



# ***Manitowoc***

## **Foodservice**

## **Parts Manual**

For more Parts Information:

<https://manitowocfsg.sysonline.com/Default.aspx>

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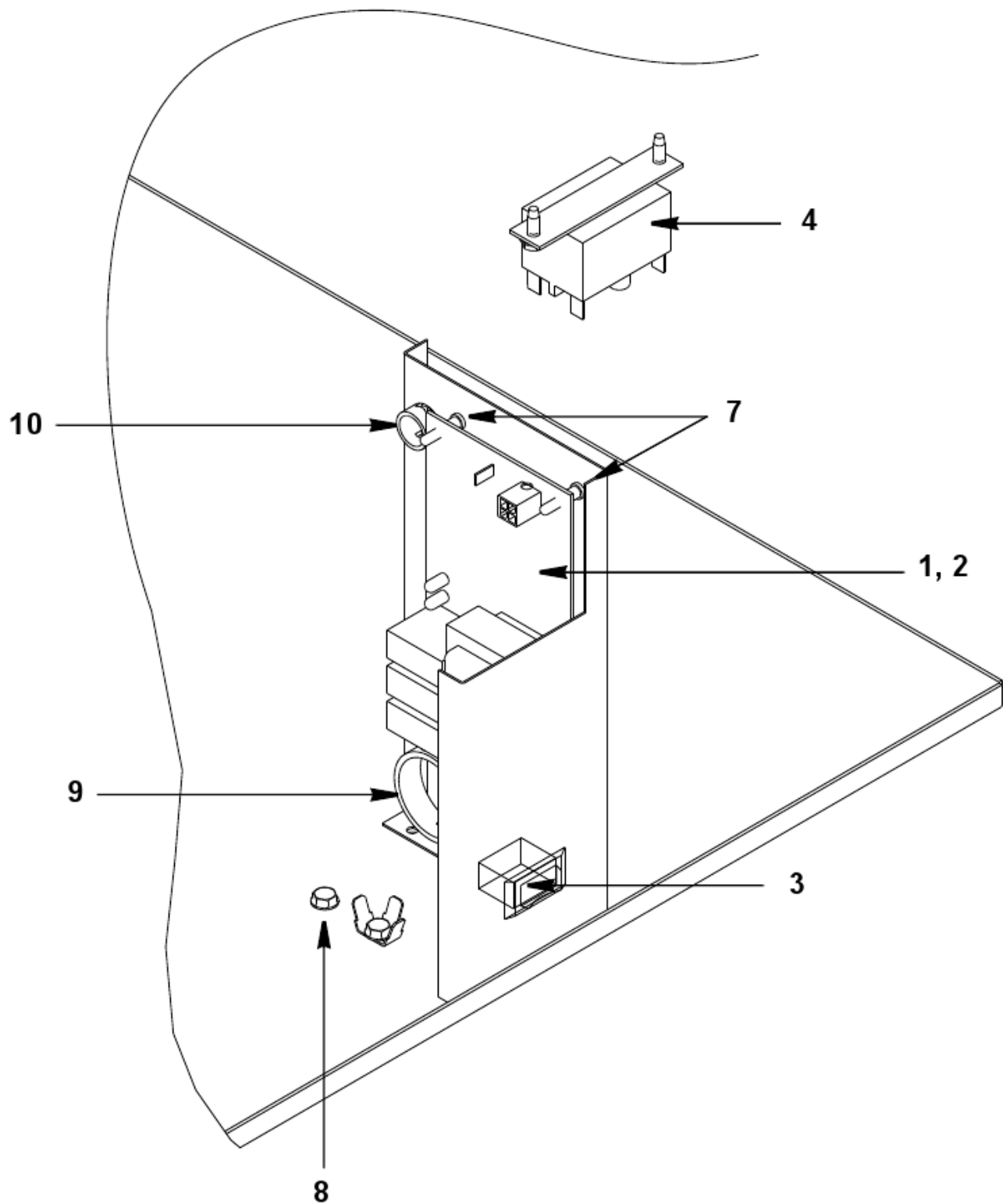
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# QM045

