



SERVICE PARTS MANUAL 30" MODULAR CUBERS

Air, Remote, Water Cooled with R449 Refrigerant
CIM0836XX49 / CIM0836GA49 (Grande)
CIM1136XX49 / CIM1137XX49

60hz MODELS

CIM0836FA49
CIM0836HA49
CIM0836GA49
CIM0836FR49
CIM0836HR49
CIM0836FW49
CIM0836HW49

CIM1136FA49
CIM1136HA49
CIM1136FR49
CIM1136HR49
CIM1136FW49
CIM1136HW49

CIM1137FA49
CIM1137HA49
CIM1137FR49
CIM1137HR49
CIM1137FW49
CIM1137HW49



Parts Manual for
800-1100 lb
CIM 30" Cuber
50-60hz Models

IMPORTANT NOTE: At the time this document was modified, the newer refrigerant models were in a state of transition (new design and refrigerant type). As such, there are indications that earlier models of the CIM0826A-W, CIM0836A-W, CIM1126A-W, CIM1136A-W used R290 refrigerant (reference related R290 parts manual).

Based on this specific parts manual (the one your presently reading), it appears that these models may have been re-engineered or revised to use R449 refrigerant (reference related R449 parts manuals). It's also likely that the manufacturer re-used an older template and didn't properly update the model references thus causing confusion. Once verified, these statements will be updated or removed.

As this is a transition period, the specifics of this issue is difficult to confirm. To verify the refrigerant type, simply identify the model of the unit in question. If it ends in 49, the unit uses R449 refrigerant. If it ends in 90, the unit uses R290 refrigerant.

If neither is the case, it may be an earlier model that uses R404 refrigerant. If so, you'll need to reference an earlier published parts manual specific to that model. For proper parts identification, always use the appropriate parts manual related to the model and refrigerant type.

This manual was modified and updated by Gulf Ice Systems, Inc. (04/29/2026).

This parts list contains the service parts available for the following CIM Series.

CIM0836XX49	208-230/60/1	CIM0835XX49	220-240/50/1
CIM0836GA49	208-230/60/1		
CIM1136XX49	208-230/60/1	CIM1135XX49	220-240/50/1
CIM1137XX49	208-230/60/3		

