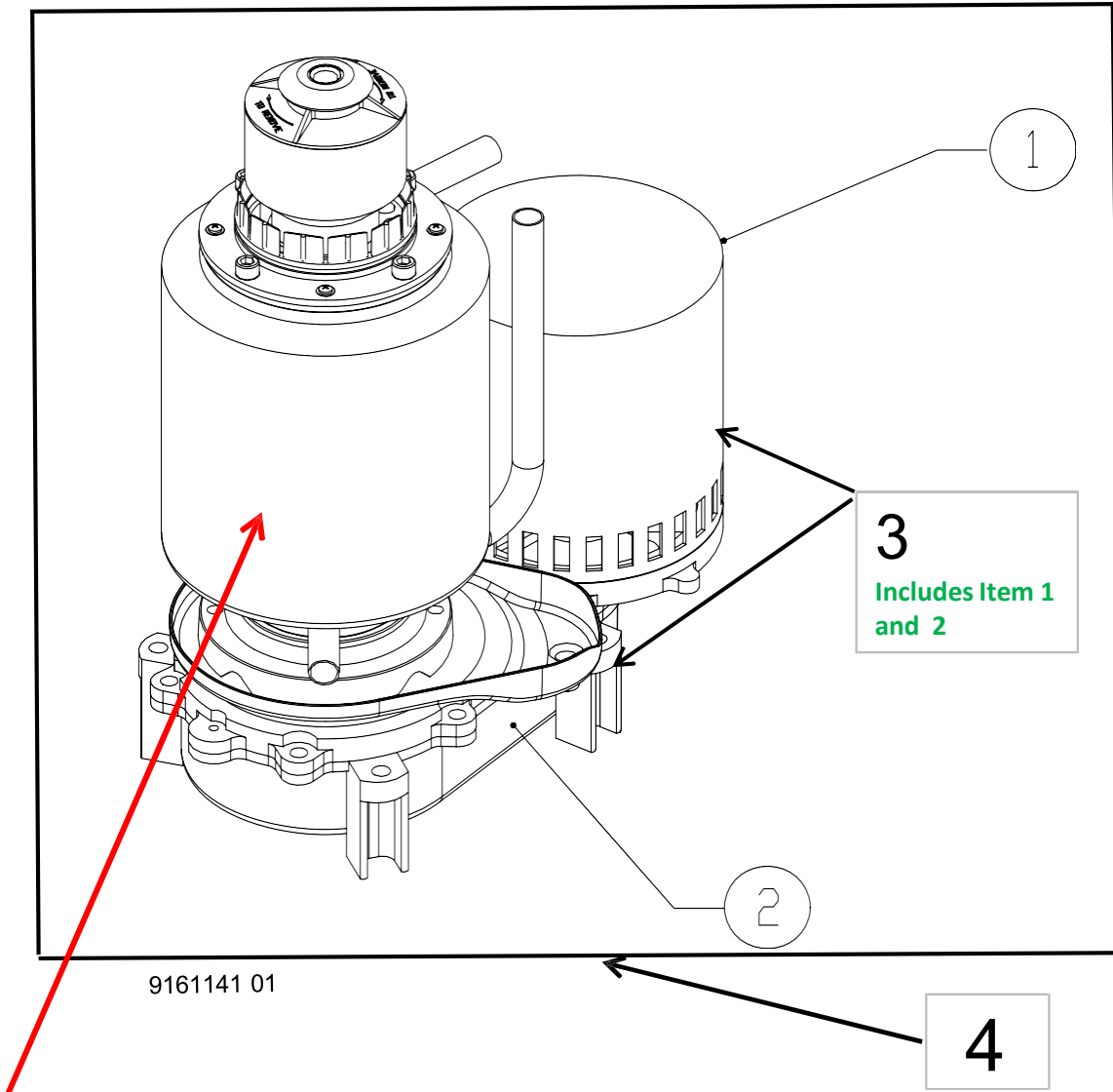
Item No.	Model Number						Description
	GEM0650	GEM0956	GEM1306	MFI0800	MFI1256	MFI1506	
1	9131481-01	9131481-01	9131481-01	9131481-01	9131481-01	9131481-01	Float Assembly
2	9101334-01	9101334-01	9101334-01	9101334-01	9101334-01	9101334-01	Probe-Conductivity
3	3032898-40	3032898-40	3032898-40	3032898-40	3032898-40	3032898-40	1/4 OD Polyethylene Tube (40")
4	9051606-02	9051606-01	9051804-01	9051606-02	9051606-01	9051804-01	Tube, Water Drain
5	9051619-01	9051619-01	9051805-01	9051619-01	9051619-01	9051805-01	Tube, Evaporator Water Inlet
6	9021147-01	9021147-01	9021147-01	9021147-01	9021147-01	9021147-01	Clamp
7	9051610-01	9051610-01	9051610-01	9051610-01	9051610-01	9051610-01	Plug
8	9091074-01	9091074-01	9091074-01	9091074-01	9091074-01	9091074-01	Drop Adapter Fitting
9	9091083-01	9091083-01	9091083-01	9091083-01	9091083-01	9091083-01	Water Inlet Fitting
10	9091140-01	9091140-01	9091140-01	9091140-01	9091140-01	9091140-01	Drain Fitting
11	9051602-01	9051602-01	9051602-01	9051602-01	9051602-01	9051602-01	Cover-Ice Chute
12	9131494-01	9131494-01	9131494-01	9131494-01	9131494-01	9131494-01	Clamp-Ice Chute
13	9131495-01	9131495-01	9131495-01	9131495-01	9131495-01	9131495-01	Ice Chute and Foam Assembly
14	9021116-01	9021116-01	9021116-01	9021116-01	9021116-01	9021116-01	Clip-Hose
15	1051166-01	1051166-01	1051166-01	1051166-01	1051166-01	1051166-01	Bin Control Assembly Set of 2
16	9051614-01	9051614-01	9051614-01	9051614-01	9051614-01	9051614-01	Gasket, Ice Chute
17	9051601-02	9051601-02	9051601-02	9051601-02	9051601-02	9051601-02	Ice Chute, Lower
18	9151170-01	9151169-01	9151169-01	9151170-01	9151169-01	9151169-01	Evaporator
19	9051632-01	9051632-01	9051632-01	9051632-01	9051632-01	9051632-01	Drip Pan
20	9131486-01	9131486-01	9131486-01	9131486-01	9131486-01	9131486-01	Drip Pan Gasket
21	9051611-01	9051611-01	9051611-01	9051611-01	9051611-01	9051611-01	Water Shed
22	1011380-178	1011380-178	1011380-178	1011380-178	1011380-178	1011380-178	Insulation NLA-See Item 24
23	1011380-179	1011380-179	101138-179	1011380-179	1011380-179	1011380-179	Insulation NLA-See Item 24
24	9021140-01	9021140-01	9021140-01	9021140-01	9021140-01	9021140-01	Insulation Replaces 22 and 23