## QM45 - CONTROL BOX COMPONENTS

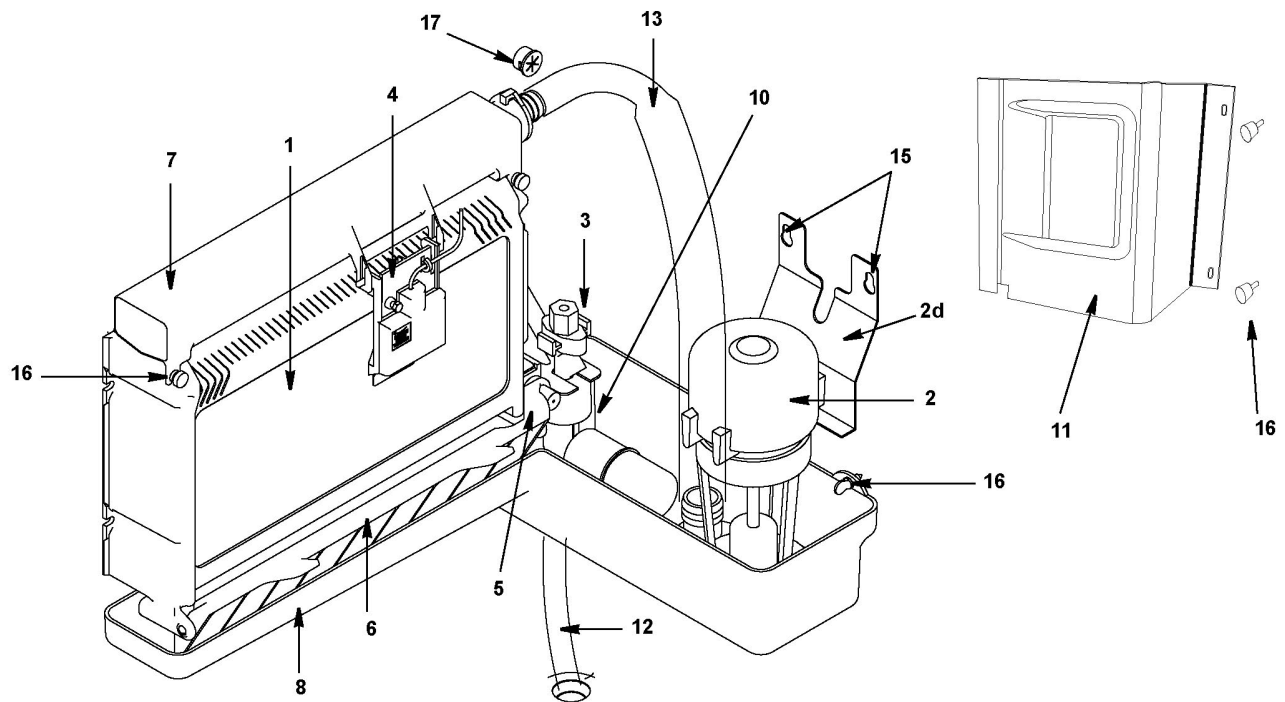


# QM045

## QM45 - CONTROL BOX COMPONENTS

| #  | PART #    | DESCRIPTION                     | QTY | Note |
|----|-----------|---------------------------------|-----|------|
| 1  | 7629073   | Control Board                   |     |      |
| 2  | 2511493   | 10 Amp Fuse                     |     |      |
| 3  | 2301513   | Toggle Switch                   |     |      |
| 3a | 2032483   | Wiring Harness - Toggle Switch  |     |      |
| 4  |           | Relay                           |     |      |
| 4a | 8505533   | Relay - 115V/60 Hz/1 Ph         |     |      |
| 4b | 8505543   | Relay - 230V/50-60 Hz/1 Ph      |     |      |
| 5  |           | Wiring Harness                  |     |      |
| 5a | 2008303   | Wiring Harness - Air-cooled     |     |      |
| 6  |           | Power Cord                      |     |      |
| 6a | 040001218 | Power Cord - 115V/60 Hz         |     |      |
| 6b | 2033023   | Power Cord - 230V/50-60 Hz      |     |      |
| 7  | 4302253   | Control Board Mounting Supports |     |      |
| 8  | 5202323   | Screw, #10-24 x .50 Ground      |     |      |
| 9  | 2500139   | Bushing - 1.5"                  |     |      |
| 10 | 2502189   | Bushing - 0.625"                |     |      |

