

## MC0322X, MC0522X and MC0722X Service Parts

This part list contains the service parts for the air cooled, water cooled MC0322X and MC0522X plus the air cooled MC0722X ice machines.

The differences include voltages, condensing types and cube sizes.

To avoid costly and time consuming errors, double check the model and voltage before ordering a part.

Note: These abbreviations are used in this list:

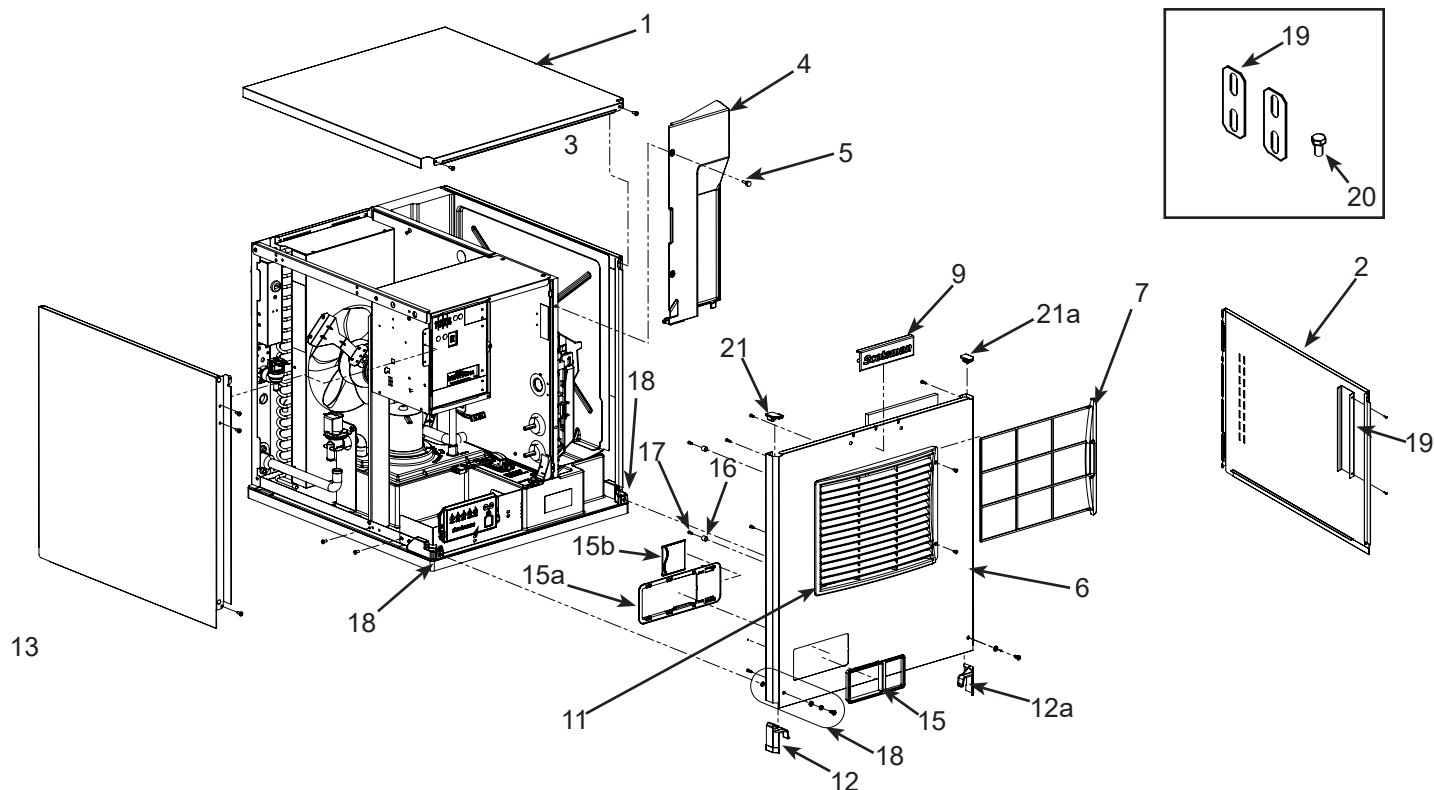
- AC = Air Cooled
- WC = Water Cooled
- RC = Remote Cooled
- HGV = Hot Gas Valve
- TXV = Thermostatic Expansion Valve
- Volt = Voltage
- Sol Vlv = Solenoid Valve
- Hdwe = Hardware

# Contents

|                                                        |         |
|--------------------------------------------------------|---------|
| Cabinet MC0322X and MC0522X .. . . . .                 | Page 2  |
| Cabinet MC0722X . . . . .                              | Page 3  |
| Interior Parts. . . . .                                | Page 4  |
| Evaporator Compartment - MC0322X or MC0522X .. . . . . | Page 5  |
| Air or Water Cooled Refrigeration .. . . . .           | Page 6  |
| Fan and Condenser Area - MC0322X .. . . . .            | Page 7  |
| Fan and Condenser Area - MC0522X, MC0722X . . . . .    | Page 8  |
| Electrical and Control Box. . . . .                    | Page 9  |
| Compressors and Compressor Electrical . . . . .        | Page 10 |
| Wiring Diagram MC0322X. . . . .                        | Page 11 |
| Schematic Diagram MC0322X. . . . .                     | Page 12 |
| Wiring Diagram MC0522X. . . . .                        | Page 13 |
| Schematic Diagram MC0522X. . . . .                     | Page 14 |