Model Number Example

CIM0836HA49

CIM = **C**uber **I**ce **M**achine

08 = 800 lb, in 24 hours capacity

3 = 30 inch wide cabinet

0 = 115 Volt, **5** = 220-240/50/1 **6** = 208-230/60/1 Volt

H = Half Cube Size, **F** = Full Cube Size **G**=Grande Cube Size

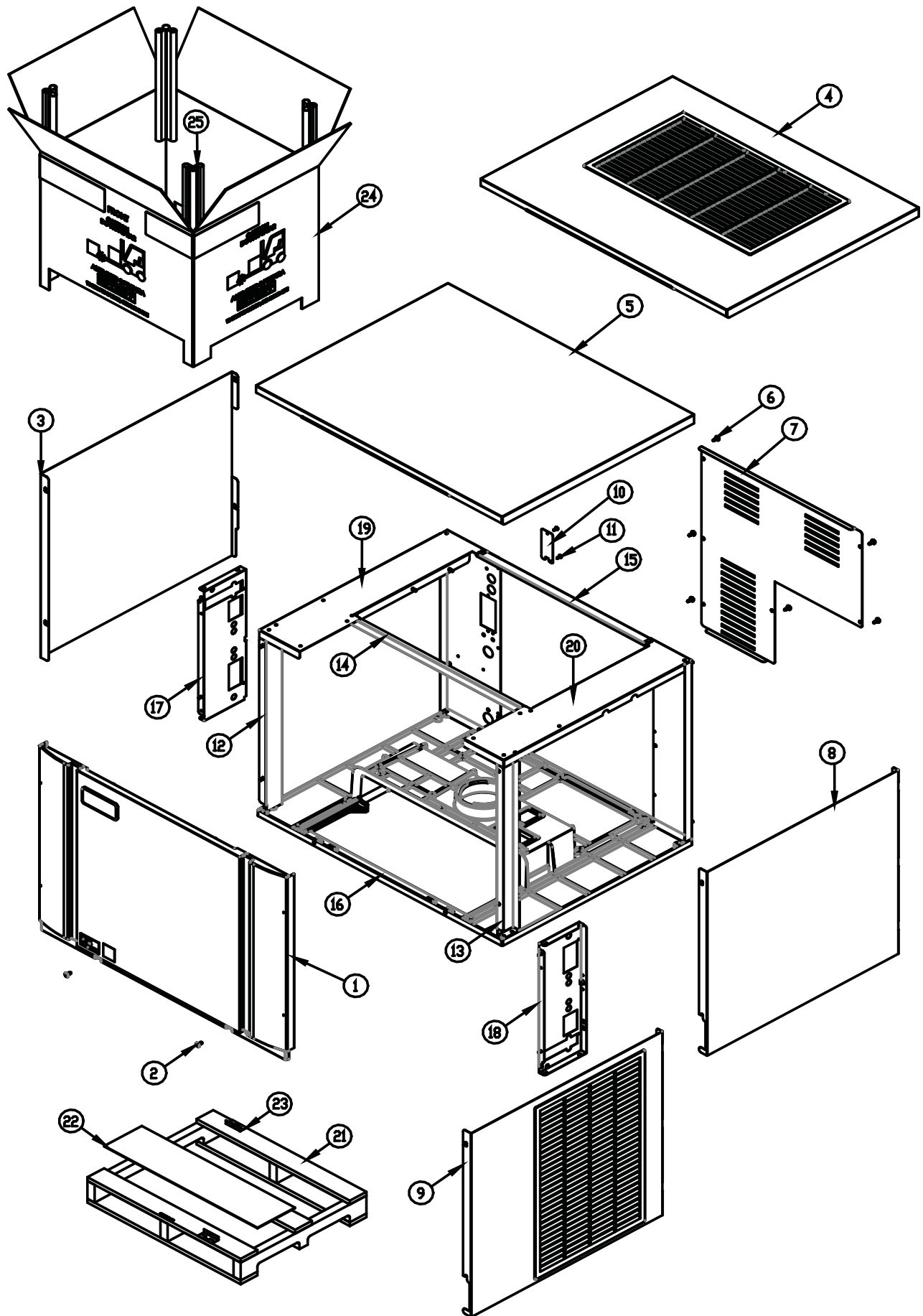
A = Air Cooled Condenser, **W** = Water Cooled Condenser **R**=Remote Condenser