## QM45 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS



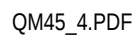
## QM45 - EVAPORATOR COMPARTMENT - COMMON COMPONENTS

| #  | PART #    | DESCRIPTION                                      | QTY | Note |
|----|-----------|--------------------------------------------------|-----|------|
| 1  |           | Evaporator Assembly                              |     |      |
| 1a | 7629463   | Evaporator - Dice Cube                           |     |      |
| 2  |           | Water Pump - See Note for Serial Break           |     |      |
| 2a | 7623063   | Water Pump - 115V/60 Hz                          |     |      |
| 2b | 7626013   | Water Pump - 230V/50-60 Hz                       |     | [1]  |
| 2c | 040000946 | Water Pump - 230V/50-60 Hz                       |     | [2]  |
| 2d | 040001514 | Water Pump Mounting Plate                        |     |      |
| 3  |           | Float Valve Assembly - See Note for Serial Break |     |      |
| 3a | 7602133   | Float Valve Assembly                             |     | [3]  |
| 3b | 8369049   | Float Valve Assembly                             |     | [4]  |
| 3c | 8369069   | Float Valve Screen                               |     |      |
| 3d | 8369089   | Float Valve Plunger                              |     |      |
| 3e | 5650729   | Float Valve Compression Nut                      |     |      |
| 3f | 7621403   | Float Valve Bracket                              |     |      |
| 4  | 7601603   | Ice Thickness Control Probe                      |     |      |
| 5  | 2301483   | Magnetic Bin Switch                              |     |      |
| 6  | 7600493   | Ice Damper                                       |     |      |
| 6a | 7629093   | Ice Damper Magnet and Cap                        |     |      |
| 7  | 000007163 | Water Distribution Tube - QM30/QM45              |     |      |
| 8  | 040001233 | Water Trough                                     |     |      |
| 9  | 4420291   | Vinyl Tube - 0.25" OD                            |     |      |
| 10 | 4302223   | Siphon Cap                                       |     |      |
| 11 | 000006754 | Water Pump Cover                                 |     |      |
| 12 | 7600863   | Drain Tube                                       |     |      |
| 13 | 040001234 | Water Pump Tubing                                |     |      |
| 14 | 5202189   | Evaporator Mounting - Screw - #10-24 x 0.75"     |     |      |
| 15 | 5202069   | Screw - #10-24 x 0.50" HEX                       |     |      |
| 16 | 040001217 | Thumbscrew - #8-32 x 0.625"                      |     |      |
| 17 | 2500169   | Bushing - 0.91" OD x 0.44" ID                    |     |      |
| 18 | 2078063   | Water Pump Lead - 208-230V/50-60 Hz              |     |      |

### PART NOTES:

- [1] - Before Serial Number 310145261
- [2] - After Serial Number 310145261
- [3] - Before Serial Number 031100000
- [4] - After Serial Number 031100000