# MC0322X, MC0522X and MC0722X Service Parts

## Cabinet MC0322X and MC0522X



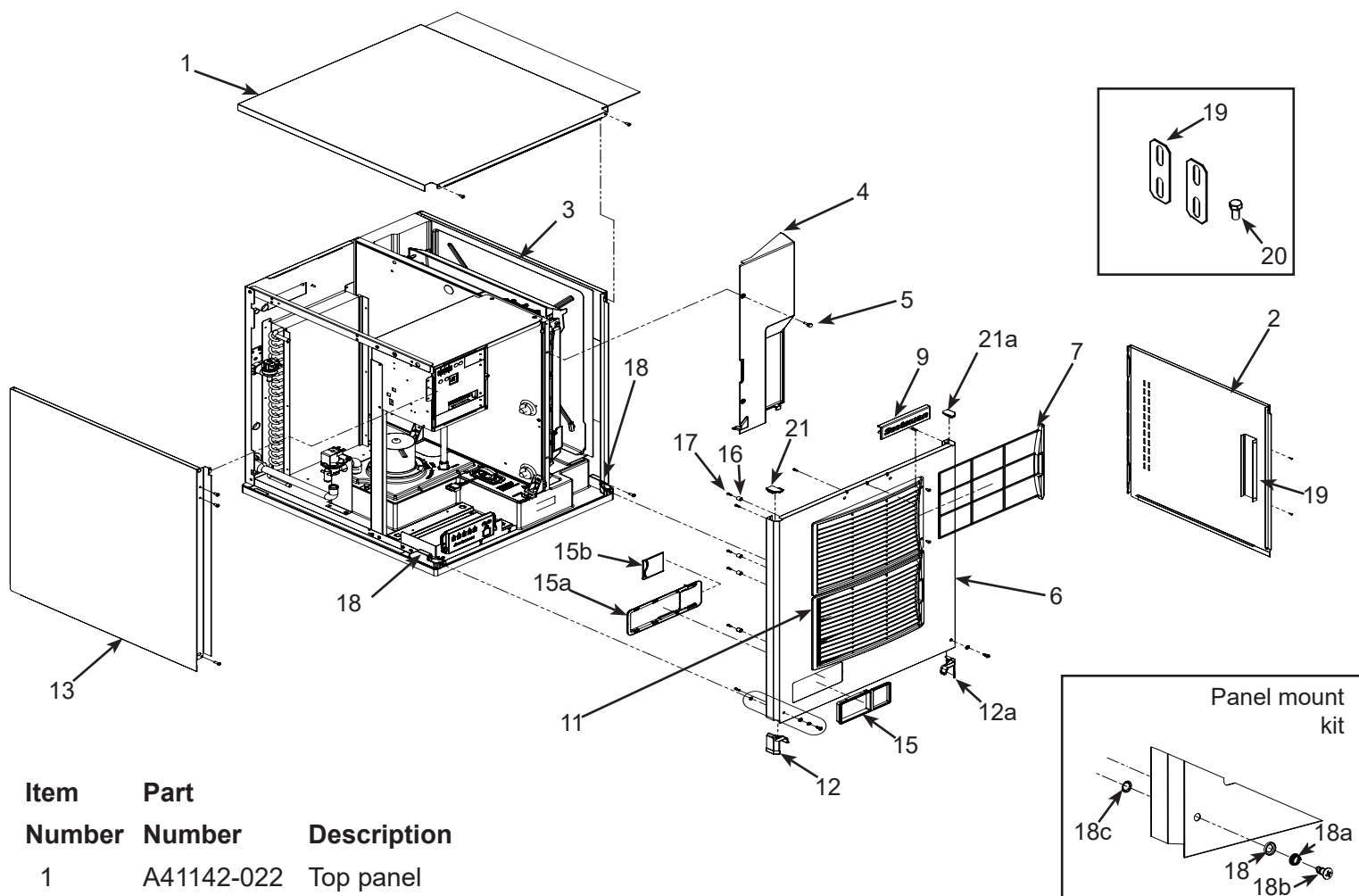
| Item Number | Part Number | Description              |
|-------------|-------------|--------------------------|
| 1           | A41142-022  | Top panel                |
| 2           | A41144-021  | Right side panel         |
| 3           | 02-4336-01  | Right side liner         |
| 3a          | A40511-001  | Liner bracket            |
| 4           | 02-4240-01  | Evaporator cover**       |
| 5           | 03-0727-05  | Thumbscrew               |
| 6           | A41141-025  | Front panel, AC*         |
|             | A41141-026  | Front panel, WC*         |
| 7           | 02-4212-03  | Air filter               |
| 8           | 03-1419-26  | Screw                    |
| 9           | 02-5154-01  | Emblem                   |
| 10          |             |                          |
| 11          | 02-4224-03  | Louvers                  |
| 11A         | 03-1419-26  | Screw                    |
| 12          | 02-5141-01  | Bottom left corner       |
| 12a         | 02-5141-02  | Bottom right corner      |
| 13          | A41143-021  | Left side panel, air     |
|             | A41143-022  | Left side panel, water   |
| 14          | 03-1404-10  | Screw                    |
| 15          | 02-5142-01  | Bezel with standard door |
| 15a         | 02-5143-01  | Door, bezel              |
| 15b         | 02-5143-02  | Door, bezel secure       |
| 16          | 02-4824-01  | Spacer                   |
| 17          | 03-1731-02  | Screw                    |
| 18          | 02-5151-21  | Panel mount kit left     |
| 18a         | 02-5151-22  | Panel mount kit right    |
| 19          | A30911-015  | Machine straps           |
| 20          | 03-1405-15  | Screw                    |
| 21          | 02-5140-01  | Top left corner          |
| 21a         | 02-5140-02  | Top right corner         |

\* Front panels are complete, including air filters and all trim, bezels, labels and screws.

\*\*Order 2 feet of foam gasket with evaporator cover.  
Part 13-0943-07.