Item No.	MFI2306	Description
1	9131481-01	Float Assembly
2	9101334-01	Probe-Conductivity
3	N/A	1/4 OD Polyethylene Tube (40")
	3022898-07	1/4 OD Polyethylene Tube (7")
	3022898-26	1/4 OD Polyethylene Tube (26")
	9091184-01	Tee, Push to Connect
4	9051804-01	Tube, Water Drain
5	9051805-01	Tube, Evaporator Water Inlet
6	9021147-01	Clamp
7	9051610-01	Plug
8	9091074-01	Drop Adapter Fitting
9	9091083-01	Water Inlet Fitting
10	9091140-01	Drain Fitting
11	9051602-01	Cover-Ice Chute
12	9131494-01	Clamp-Ice Chute
13	9131495-01	Ice Chute and Foam Assembly
14	9021116-01	Clip-Hose
15	1051166-01	Bin Control Assembly Set of 2
16	9051614-01	Gasket, Ice Chute
17	9051601-02	Ice Chute, Lower
18	9151169-01	Evaporator
19	9051632-01	Drip Pan
20	9131486-01	Drip Pan Gasket
21	9051611-01	Water Shed
22	N/A	Insulation NLA-See Item 24
23	N/A	Insulation NLA-See Item 24
24	N/A	Insulation Replaces 22 and 23