## QM45 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS



## QM45 - REFRIGERATION COMPARTMENT - COMMON COMPONENTS

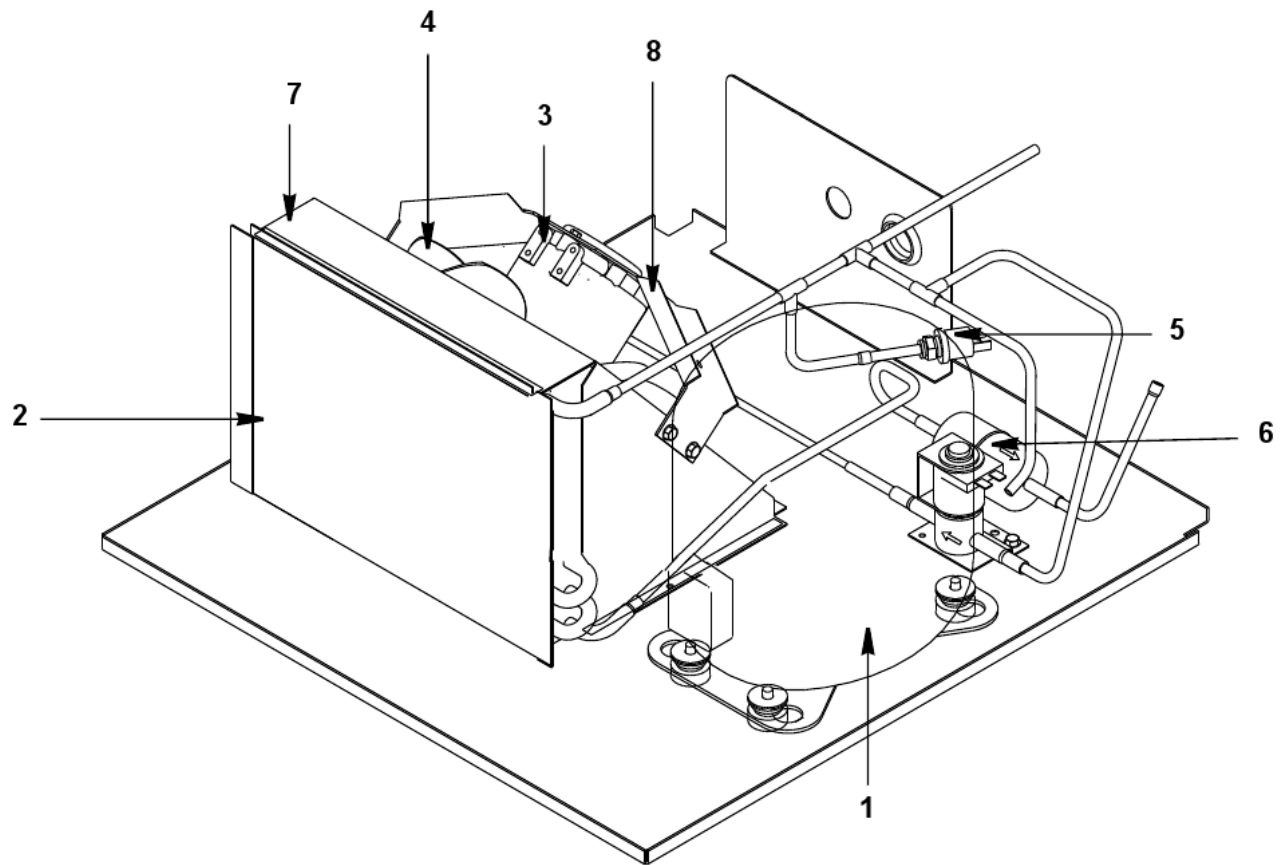
| #  | PART #    | DESCRIPTION                                      | QTY | Note |
|----|-----------|--------------------------------------------------|-----|------|
| 1  |           | Compressor                                       |     |      |
| 1a | 7629183   | Compressor - 115V/60 Hz/1 Ph                     |     |      |
| 1b | 8505683   | Overload / Relay Assembly                        |     |      |
| 1c | 7629193   | Compressor - 230V/50 Hz/1 Ph                     |     |      |
| 1d | 8505503   | Overload / Relay Assembly                        |     |      |
| 2  |           | Harvest Valve                                    |     |      |
| 2a | 7630001   | Solenoid Valve with Electrical Coil - 115V/60 Hz |     |      |
| 2b | 000005156 | Danfoss Solenoid Valve Coil Only - 115V/60 Hz    |     | [1]  |
| 2c | 2404363   | Alco Solenoid Valve Coil Only - 115V/60 Hz       |     |      |
| 2d | 7630061   | Solenoid Valve with Coil - 208-230V/50-60 Hz     |     |      |
| 2e | 000005157 | Danfoss Solenoid Valve Coil Only - 230V/50-60 Hz |     | [2]  |
| 2f | 2404483   | Alco Solenoid Valve Coil Only - 230V/50 Hz       |     |      |
| 3  | 7629503   | Expansion Valve                                  |     |      |
| 4  | 4007213   | Valve Insulation Boot - Body                     |     |      |
| 5  | 4007203   | Valve Insulation Boot - Bulb                     |     | [3]  |
| 6  | 6035151   | Coupling Panel - Water/Electrical Connections    |     |      |
| 7  | 8706093   | Female Wing Adapter - 0.375"                     |     |      |
| 8  | 1360961   | Male Connector                                   |     |      |
| 9  | 4421443   | Bin Drain Tubing - 0.625 ID                      |     |      |
| 10 | 5650649   | Hose Clamp - 0.759"/0.848" ID                    |     |      |
| 11 | 4420291   | Vinyl Tube - 0.25" OD                            |     |      |
| 12 | 5650529   | Clamp - Expansion Valve Bulb                     |     |      |
| 13 | 5202069   | Screw - #10-24 x 0.50" HEX                       |     |      |
| 14 | 5648269   | Mounting - Retainer                              |     |      |
| 15 | 5573179   | Compressor Mounting Washer                       |     |      |
| 16 | 3712109   | Clevis Pin - 0.25" x 1"                          |     |      |
| 17 | 5648289   | Hairpin Clip                                     |     |      |

