

# Rack Slide & Tray Slide Systems

Delfield Company

Rev A: 19 Jan 2004, Initial Document Release

## 1.0 Introduction

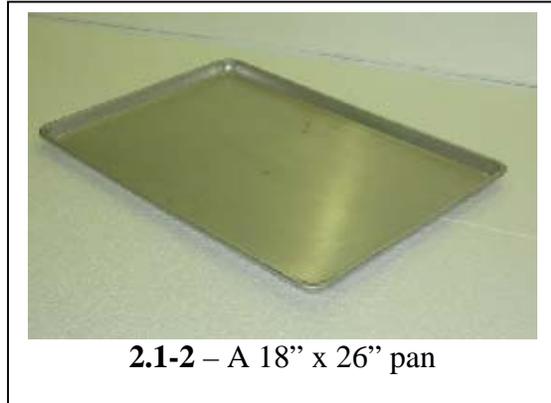
The following document details the application, assembly, and setup of the rack and tray slide systems used with Delfield Meridian and Supremacy upright reach-in models. The following setups will be detailed: T-1, T-2, T-3, T-4, T-5, T-6, and T-7. All information is current as of 01 February 2004. Section 2 discusses the options that are available in current rack and tray slide systems. Section 3 summarizes each system and gives detailed information, including assembly instructions. Section 4 is an appendix that contains additional information such as the maximum number of tray slides for each section, a bill of material for each system and a glossary describing the major parts and their function

## 2.0 Description of Options

There are several options to choose when deciding on the type of slide system to use. The options are: the type of pans to be held, how to hold the pans, if the system must be adjustable, etc. This section describes the major options and their differences.

### 2.1 Pans

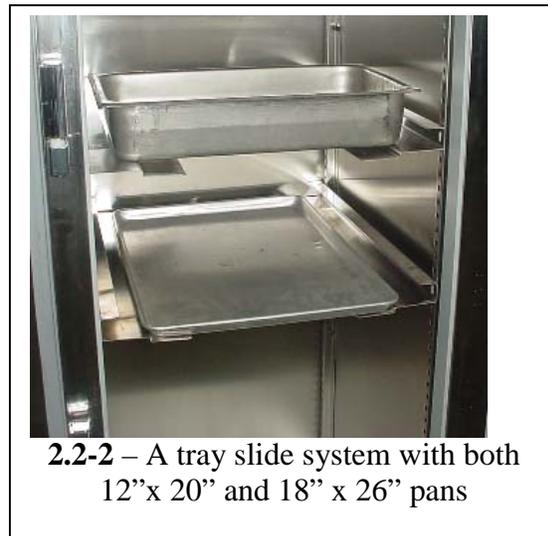
The first decision is based on what type of pan the reach-in unit will hold. The two supported pans are 12"x20" pans and 18"x26" pans. The 12"x20" pan is a deep pan (usually 4-6" deep), with a fairly flat edge (flange) around the top. The 18"x26" pan is a sheet style pan with a shallow depth and typically comes with rolled edges around the top. The pan types control the number and size of the spacers (See Glossary – Section 4.3.3) for each door section. Spacers are used to adjust the door section width for different pans. For each door section side needing a spacer, two spacers are provided (front and back). Pictures of each pan may be found in Figures 2.1-1 and 2.1-2



### 2.2 Height Adjustability

The second choice is to decide if the spacing between pans must be adjustable. A rack system has non-adjustable spacing.

It consists of a wire rack on each side of a door section and is shown in Figure 2.2-1. To fill one door section, four racks (two per side) are used. A tray system uses a set of



supports for each pan. Each tray slide must be clipped into either a spacer or pilaster (See Glossary – Sect 4.3.4). For each pan to be held, one (1) set of two tray slides must be used. For example, if a one door section needs to hold nine (9) pans, nine (9) pairs of tray slides must be used. The tray slides are adjustable along the height of each door section and can be seen in Figure 2.2-2.

### **2.3 Support**

The final important choice is to choose the type of pan support in each door section. There are two options to choose from, bottom or edge support.

In the case of “bottom support,” the pans are supported on the bottom of the pan. An example of a bottom support system may be viewed in Figure 2.3-1. *Note: Rack systems CANNOT function as bottom supports.* In the case of “edge support” (sometimes called flange support), the pans are held by the edge around the top of the pan. The edge around the top can either be a flat edge (flange) or a rolled edge. An example of this is shown in Figure 2.3-2.