Item No.	Model Number							Description
	GEM0650	GEM0956	GEM1306	MFI0800	MFI1256	MFI1506	MFI2306	
1	9181009-13	9181009-19	9181009-17	9181009-13	9181009-19	9181009-17	9181199-20	Run Capacitor
2	9181003-64	9181003-52	9181003-52	9181003-64	9181003-52	9181003-52	N/A	Start Capacitor
3	9181010-28	9181010-27	9181010-27	9181010-28	9181010-27	9181010-27	N/A	Compressor Relay
4	9101002-07	9101002-06	9101002-06	9101002-07	9101002-06	9101002-06	9101002-06	Contactors
5	9101335-01	9101335-01	9101335-01	9101335-01	9101335-01	9101335-01	9101335-01	Board
6	9101139-04	9101139-04	9101139-04	9101139-04	9101139-04	9101139-04	9101139-04	Switch

The MFI2306R uses 2 Boards, the 2 Boards are the SAME Part Number



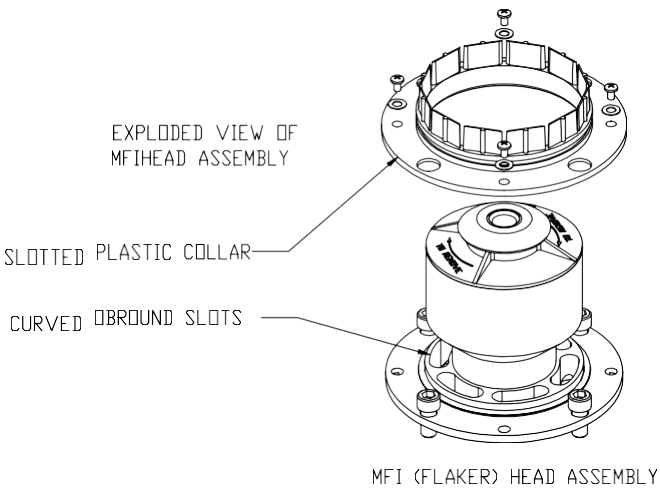
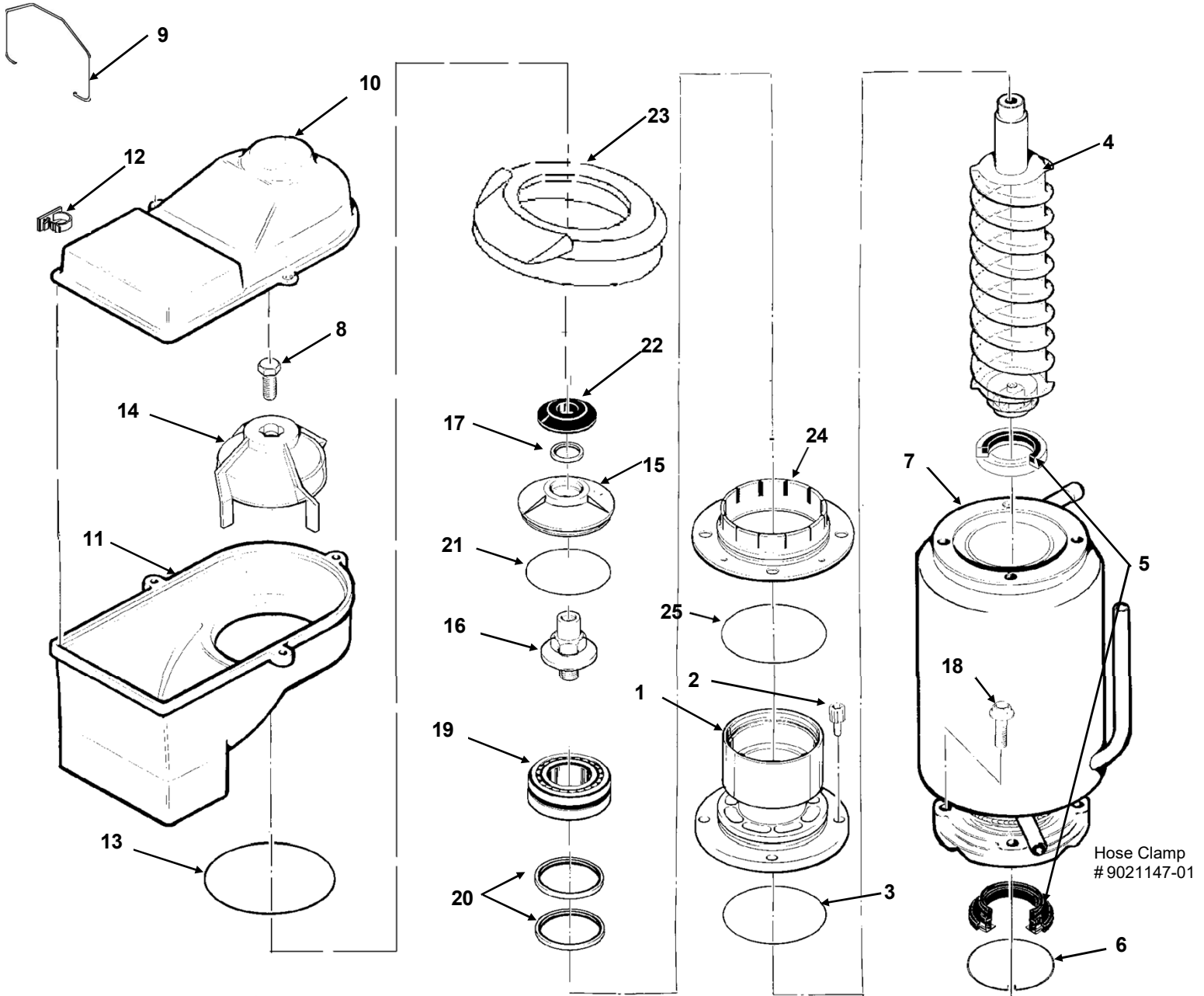
The Evaporator IS NOT AVAILABLE AS AN ASSEMBLY, INDIVIDUAL COMPONENTS MUST BE ORDERED
The Evaporator only as an assembly is not available because there is no way to support the lower portion of the Auger.