### PART NOTES:

- [1] - \pages from 000005156\_02.jpg" width=280 height=256>
- [2] - \pages from 000005156\_02.jpg" width=266 height=183>
- [3] - \pages from 400720\_08.jpg" width=923 height=583>

## QM045

### QM45 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS



# QM045

## QM45 - REFRIGERATION COMPARTMENT - AIR-COOLED COMPONENTS

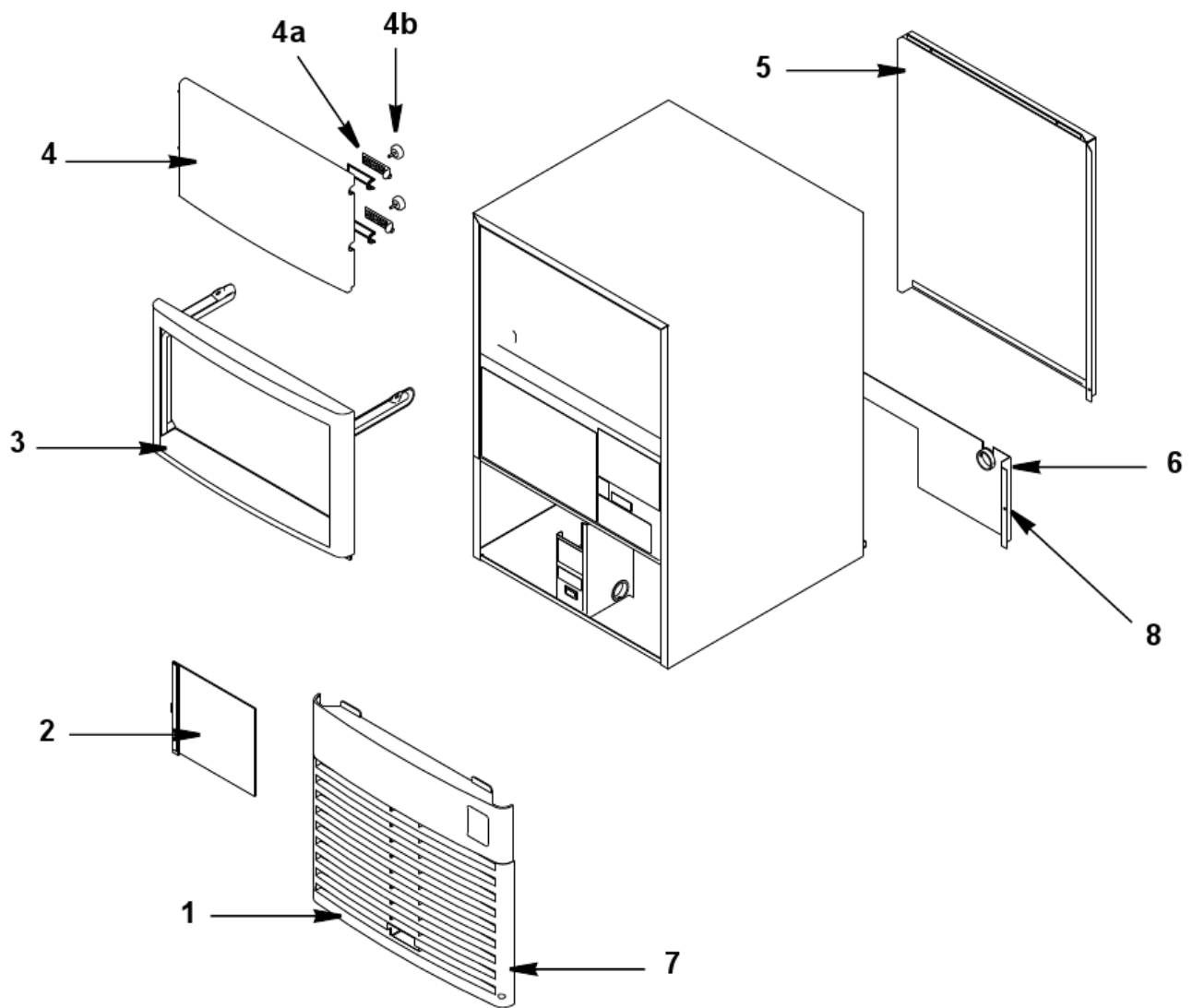
| #  | PART #  | DESCRIPTION                   | QTY | Note |
|----|---------|-------------------------------|-----|------|
| 1  |         | Compressor                    |     | [1]  |
| 2  | 8851353 | Air Condenser                 |     |      |
| 3  |         | Fan Motor                     |     |      |
| 3a | 2000223 | Fan Motor - 115V/60 Hz/1 Ph   |     |      |
| 3b | 2000219 | Fan Motor - 208-230V/50-60 Hz |     |      |
| 4  | 2416243 | Fan Blade                     |     |      |
| 5  | 2355453 | Fan Cycling Control           |     |      |
| 6  | 8930259 | Drier                         |     |      |
| 7  | 6061749 | Fan Shroud                    |     |      |
| 8  | 6029401 | Fan Motor Mounting Bracket    |     |      |

### PART NOTES:

[1] - Refer to COMMON PARTS Page

# QM045

## QM45 - PANELS



# QM045

## QM45 - PANELS

| #  | PART #    | DESCRIPTION                                 | QTY | Note |
|----|-----------|---------------------------------------------|-----|------|
| 1  | 7629213   | Front Panel Assembly                        |     |      |
| 2  | 7629223   | Air Filter                                  |     |      |
| 3  | 040000627 | Door Frame Assembly                         |     |      |
| 4  | 040002220 | Bin Door                                    |     |      |
| 4a | 7629233   | Door Pin Gasket and Door Pin Assembly       |     |      |
| 4b | 5012353   | Door Pin Thumbscrews                        |     |      |
| 5  | 6047101   | Back Panel, Upper                           |     |      |
| 6  | 6029461   | Back Panel, Lower                           |     |      |
| 7  | 5202239   | Front Cover Screw                           |     |      |
| 8  | 5121539   | Panel/Condenser Mounting Screw - #8 x 0.50" |     |      |
| 9  | 3302583   | Ice Scoop                                   |     |      |