# MC0322X, MC0522X and MC0722X Service Parts

## Cabinet MC0722X



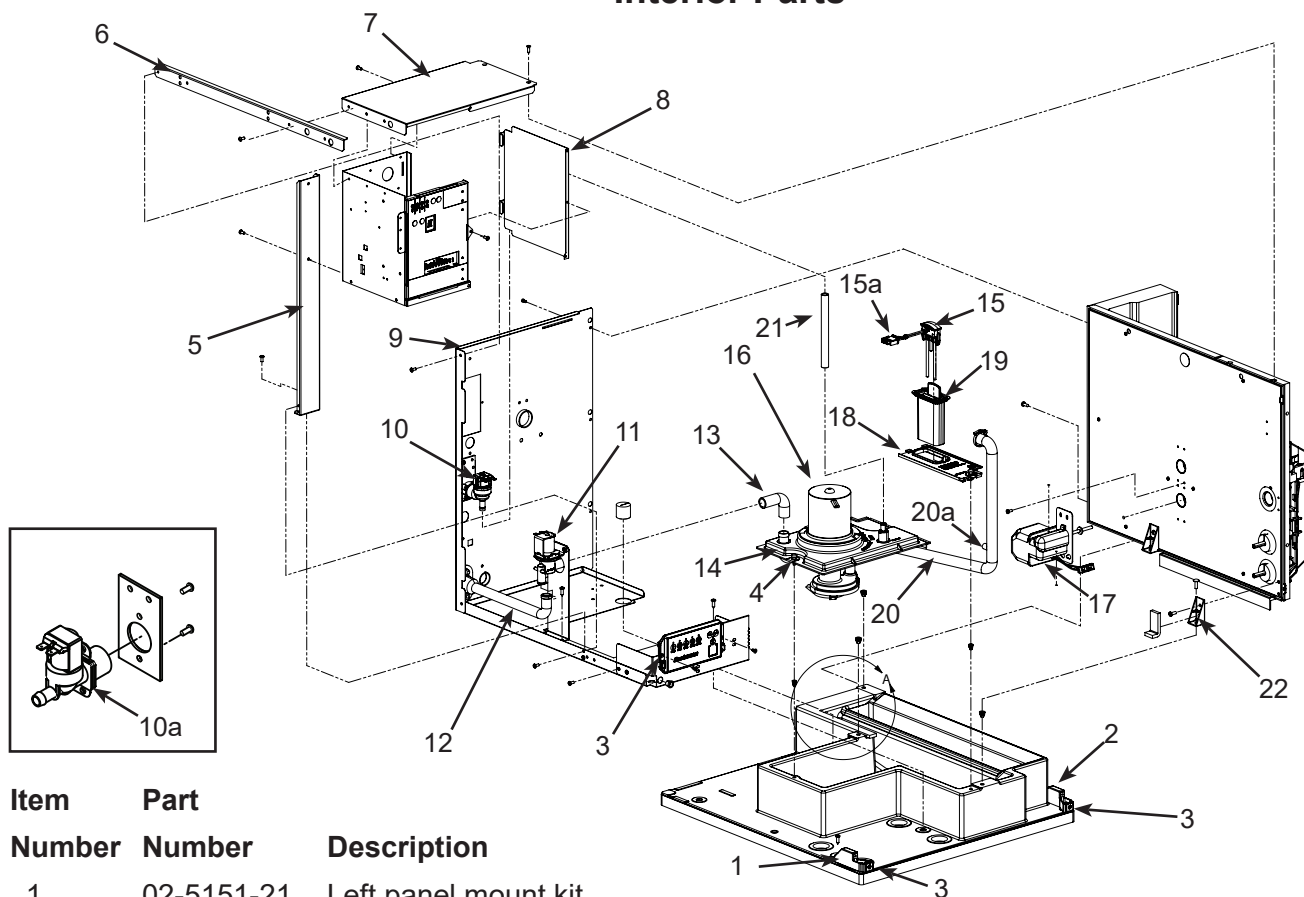
| Item Number | Part Number | Description          | Item Number | Part Number | Description              |
|-------------|-------------|----------------------|-------------|-------------|--------------------------|
| 1           | A41142-022  | Top panel            | 14          | 03-1404-10  | Screw                    |
| 2           | A41144-022  | Right side panel     | 15          | 02-5142-01  | Bezel with standard door |
| 3           | 02-4336-01  | Right side liner     | 15a         | 02-5143-01  | Door, bezel              |
| 3a          | A40511-001  | Liner bracket        | 15b         | 02-5143-02  | Door, bezel secure       |
| 4           | 02-4240-01  | Evaporator cover**   | 16          | 02-4824-01  | Spacer                   |
| 5           | 03-0727-05  | Thumbscrew           | 17          | 03-1731-02  | Screw                    |
| 6           | A41141-027  | Front panel, AC*     | 18          | 02-5151-21  | Panel mount kit left     |
| 7           | 02-4212-03  | Air filter           | 18a         | 02-5151-22  | Panel mount kit right    |
| 8           | 03-1419-26  | Screw                | 19          | A30911-015  | Machine straps           |
| 9           | 02-5154-01  | Emblem               | 20          | 03-1405-15  | Screw                    |
| 10          |             |                      | 21          | 02-5140-01  | Top left corner          |
| 11          | 02-4224-03  | Louvers              | 21a         | 02-5140-02  | Top right corner         |
| 11A         | 03-1419-26  | Screw                |             |             |                          |
| 12          | 02-5141-01  | Bottom left corner   |             |             |                          |
| 12a         | 02-5142-02  | Bottom right corner  |             |             |                          |
| 13          | A41143-026  | Left side panel, air |             |             |                          |

\* Front panels are complete, including air filters and all trim, bezels, labels and screws.

\*\*Order 2 feet of foam gasket with evaporator cover. Part 13-0943-07.