49=Refrigerant R449

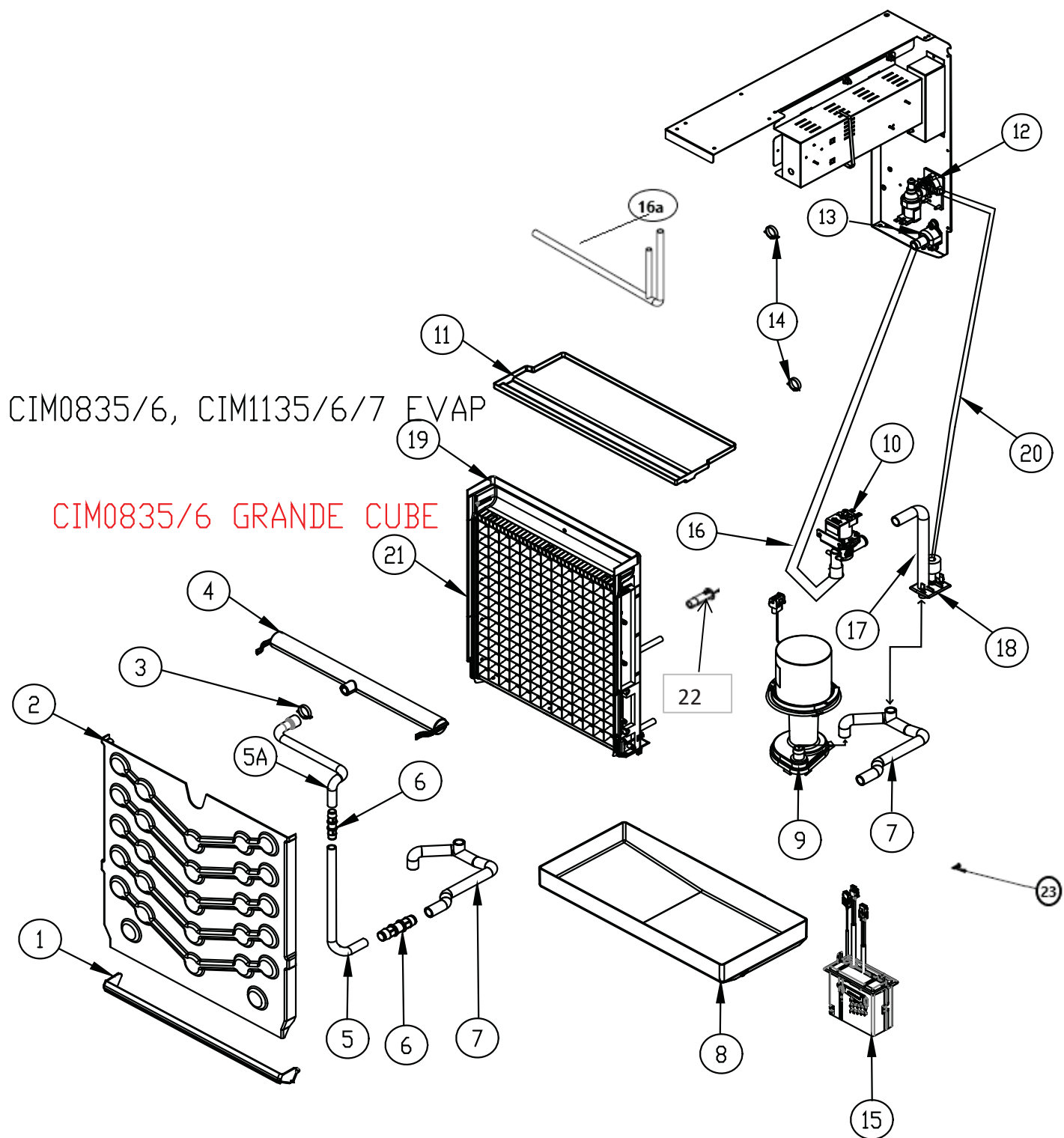
Check the model number on the data plate and refer to the correct listing for the specific component.

Check carefully that the correct part is identified and ordered.

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Item No.	60 HZ Model Number				Description
	CIM0836xx49		CIM1136xx49	CIM1137xx49	
1	2031544-01S		2031544-01S	2031544-01S	Front Panel
2	9031237-01		9031237-01	9031237-01	Front Panel Screws
3	3022007-05		3022007-05	3022007-05	Left Side Side Panel
4	3022012-08		3022012-08	3022012-08	Top Panel-Air Cooled
5	3022012-03		3022012-03	3022012-03	Top Panel-Remote and Water Cooled
6	9031046-01P		9031046-01P	9031046-01P	Rear Cover Screws
7	3013634-01		3013634-01	3013634-01	Rear Cover
8	3022007-06		3022007-06	3022007-06	Right Side Panel-Remote and Water Cooled
9	3022007-04		3022007-04	3022007-04	Right Side Panel-Air Cooled
10	3013674-01		3013674-01	3013674-01	Junction Box Cover
11	9031046-01P		9031046-01P	9031046-01P	Junction Box Screw
12	2021801-01		2021801-01	2021801-01	Left Front Corner Post
13	2021801-02		2021801-02	2021801-02	Right Front Corner post
14	3013637-02		3013637-02	3013637-02	Brace 30 Inch
15	3013636-01		3013636-01	3013636-01	Rear Brace
16	9051725-02		9051725-02	9051725-02	Base
17	2021800-01		2021800-01	2021800-01	Front Left Brace
18	2021800-02		2021800-02	2021800-02	Front Right Brace
19	2021798-01		2021798-01	2021798-01	Right Side Framework 30"Assembly
20	2021799-01		2021799-01	2021799-01	Left Side Framework 30"Assembly
21	9011369-02		9011369-02	9011369-02	Elevation Skid 30 Inch
22	9011378-01		9011378-01	9011378-01	Carton Liner 30 Inch
23	9051765-01		9051765-01	9051765-01	Shipping Bracket 2 Req. (Field Installed)