Item No.	Model Number						Description	
	GEM0650	GEM0956	GEM1306	MFI0800	MFI1256	MFI1506		
1	9161139-01	9161140-01	9161140-01	9161139-01	9161140-01	9161140-01	9161140-01	Drive Motor Only
2	9161127-01	9161141-01	9161141-01	9161141-01	9161141-01	9161141-01	9161141-01	Gear Box Only
3	9161126-01S	9161126-01S	9161126-01S	9161127-01S	9161126-01S	9161126-01S	9161126-01S	Motor-Gear Box Assy
4	2081044-02AS	2081044-06AS	2081044-06AS	2081044-01AS	2081044-05A2	2081044-05AS	2081044-05AS	Complete Assembly*

*Note: Complete Assembly includes Drive Motor, GearBox Assembly and Evaporator Assembly

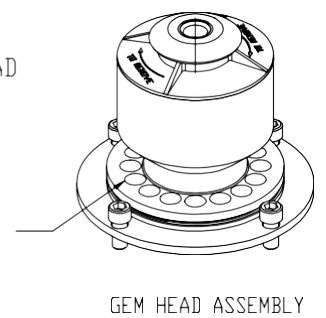
Lubricants			
		6051073-01	Requires 14 oz.
		9131560-01	
		6051062-01	
			Gear Box Lubricant
			Grease Needle
			Upper Bearing Grease

Note: Units manufactured from July 1, 2019 have a Solid Oil Surface Bearing that are relubrication free.