**2.3-1** – A bottom support system.



**2.3-2** – An edge (flange) support system.

### 3.0 System Details

Section 3.0 gives the details for each rack and tray slide system. Subsections 3.1-3.7 give the detailed information for each system setup. Each of these subsections gives a description of the system and a set of installation instructions along with pictures and illustrations of the assembled parts.

The following chart gives the general information about each system with details in the following subsections. The chart includes the system name, the type of slide and support style, along with the spacer information. The spacer information contains how many sides of a door section require spacers, the correct spacer width, and the number of spacers needed for a full door section. The chart also details which pans are compatible with each system.

General Information			Spacer Information			Compatible Pans	
System Name	Slide Style	Support Style	Sides Per Door Sect.	Spacer Width	Qty of Spacers per Door Sect.	12" x 20"	18" x 26"
T-1	Tray	Edge	2	2.44	8		X
T-2	Tray	Bottom	-	-	-	X	X
T-3	Tray	Edge	1	1.83	4	X	
T-4	Rack	Edge	1	2.44	4		X
T-5	Rack	Edge	-	-	-	X	
T-6	Tray	Bottom	2	2.44	8		X
T-7	Tray	Bottom	1	1.83	4	X	

#### 3.0.1 General Installation Note

Factory installation guidelines recommend using a dead-blow hammer (See Figure 3.0-1) to seat the tab into the cutouts. Spacers, tray slides, and mounting plates cannot be installed by hand alone. Figures 3.0-2 and 3.0-3 show a tab fully seated into a cutout. Please use these pictures as a guide for a seated part.



### **3.1 T-1 – Edge (Flange) Support Tray Slide for 18” x 26” pans**

The T-1 tray slide system is designed to support 18” x 26” pans by the edge of the pan. The T-1 tray slide system uses a set of spacers for each side of the door section and several sets of tray slides (depending on the quantity of pans to be held). The T-1 spacers are 2.44” wide. The slides are shaped as a “C” channel.



**3.1-1 – Installed T-1 Tray Slide with 18”x 26” Pans**

Each set of tray slides is mounted at the same height across a door section. If the tray slides are not at the same height, the pan cannot be held securely. For each pan, one set of two (2) tray slides is used. (See Section