The Model Number of the machine has a designator for the Cube Size

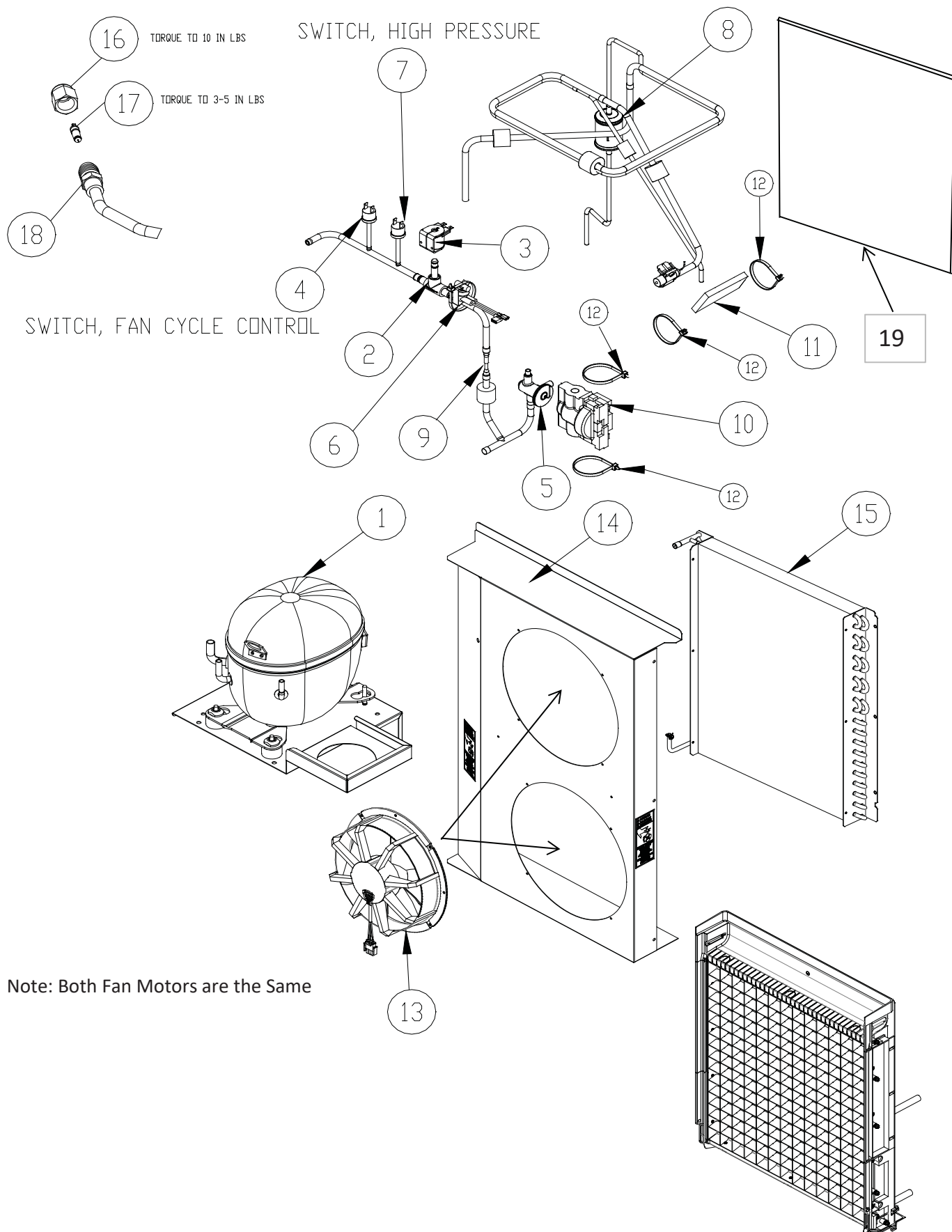
Example: **CIM0836F49** **F = Full Cube**