# MC0322X, MC0522X and MC0722X Service Parts

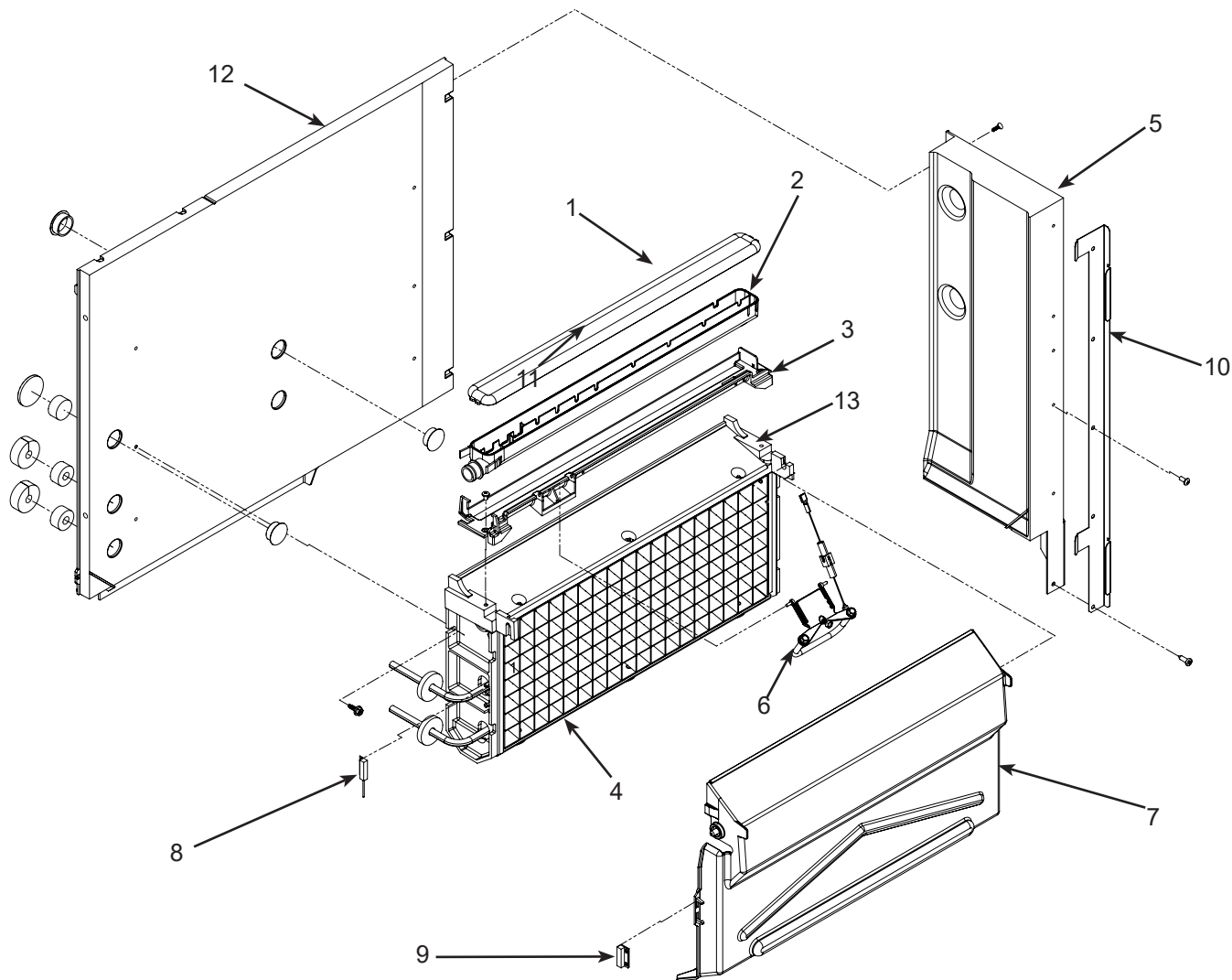
## Interior Parts



| Item Number | Part Number | Description                   |
|-------------|-------------|-------------------------------|
| 1           | 02-5151-21  | Left panel mount kit          |
| 2           | 02-5151-22  | Right panel mount kit         |
| 3           | 11-0642-21  | Lower switch panel w/ harness |
| 4           | 03-0727-05  | Thumbscrew                    |
| 5           | A38607-001  | Strut, MC0322X, MC0522X       |
| 5a          | A40059-001  | MC0722X                       |
| 6           | A40282-001  | Brace                         |
| 7           | A40283-002  | Control box top               |
| 8           | A38537-001  | Control box side              |
| 9           | no number   | Back panel                    |
| 10          | 12-3124-01  | Inlet water sol vlv, 115 volt |
|             | 12-3124-02  | Inlet water sol vlv, 230 volt |
|             | 12-2912-01  | Water valve rebuild kit       |
| 11          | 11-0564-01  | Purge valve, 115 volt         |
|             | 11-0564-02  | Purge valve, 230 volt         |
| 12          | A38861-002  | Drain tube                    |
| 13          | A38861-001  | Drain hose                    |
| 14          | 02-4164-01  | Water pump bracket            |
| 15          | A41192-021  | Water level sensor            |
| 15a         | 12-3185-02  | WLS Harness                   |
| 16          | 12-2919-21  | Water pump, 115 volt          |
|             | 12-2919-22  | Water pump, 208-230 volt      |
| 17          | 12-3060-21  | Harvest assist, 115 volt      |
|             | 12-3060-22  | Harvest assist, 230 volt      |
| 18          | 02-4648-01  | Reservoir cover               |
| 19          | 02-4646-01  | Sensor guard                  |
| 20          | 02-4154-02  | Pump hose, MC0522X            |
|             | 02-4154-01  | Pump hose, MC0322X            |
|             | 02-4154-03  | Pump hose, MC0722X            |
| 20a         | 11-0515-21  | Temp sensor set               |
| 21          | 13-0674-02  | Fill hose - order per foot    |
|             | 15-0821-01  | Fill hose, -6 CE models       |
| 22          | 02-4152-01  | Gusset                        |

# MC0322X, MC0522X and MC0722X Service Parts

## Evaporator Compartment - MC0322X or MC0522X



| Item Number | Part Number | Description             |
|-------------|-------------|-------------------------|
| 1           | 02-4065-01  | Water distributor cover |
| 2           | 02-4064-01  | Water distributor       |
| 3           | 02-4205-01  | Mounting bracket        |
| 4           | see table   | Evaporator              |

|         | small cube | medium cube |
|---------|------------|-------------|
| MC0322X | A38626-021 | A38626-022  |
| MC0522X | A38627-021 | A38627-022  |
| MC0722X | A38628-021 | A38628-022  |

5 A38596-001 Back wall, MC0322X, MC0522X

A38598-001 Back wall, MC0722X

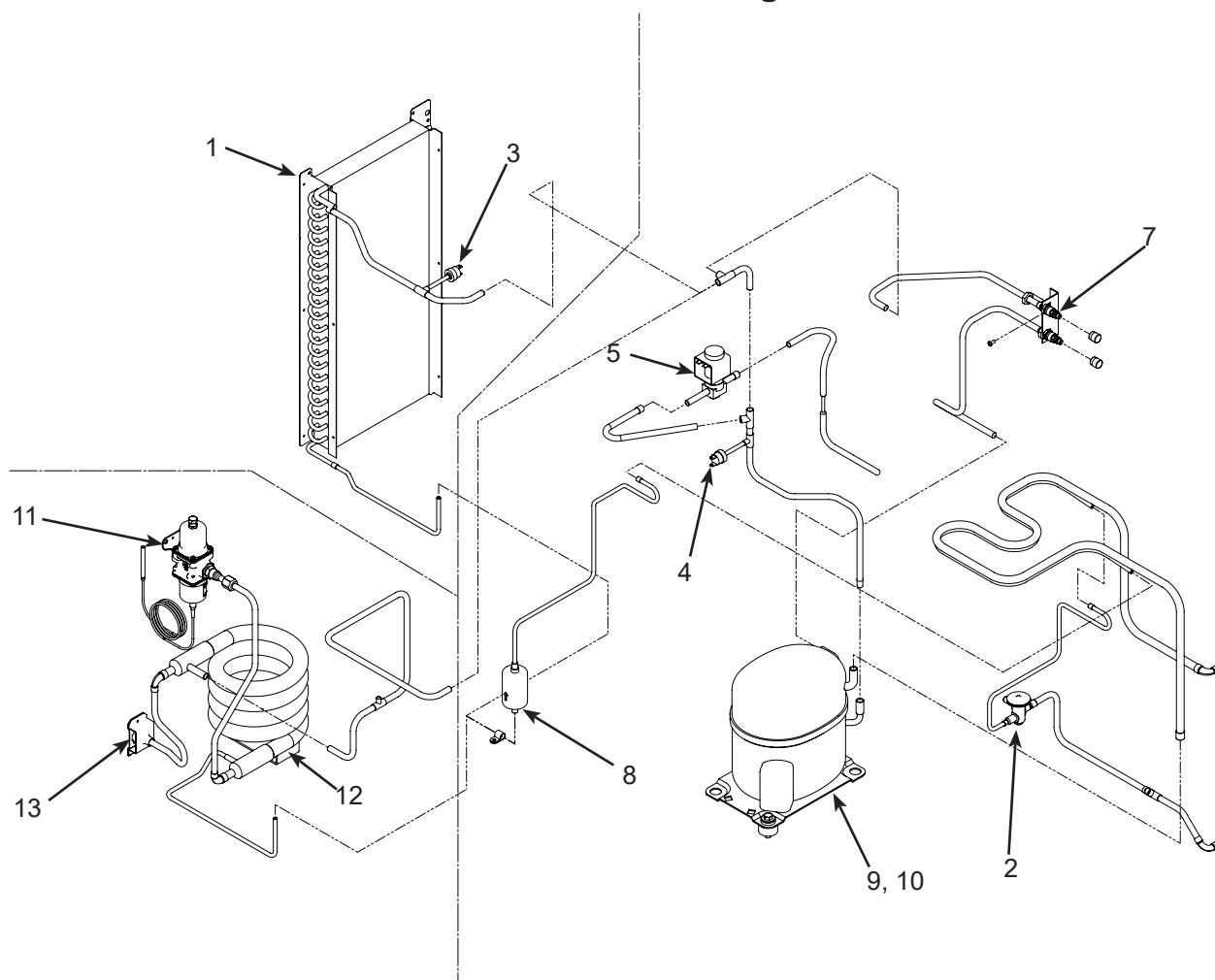
6 A41191-021 Ice thickness sensor

| Item Number | Part Number | Description                          |
|-------------|-------------|--------------------------------------|
| 7           | 02-4100-31  | Curtain, MC0322X                     |
|             | 02-4100-32  | Curtain, MC0522X                     |
|             | 02-4611-21  | Curtain, MC0722X                     |
| 8           | 11-0563-01  | Curtain switch                       |
| 9           | 11-0563-02  | Curtain switch magnet                |
| 10          | A39560-001  | Side panel support, MC0322X, MC0522X |
|             | A39584-001  | Side panel support MC0722X           |
| 11          | 03-1418-30  | Mounting screw                       |
| 12          | 13-0943-01  | Gasket tape, order by foot           |
| 13          | 02-4156-21  | Spillway replacement kit             |