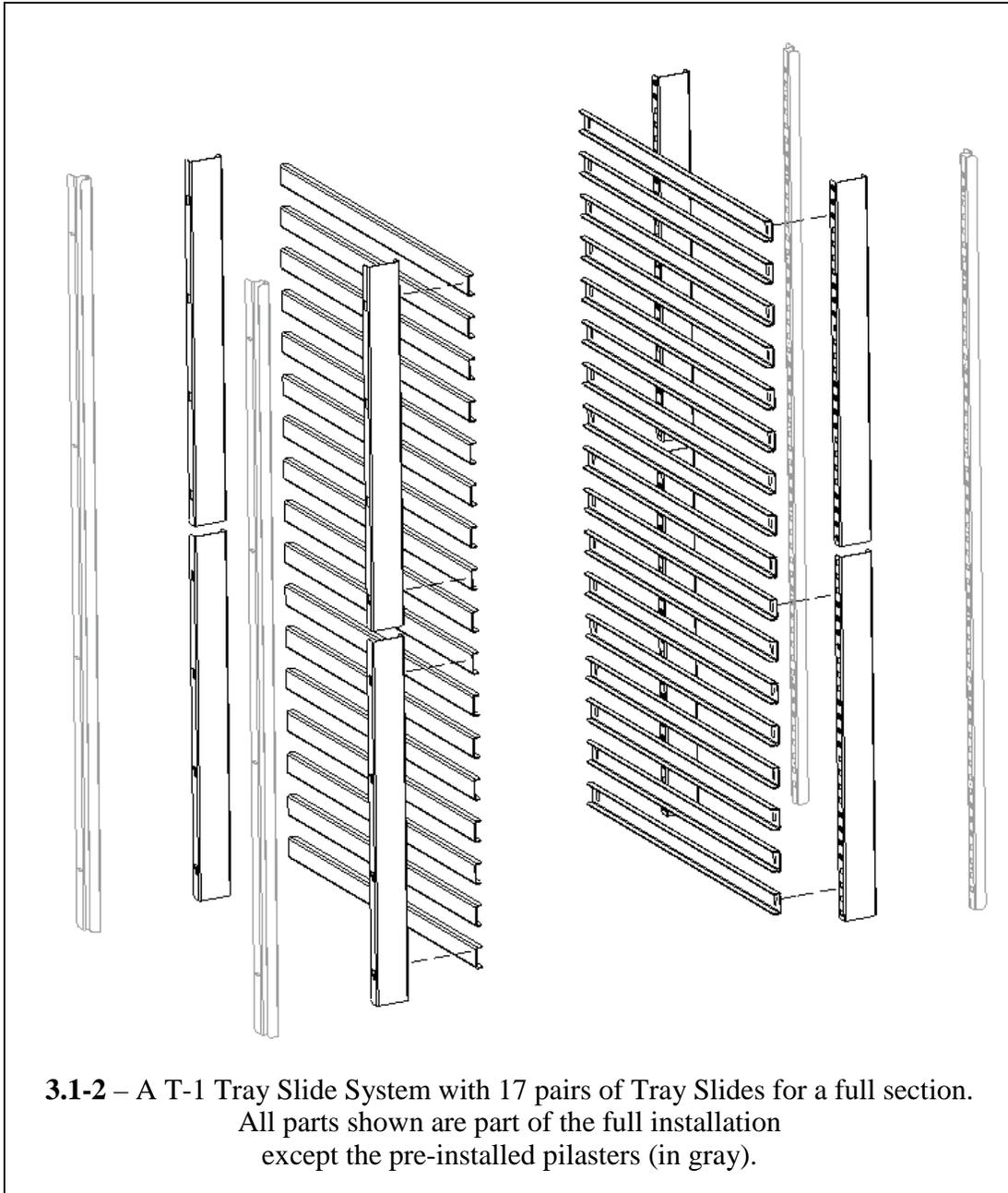
4.1 for available spacing). The only exception to this rule is when 1.5” pan spacing is desired. For 1.5” spacing, the tray slides are mounted every 3” and the top and bottom of each tray slide is used to hold a pan. An illustration of this situation may be seen in Figure 3.1-2.

For each full door section, there will be eight (8) spacers. There are four (4) spacers on each side, splitting them evenly between top and bottom.

#### **Installation Instructions:**

1. *Note: For a full installation, start at the bottom of the cabinet. If this is not done, you will not be able to mount the lower spacers.* Mount the first spacer to a pilaster. The spacer is mounted by sliding the four (4) tabs of the spacer down onto the cutouts of the pilaster. Place the spacer so that all of the tabs engage a slot on the pilaster. See General Installation Note 3.0.1.
2. Attach the second spacer to the other pilaster on the same side of the door section. Check to make sure that the mounted spacers are at the same height.
3. Repeat steps 1 & 2 to mount the third and fourth spacers at the same height on the opposite side of the door section. Take care to ensure that the mounted spacers are at the same height as the other spacers.
4. Once the lower half is completed, repeat steps 1, 2, and 3 to install the upper spacers.
5. For each pan, mount a pair of tray slides; one on each side of the door section. For each pan, two (2) tray slides will be used. Mount the tray slides onto the spacers by sliding the tray slide tabs down into the spacer cutouts. Each tray slide should have another tray slide at the same height on the opposite side of the door section. Make sure that all tabs are engaged securely to each spacer.

6. Verify that all tray slides are lined up evenly. *Note: An easy check to verify correct installation is to slide an 18" x 26" pan onto each slide. If the pan is held securely, and is level inside the door section, the installation has been successful.*



### **3.2 T-2 - Universal Bottom Support Tray Slide for 12" x 20" and 18" x 26" pans**

The T-2 (Universal) tray slide system is designed to support both 12" x 20" and 18" x 26" pans by the bottom. In the T-2 (Universal) system, the slides are mounted directly to the pilasters (and do not use spacers). The tray slide is an "L" shaped piece of formed stainless steel. A picture of the system may be found in Figure 3.2-1.