CIM0836HA49 **H = Half Cube**

CIM0836GA49 **G = GRANDE Cube**

CIM Service Parts
Water System

Item No.	60 HZ Model Number					Description
	CIM0836XX49	CIM0836GX49		CIM1136XX49	CIM1137XX49	
1	9051823-01S	9051823-01S		9051823-01S	9051823-01S	Lower Curtain Assembly
2	9051760-01	9051760-01		9051760-01	9051760-01	Evaporator Cover ("Splash Guard")
3	9021010-05	9021010-05		9021010-05	9021010-05	Hose Clamp, Plastic
4	9051766-01	9051766-01		9051766-01	9051766-01	Water Distribution Tube Assembly
5	9051749-05	9051749-05		9051749-05	9051749-05	Water Tube, Side
5A	9051780-01	9051780-01		9051780-01	9051780-01	Water Tube Upper
6	9091177-01	9091177-01		9091177-01	9091177-01	Coupler, Straight, 5/8 I.D. Tubing
7	9051748-01	9051748-01		9051748-01	9051748-01	Water Tube, Sump
8	9051737-01	9051737-01		9051737-01	9051737-01	Sump/Water Trough
9	2062336-03S	2062336-03S		2062336-03S	2062336-03S	Water Pump
10	9041105-05	9041105-05		9041105-05	9041105-05	Purge Valve
11	9051738-01	9051738-01		9051738-01	9051738-01	Top Cover
12	9041108-02	9041108-02		9041108-02	9041108-02	Water Inlet Valve
13	9091140-01	9091140-01		9091140-01	9091140-01	Drain Fitting
14	9021010-04	9021010-04		9021010-04	9021010-04	Hose Clamp, Plastic
15	1051224-01	1051224-01		1051224-01	1051224-01	Float Switch Assembly (Includes Instructions)
16	9051856-01	9051856-01		9051856-01	9051856-01	Purge Valve Tubing to Drain
17	9051541-01	9051541-01		9051541-01	9051541-01	Purge Valve Tube to Inlet Outlet Bracket
18	9051739-01	9051739-01				



