Welcome to Follett
Follett equipment enjoys a well-deserved reputation for excellent performance, long-term reliability and outstanding after-the-sale support. To ensure that this dispenser delivers that same degree of service, we ask that you take a moment to review this manual before beginning the installation of the unit. Our instructions are designed to help you achieve a trouble-free installation. Should you have any questions or require technical help at any point, please call our technical service group at (877) 612-5086 or (610) 252-7301.

Before you begin
After uncrating and removing all packing material, inspect the equipment for concealed shipping damage. If damage is found, notify the shipper immediately and contact Follett Corporation so that we can help in the filing of a claim, if necessary.

Check your paperwork to determine which model you have. Follett model numbers are designed to provide information about the type and capacity of Follett ice dispensing equipment. Following is an explanation of the different model numbers in the 400 series.

D400A

Condenser type
A – air-cooled
W – water-cooled

Ice machine capacity and refrigerant
400 – 400 lbs (181kg)/day, R404A

Ice machine Series
D – Replacement ice machine, Symphony ice and water dispenser

Materials supplied
For air- and water-cooled
(1) D400A/W ice machine
(1) Ice transport tube – 18.5”
(1) Hose clamp
(1) Drain tube – 21”
(1) Fitting – 120, elbow˚
(1) Fitting reducer – 5/8” x 1/4”
(1) Electrical box mounting bracket – F25, F50, F100
(2) Electrical box mounting brackets – Symphony™
(1) Drain connection fitting
(5) Cable ties – medium
(2) Cable ties – small
(1) Installation and Operation Manual
(1) D400A/W Installation Manual
(1) 2 lead female bin signal connector and wire

For water-cooled only
(2) Fitting – 90°, brass – C25, C50
(2) Fitting – 90°, plastic – Symphony top mount units
Note: This ice machine is intended to be used in all freestanding and top mount applications with the exception of C110T5A/W.

1. If ice machine will be installed in a Symphony series ice dispenser remove base spacer (Fig.1).

Fig. 1
2. Verify correct location and positioning of compressor starting relay (Fig. 2).

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<th>CAUTION</th>
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<tr>
<td>• Check start relay before supplying power</td>
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<td>• Start relay is gravity sensitive, and side marked with &quot;TOP&quot; MUST be in &quot;up&quot; position (see drawing below)</td>
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<td>• Failure to comply may cause equipment to overheat, resulting in equipment failure, equipment damage or fire hazard</td>
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Fig. 2

Relay mounting location for top mount and RIDE model ice machines

Relay mounting location for base mounted icemakers in freestanding dispensers
3. Prepare electrical box mounting with supplied hardware to match existing ice machine (Figs. 3, 4, 5, 6).

**Fig. 3 – F25, F50, F110 ice machine electrical box mounting (for freestanding dispensers)**

- hex nut, 8-32"
- lock washer #8
- tri-point screw, 10-32x 1/2"
- truss head screw 8-32 x 1/2"
- hex nut, 8-32"
- electrical box mounting bracket
- ice machine electrical box
- electrical box lid
- screw 8-32 x 3/8"

**Fig. 4 – Symphony series 25FB400A/W, 50FB400A/W, 110FB400A/W ice machine electrical box mounting (for Symphony freestanding dispensers)**

- hex nut, 8-32"
- lock washer #8
- electrical box mounting bracket
- hex nut, 8-32"
- truss head screw 8-32 x 1/2"
- ice machine electrical box
- screw 8-32 x 3/8"
- speed nut
Fig. 5 – Electrical box mounting for top mount air-cooled ice machine

Fig. 6 – Electrical box mounting for all top mount water-cooled ice machines

Note: Before mounting electrical box, loosen water regulator value bracket bolts and slide bracket to rearmost position. Retighten bolts.
4. If the dispenser has an existing R12 ice machine (D4A/W, K4A/W) with only a power cord connection, the dispensers wiring must be modified as shown with the supplied cord and 2 connector female plug (Figs. 7, 8).

**Fig. 7 – Existing field wiring**

**Fig. 8 – New field wiring required for conversion**

5. **Prepare drain connections.** When installing into a Symphony series dispenser use existing drain plumbing. When installing into a pre-Symphony dispenser the drain plumbing will need to be modified to accommodate the larger diameter nipple of the evaporator drain pan. Proceed as follows:

**Top mount**

Follow Fig. 11 to prepare drain assembly. If clogged drain lines are an issue, it is possible to feed larger ID (1/2" (13mm)) tubing through the rear chase.

**Freestanding**

1. Remove existing external plumbing.
2. Remove drain connection assembly at rear of dispenser.
3. Install supplied drain connection assembly with larger ID fitting. Some very old dispensers may need to have the exit hole in the dispenser frame enlarged.
4. To benefit from the larger drain size the external drain piping must be increased also.
5. Follow Fig. 9 or Fig. 10 to prepare drain assembly.

**Fig. 9 – Evaporator drain assembly for F255W, F505W, F1105W**

- Drain connection assembly
- Clear vinyl tubing, 3/4" ID x 1" OD x 21" L
- To evaporator drain pan
6. Install ice machine into dispenser.
7. Connect drain line to evaporator drain pan.
8. Make ice transport tube connections – for top mount applications. Disconnect the supplied transport tube from the nozzle and follow the 4 steps below. For freestanding applications connect to existing tube and discard supplied tube.
9. Connect water line to float.
10. Make electrical (power & bin signal) twistlock connections.

11. **Use supplied cable ties to bundle electrical cables to prevent contact with the fan blade.**
12. Restore power and check operation.

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