Note: Item 7 includes item 9, shipped loose

# MC0322X, MC0522X and MC0722X Service Parts

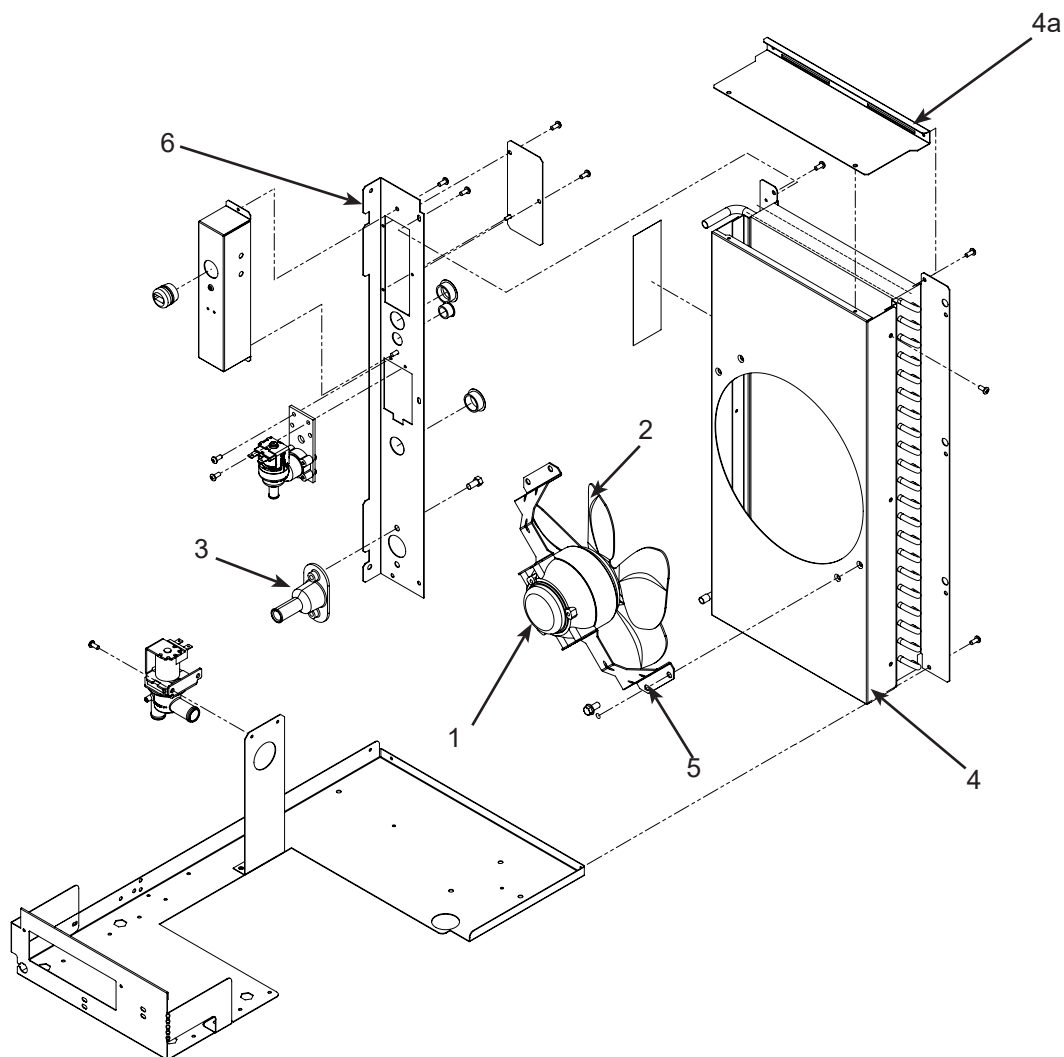
## Air or Water Cooled Refrigeration



| Item Number | Part Number | Description                    | Item Number | Part Number | Description             |
|-------------|-------------|--------------------------------|-------------|-------------|-------------------------|
| 1           | 18-8890-01  | Condenser, AC                  | 7           | 16-1137-01  | Valve body              |
| 2           | 16-1261-21  | TXV, MC0322X                   |             | 16-1138-01  | MC0722X Valve body      |
|             | 16-1261-22  | TXV, MC0522X                   | 7a          | 16-1139-01  | Core                    |
|             | 16-1260-21  | TXV, MC0722X                   | 7b          | 16-1140-01  | Cap                     |
|             | 19-0599-06  | Insulation for TXV             | 8           | 02-3319-01  | Dryer                   |
| 3           | 11-0566-24  | Fan cycle pressure sw.         | 9           | see page 10 | Compressors             |
| 4           | 11-0501-06  | Hi pressure cut out (AC)       | 10          | see page 10 | Compressor mounting hdw |
|             | 11-0501-01  | Hi pressure cut out (WC)       | 11          | 11-0608-25  | Water regulating valve  |
| 5           | 11-0493-02  | Hot gas valve w/coil, 115 volt | 12          | 18-9015-21  | Condenser               |
|             | 12-2719-21  | 115 volt coil only             | 13          | A31828-002  | Condenser drain         |
|             | 11-0493-01  | Hot gas valve w/coil, 230 volt |             |             |                         |
|             | 12-2719-22  | 230 volt coil only             |             |             |                         |
|             | 12-2733-30  | HGV rebuild kit                |             |             |                         |