Note: Both Fan Motors are the Same

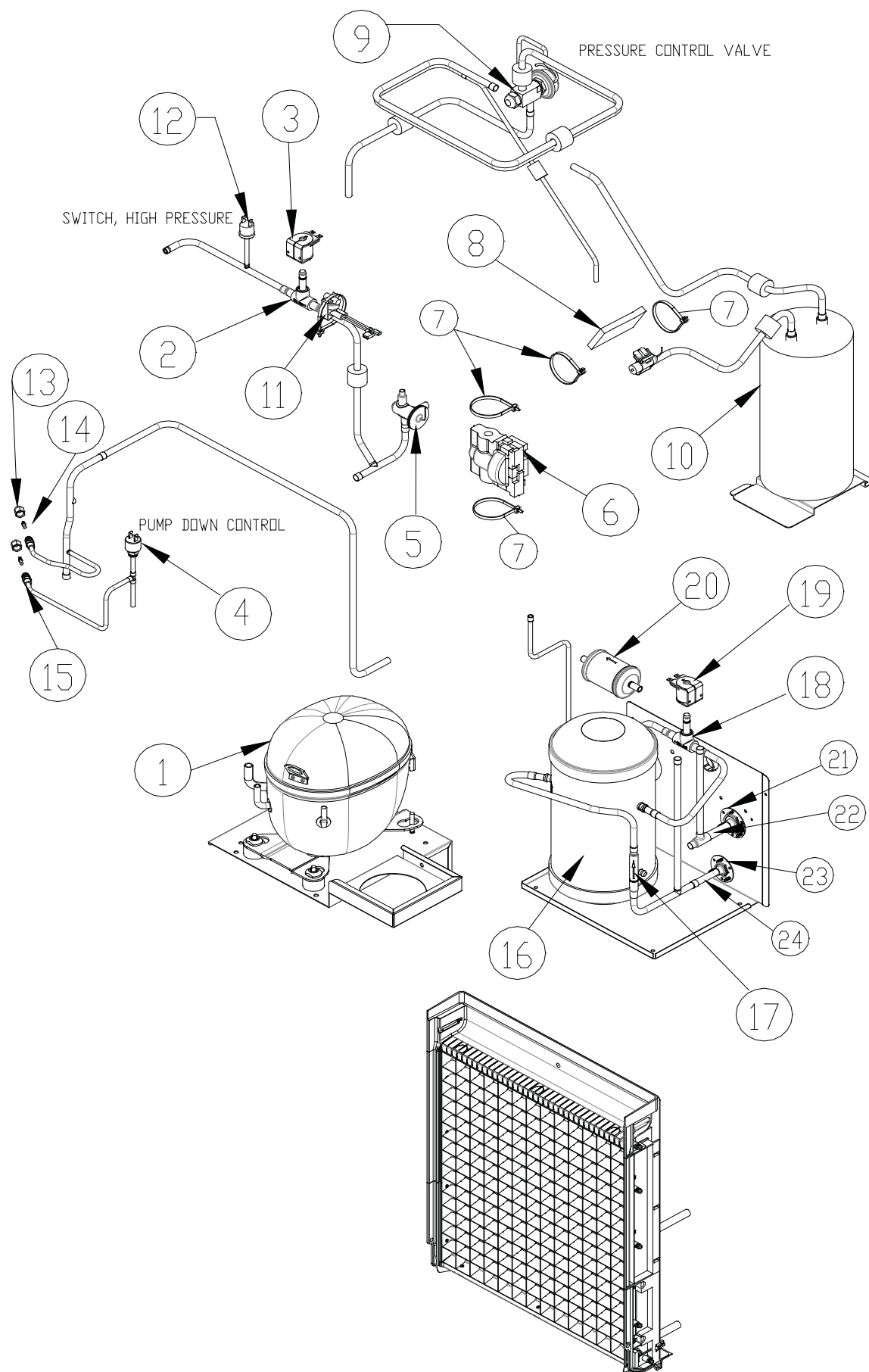
REFERENCE PAGE 4 AND 5 FOR EVAPORATOR

CIM Service Parts

Air Cooled

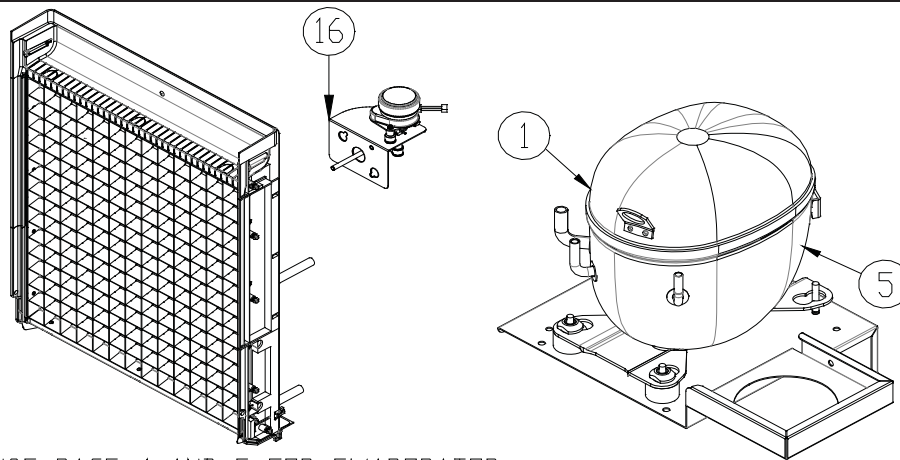
Note: G=Grande Cube in the Machine Model Number