NOTE DIFFERENCE BETWEEN MFI HEAD ASSEMBLY AND GEM HEAD ASSEMBLY

ROUND EXTRUSION HOLES WITH NO SLOTTED PLASTIC COLLAR



Item No.	Model Number						Description
	GEM0650	GEM0956	GEM1306	MFI1256	MFI1506R	MFI2306R	
1	2081046-01A	2081046-01A	2081046-01A	2081046-01A	2081046-01A	2081046-01A	Breaker (Includes items 3,15,17,19,21,22,25)
2	9031169-02	9031169-02	9031169-02	9031169-02	9031169-02	9031169-02	Socket Head Screw
3	9051636-01	9051636-01	9051636-01	9051636-01	9051636-01	9051636-01	O-Ring
4	9151167-01	9151196-01	9151196-01	9151196-01	9151196-01	9151196-01	Auger
5	9021142-01	9021142-01	9021142-01	9021142-01	9021142-01	9021142-01	Water Seal
6	9021141-01	9021141-01	9021141-01	9021141-01	9021141-01	9021141-01	Ring, Water Seal
7	9151169-01	9151169-01	9151169-01	9151169-01	9151169-01	9151169-01	Evaporator-Barrel Only
8	9031001-44	9031001-44	9031001-44	9031001-44	9031001-44	9031001-44	Hex Cap Screw
9	9131494-01	9131494-01	9131494-01	9131494-01	9131494-01	9131494-01	Bail Clamp
10	9051602-01	9051602-01	9051602-01	9051602-01	9051602-01	9051602-01	Ice Chute Cover
11	9131495-01	9131495-01	9131495-01	9131495-01	9131495-01	9131495-01	Ice Chute Body with Insulation
12	9021116-01	9021116-01	9021116-01	9021116-01	9021116-01	9021116-01	Drain Hose Clip
13	9051634-01	9051634-01	9051634-01	9051634-01	9051634-01	9051634-01	O-Ring
14	9051603-01	9051603-01	9051603-01	9051603-01	9051603-01	9051603-01	Ice Sweep
15	9151171-01	9151171-01	9151171-01	9151171-01	9151171-01	9151171-01	Breaker Cover
16	9151168-01	9151168-01	9151168-01	9151168-01	9151168-01	9151168-01	Auger Stud
17	9121054-01	9121054-01	9121054-01	9121054-01	9121054-01	9121054-01	Lip Seal
18	9031001-42	9031001-42	9031001-42	9031001-42	9031001-42	9031001-42	Cap Screw
19	9121052-01A	9121052-01A	9121052-01A	9121052-01A	9121052-01A	9121052-01A	Bearing
20	9121053-01	9121053-01	9121053-01	9121053-01	9121053-01	9121053-01	Lip Seal
21	9051635-01	9051635-01	9051635-01	9051635-01	9051635-01	9051635-01	O-Ring
22	9051611-01	9051611-01	9051611-01	9051611-01	9051611-01	9051611-01	Water Shed
23	9051613-02	9051613-02	9051613-02	9051613-01	9051613-01	9051613-01	Insulation Collar
24	N/A	N/A	N/A	9051638-01	9051638-01	9051638-01	Slotted collar
25	N/A	N/A	N/A	9051637-01	9051637-01	9051637-01	O-Ring

26 9021147-01

Hose Clamp

Item No.	Model Number	
	MFI2306R	Description
1	2081046-01A	Breaker (Includes items 3,15,17,19,21,22,25)
2	9031169-02	Socket Head Screw
3	9051636-01	O-Ring
4	9151196-01	Auger
5	9021142-01	Water Seal
6	9021141-01	Ring, Water Seal
7	9151169-01	Evaporator-Barrel Only
8	9031001-44	Hex Cap Screw
9	9131494-01	Bail Clamp
10	9051602-01	Ice Chute Cover
11	9131495-01	Ice Chute Body with Insulation
12	9021116-01	Drain Hose Clip
13	9051634-01	O-Ring
14	9051603-01	Ice Sweep
15	9151171-01	Breaker Cover
16	9151168-01	Auger Stud
17	9121054-01	Lip Seal
18	9031001-42	Cap Screw
19	9121052-01A	Bearing
20	9121053-01	Lip Seal
21	9051635-01	O-Ring
22	9051611-01	Water Shed
23	9051613-01	Insulation Collar
24	9051638-01	Slotted collar
25	9051637-01	O-Ring