# MC0322X, MC0522X and MC0722X Service Parts

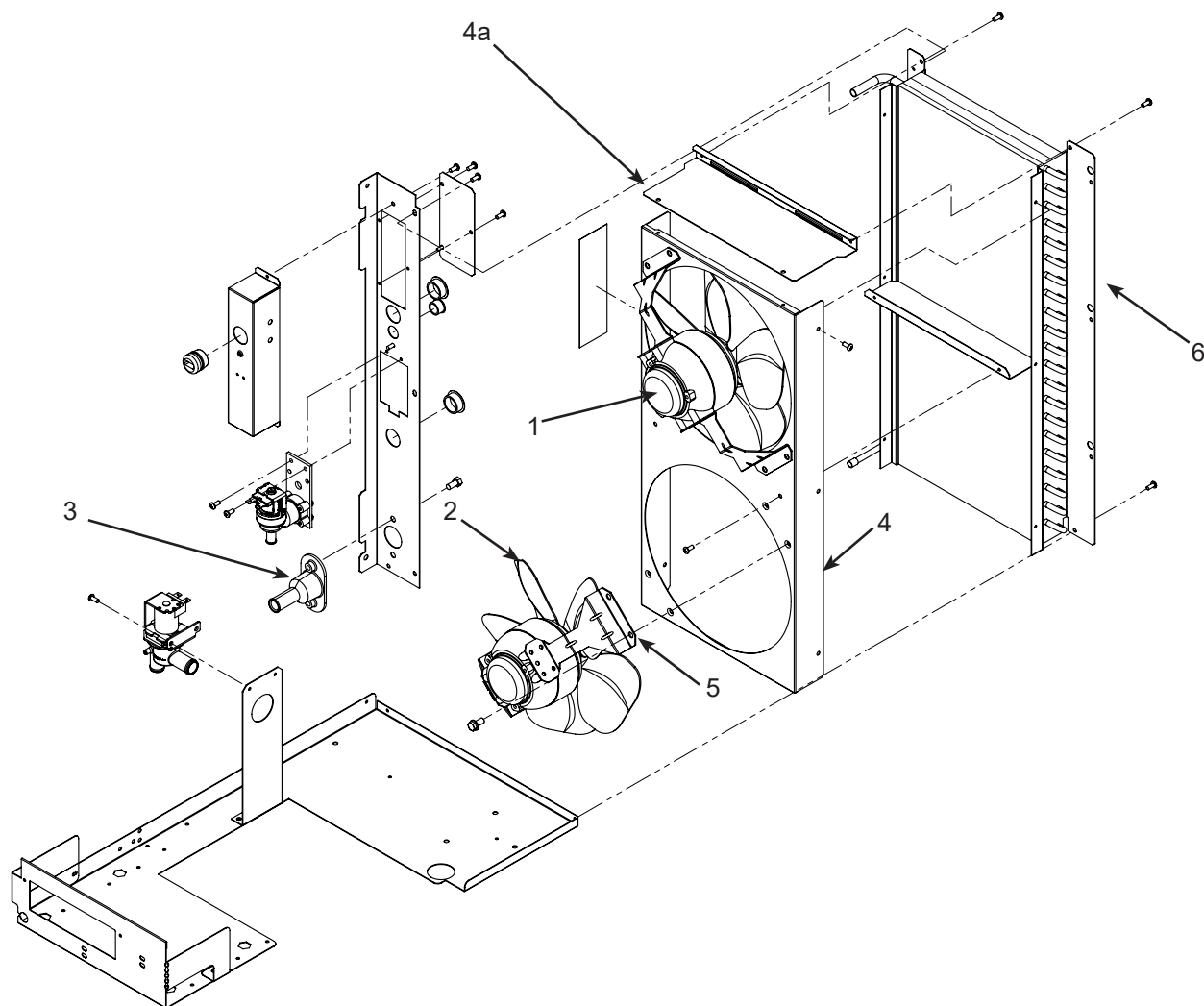
## Fan and Condenser Area - MC0322X



| Item Number | Part Number | Description                        |
|-------------|-------------|------------------------------------|
| 1           | 12-3230-23  | Fan motor, MC0322X, 115 volt       |
|             | 12-3230-02  | Fan motor, MC0322X, 230 volt       |
| 2           | 18-8836-01  | Fan blade, MC0322X                 |
| 3           | 02-3692-21  | Drain adapter - also for WC and RC |
| 4           | A39350-001  | Fan shroud, MC0322X                |
| 4a          | A39593-001  | Fan shroud top                     |
| 5           | A38480-001  | Fan motor bracket, MC0322X         |
| 6           | A39585-001  | Utility bracket                    |

# MC0322X, MC0522X and MC0722X Service Parts

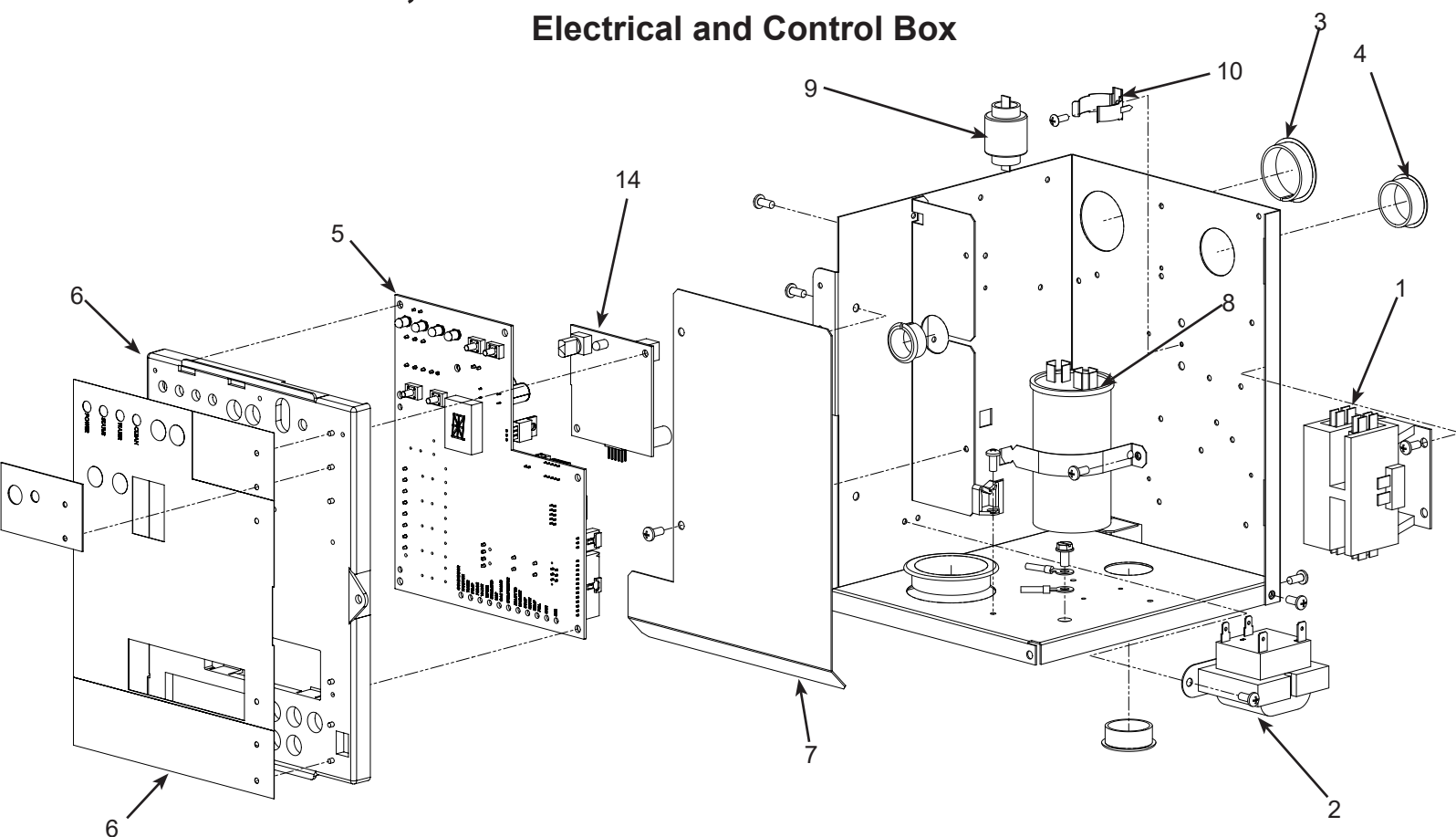
## Fan and Condenser Area - MC0522X, MC0722X



| Item Number | Part Number | Description                          |
|-------------|-------------|--------------------------------------|
| 1           | 12-3230-23  | Fan motor, MC0522X 115 v             |
|             | 12-3230-02  | Fan motor, MC0522X, MC0722X 230 volt |
| 2           | 18-8836-01  | Fan blade, MC0522X, MC0722X          |
| 3           | 02-3692-21  | Drain adapter - also for WC and RC   |
| 4           | A39351-001  | Fan shroud - MC0522X, MC0722X        |
| 4a          | A39593-001  | Fan shroud top, MC0522X, MC0722X     |
| 5           | A38480-001  | Fan motor bracket, MC0522X, MC0722X  |
| 6           | A39585-001  | Back panel - MC0522X, MC0722X        |