Item No.	Model Number				Description
	CIM0836XA49	CIM0836GA49		CIM1136XA49 CIM1137xA49	
	60 HZ	60 HZ		60 HZ 60 HZ - 3 PH	
1	9181139-11	9181240-11		9181240-11 9181140-13	Compressor
2	9151192-101	9151198-101		9151198-101 9151198-101	Hot Gas Valve Body
3	9151193-02	9151193-02		9151193-02 9151193-02	Hot Gas Valve Coil (240 V)
4	9041106-01	9041106-01		9041106-01 9041106-01	Switch, Fan Cycle
5	9151204-101	9151152-101		9151204-101 9151152-101	TXV
6	9041098-02	9041098-02		9041098-02 9041098-02	High Temp Switch
7	9041111-01	9041111-01		9041111-01 9041111-01	Switch, High Pressure
8	9151163-03	9151163-03		9151163-03 9151163-03	Drier (Included in Compressor Kit)
9	Not Used	Not Used		Not Used Not Used	Restrictor
10	9021103-01	9021103-01		9021103-01 9131544-01	Strap TXV Bulb
11	9131143-02	9131143-02		9131143-02 9131143-02	Insulation, Bulb
12	9021021-01	9021021-01		9021021-01 9021021-01	Cable Tie-For TXV and Bulb Insulation
13	9161150-22	9161150-22		9161150-22 9161150-22	Fan Motor Assembly
14	3013697-02	3013697-02		3013697-02 3013697-02	Fan Shroud
15	9141153-01	9141153-01		9141153-01 9141153-01	Condenser
16	9091086-03	9091086-03		9091086-03 9091086-03	Service Valve Cap
17	9091086-02	9091086-02		9091086-02 9091086-02	Service Valve Core
18	9091086-01	9091086-01		9091086-01 9091086-01	Service Valve Stem
19	9131574-02	9131574-02	</		