# MC0322X, MC0522X and MC0722X Service Parts

## Electrical and Control Box



| Item Number | Part Number   | Description               |                                            |
|-------------|---------------|---------------------------|--------------------------------------------|
| 1           | 12-3220-01    | Contactor, 115 volt       | 9 see next page PTCR -                     |
|             | 12-3220-02    | Contactor, 230, single ph | 10 18-8835-02 Bracket                      |
| 2           | 12-2924-01    | Transformer, 115 volt     | Wiring Harnesses (not illustrated)         |
|             | 12-2924-02    | Transformer, 230 volt     | 11 12-2931-01 Power harness, A & W         |
| 3           | 12-1213-11    | Snap bushing              | Power harness connects to J1 on controller |
| 4           | 12-1213-15    | Snap bushing              | 12 12-3228-01 Hi voltage harness, A & W    |
| 5           | 11-0662-21    | Controller for MC cubers  | Hi voltage harness has the 8 pin connector |
| 6           | 02-5168-01    | Control box door          | 13 12-3185-02 WLS harness                  |
|             | 02-5166-01    | Overlay label             | 14 KVS Vari-smart ice level control        |
| 7           | A39216-001    | Barrier                   | 15 KSBU-N                                  |
| 8           | see next page | Run capacitor             |                                            |

# MC0322X, MC0522X and MC0722X Service Parts

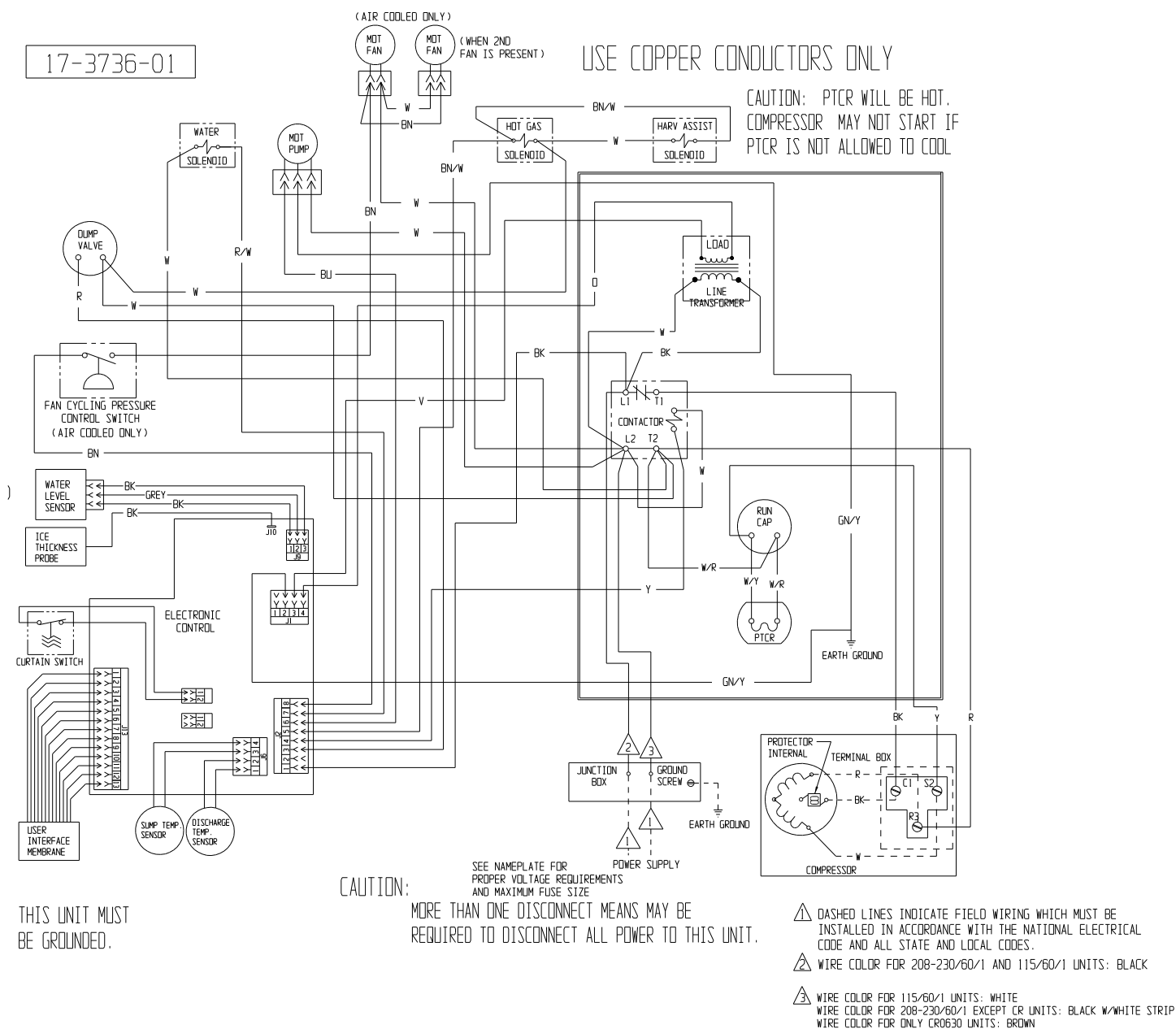
## Compressors and Compressor Electrical

| Model      | Series | Electrical   | Compressor | Overload   | Run Ca-<br>pacitor | PTCR       |
|------------|--------|--------------|------------|------------|--------------------|------------|
| MC0322X-1  |        | 115/60/1     | 18-9010-21 | 18-8897-23 | 18-1902-69         | 18-8835-01 |
| MC0322X-32 |        | 208-230/60/1 | 18-9018-22 | 18-8897-27 | 18-1902-68         | 18-8835-01 |
| MC0522X-1  |        | 115/60/1     | 18-9010-21 | 18-8897-23 | 18-1902-69         | 18-8835-01 |
| MC0522X-32 |        | 208-230/60/1 | 18-9018-22 | 18-8897-27 | 18-1902-68         | 18-8835-01 |
| MC0722X-32 |        | 208-230/60/1 | 18-9007-22 | Internal   | 18-1902-74         | 18-8835-01 |

| Model            | Series | Bolt       | Washer     | Grommet    | Sleeve     |
|------------------|--------|------------|------------|------------|------------|
| MC0322X, MC0522X |        | 03-1405-20 | 03-1407-07 | 18-4700-28 | 18-0108-41 |
| MC0722X          |        | 03-1405-20 | 03-1407-07 | 18-2200-28 | 18-2200-27 |

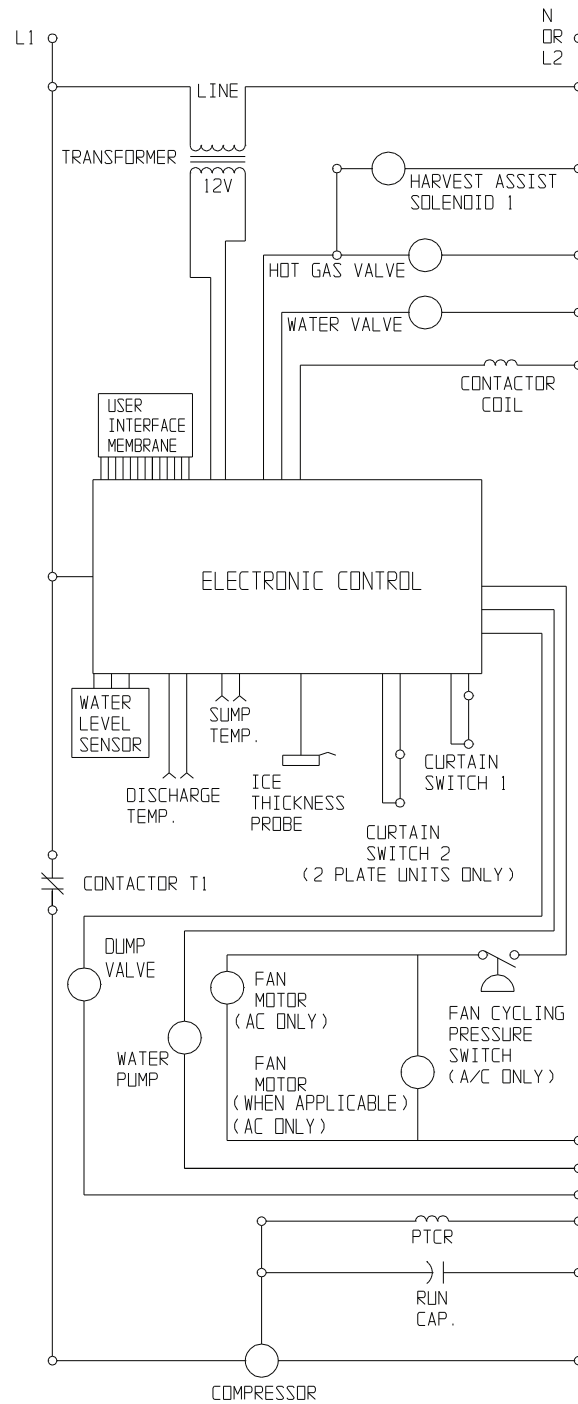
# MC0322X, MC0522X and MC0722X Service Parts

## Wiring Diagram MC0322X



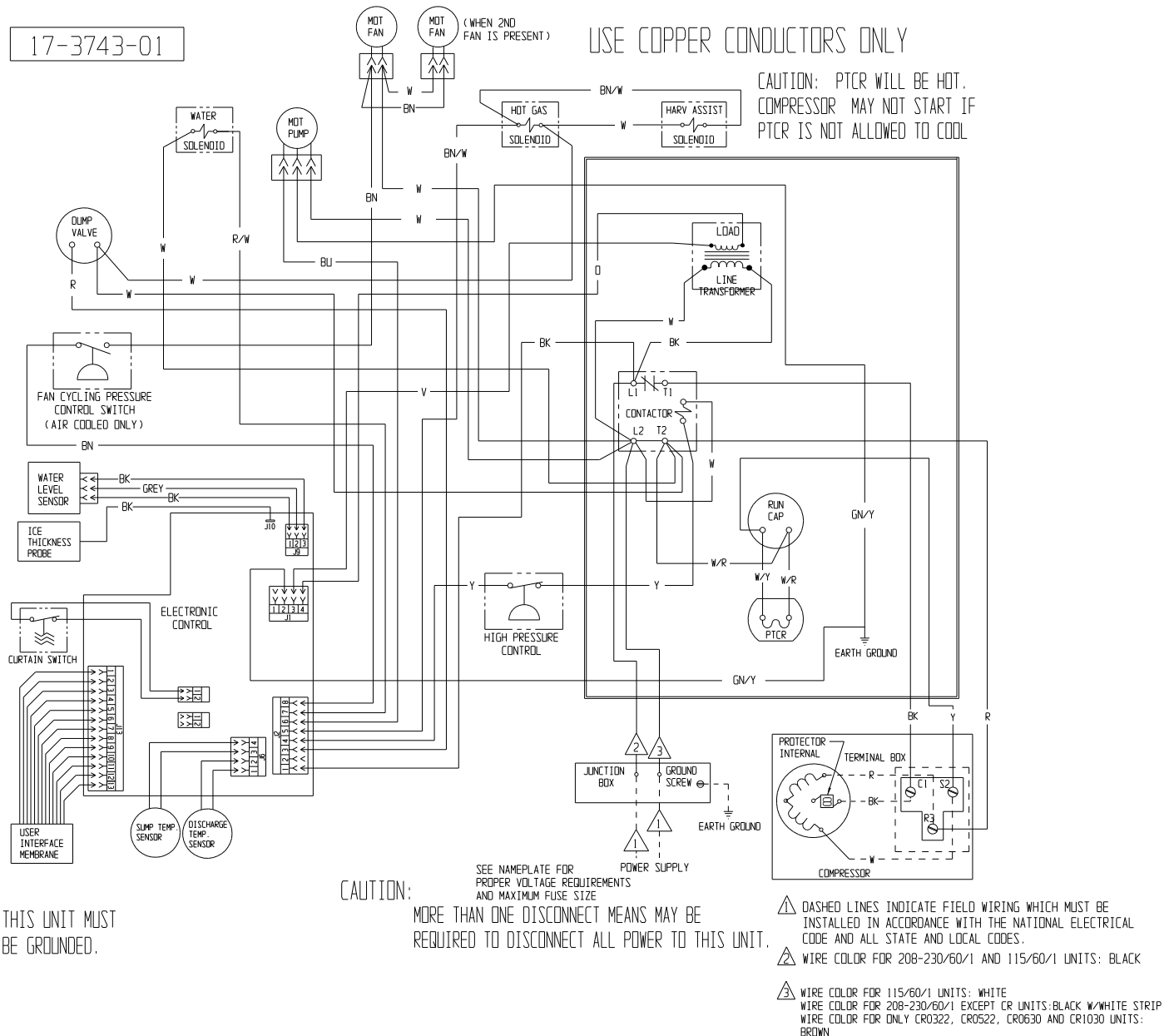
# MC0322X, MC0522X and MC0722X Service Parts

## Schematic Diagram MC0322X



# MC0322X, MC0522X and MC0722X Service Parts

## Wiring Diagram MC0522X



# MC0322X, MC0522X and MC0722X Service Parts

## Schematic Diagram MC0522X