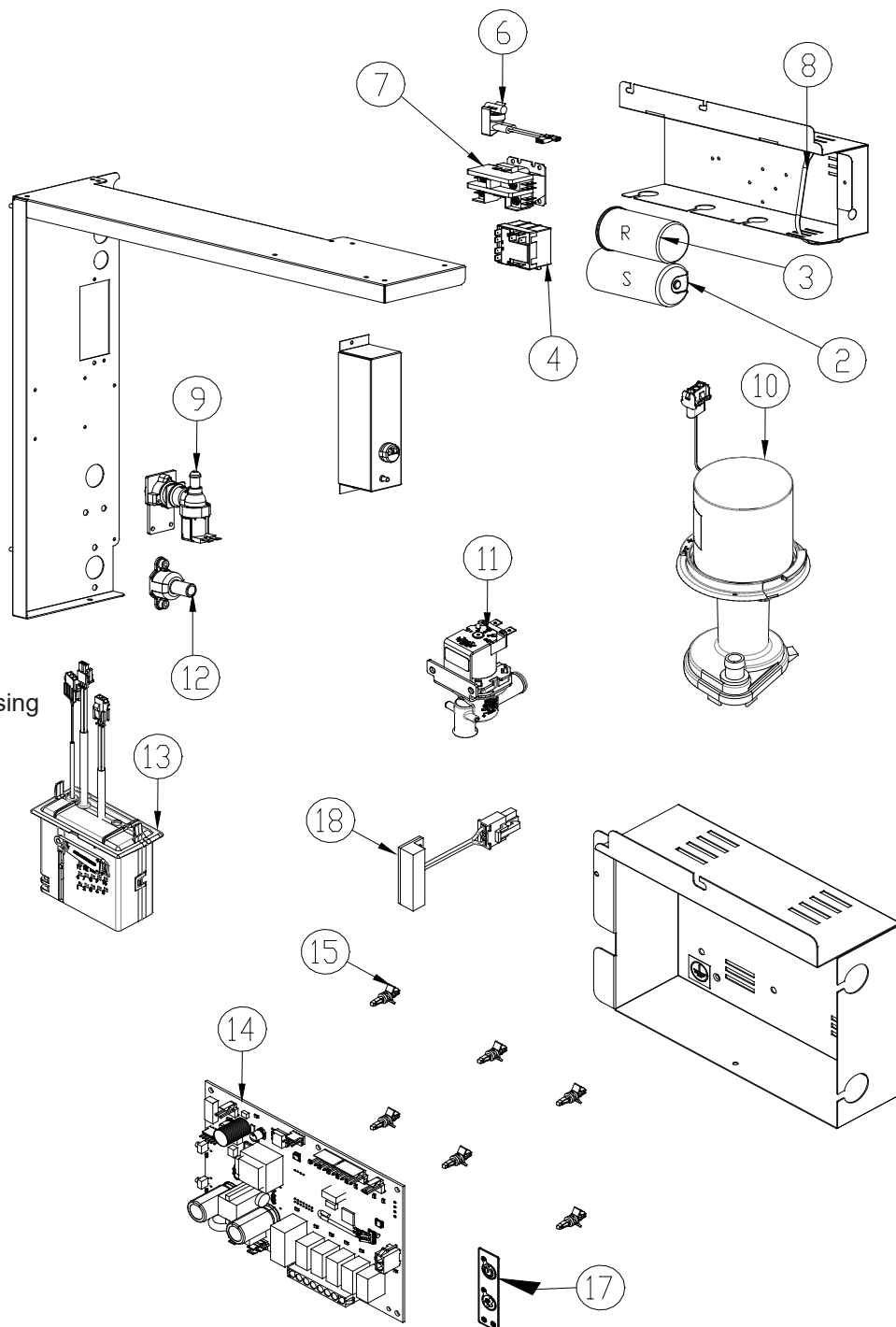


REFERENCE PAGE 4 AND 5 FOR EVAPORATOR

Item No.	Model Number					Description
	CIM0836XR49	CIM0835XR49	CIM1136XR49	CIM1135XR49		
	60 HZ	50 HZ	60 HZ	50 HZ		
1	9181139-11	9181140-12	9181240-11	9181141-12		Compressor
2	9151192-101	9151192-101	9151192-102	9151192-102	9151192-102	Hot Gas Valve Body
3	9151193-02	9151193-02	9151193-02	9151193-02	9151193-02	Hot Gas Valve Coil
4	9041092-02	9041092-02	9041092-02	9041092-02	9041092-02	Pump Down Control
5	9151212-101	9151152-101	9151212-101	9151152-101	9151152-101	TXV
6	9131143-02	9131143-02	9131143-02	9131143-02	9131143-02	Insulation Pad, TXV
7	9021021-01	9021021-01	9021021-01	9021021-01	9021021-01	Cable Tie-For TXV
8	9131143-02	9131143-02	9131143-02	9131143-02	9131143-02	Strap, TXV Bulb
9	NA	NA	NA	NA	NA	Pressure Control Valve
10	NA	NA	NA	NA	NA	Accumulator
11	9041098-02	9041098-02	9041098-02	9041098-02	9041098-02	High Temp Switch
12	9041111-01	9041111-01	9041111-01	9041111-01	9041111-01	Switch, High Pressure
13	9091086-03	9091086-03	9091086-03	9091086-03	9091086-03	Service Valve Cap
14	9091086-02	9091086-02	9091086-02	9091086-02	9091086-02	Service Valve Core
15	9091086-01	9091086-01	9091086-01	9091086-01	9091086-01	Service Valve Stem
16	9151060-01					



REFERENCE PAGE 4 AND 5 FOR EVAPORATOR



Thermistor in Float Housing
9041112-01

Item No.	Model Number					Description
	CIM0836XX49	CIM0836GA49	CIM1136W		CIM1137W	
1						
2						
3						
4						
5						
6	9041098-02	9041098-02	9041098-02		9041098-02	Switch, High Temp
7	9101002-06	9101002-06	9101002-06		9101002-06	Contactor
8	9021096-01	9021096-01	9021096-01		9021096-01	Cable Tie, Metal
9	9041108-02	9041108-02	9041108-02		9041108-02	Valve, Water Inlet
10	2062336-03S	2062336-03S	2062336-03S		2062336-03S	Water Pump
11	9041105-05	9041105-05	9041105-05		9041105-05	Purge Valve
12	9091140-01	9091140-01	9091140-01		9091140-01	Purge Drain
13	1051224-01	1051224-01	1051224-01		1051224-01	Float Switch Assembly (Includes Instructions)
	9041112-01	9041112-01	9041112-01		9041112-01	Thermister
14	9101414-01	9101414-01	9101414-01		9101414-01	Board Dual Voltage
15	9051698-01P	9051698-01P	9051698-01P		9051698-01P	Plastic Standoff, Control Board (Pkg of 10)
16	9161134-02	9161134-02	9161134-02		9161134-02	Harvest Assist
17	9101394-01	9101394-01	9101394-01		9101394-01	Membrane Switch
18	9101379-01	9101379-01	9101379-01		9101379-01	Switch, Magnetic Reed (Bin Control On Evap)
	208-230/60/1	208-230/60/1	208-230/60/1		208-230/60/1	← Machine Voltage

Item No.	Model Number 220-240/50/1					← Machine Voltage