Each set of tray slides is mounted at the same height across a door section. If the tray slides are not at the same height, the pan cannot be held securely. For each pan, one set of two (2) tray slides is used. (See Section 4.1 for available spacing)

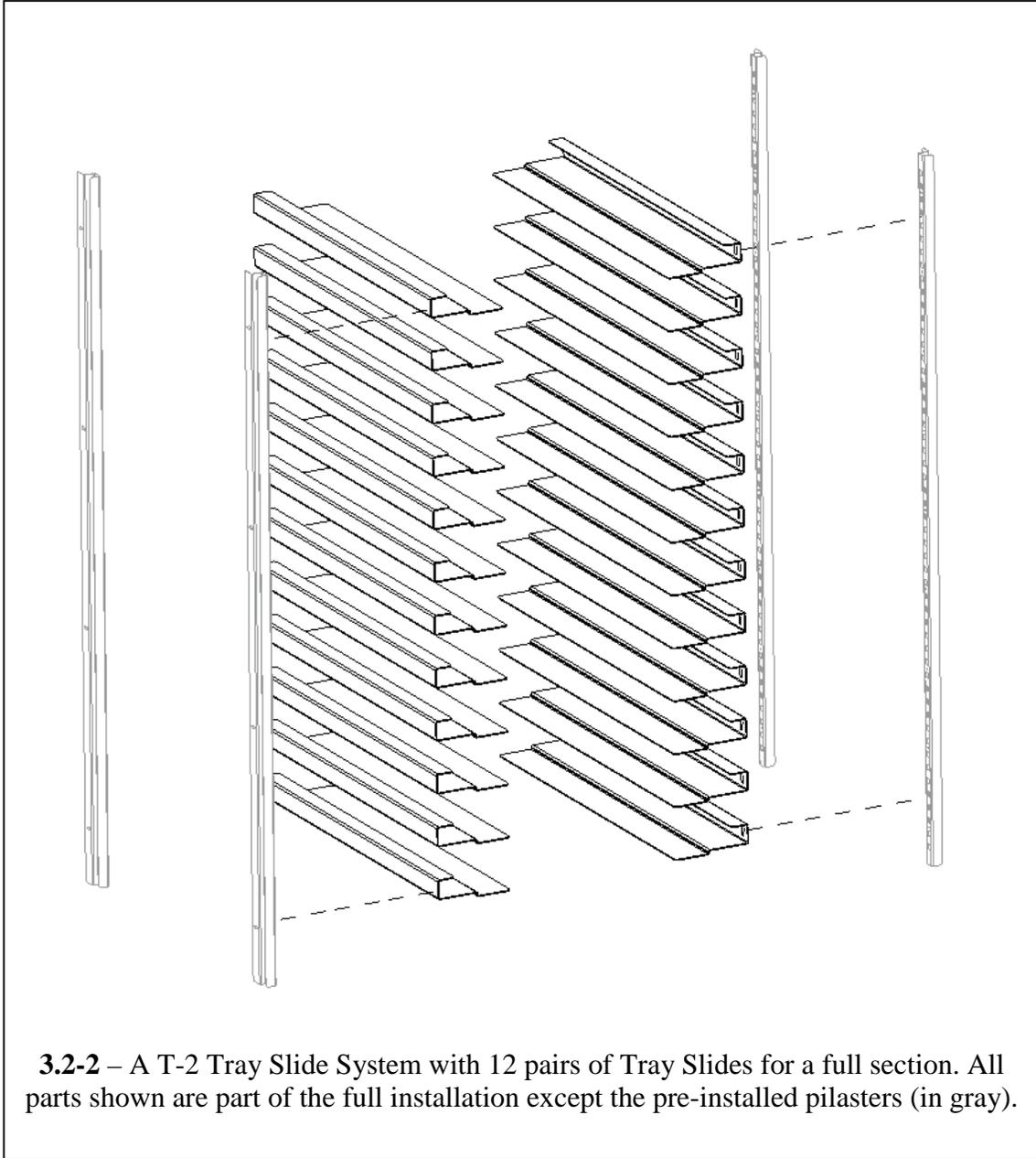
A typical setup of the T-2 system is illustrated in Figure 3.2-2.



**3.2-1 – Installed T-2 tray slide with both size pans**

#### **Installation Instructions:**

1. Mount the tray slides to each door section side. For each pan, two (2) tray slides will be used. Mount the tray slides onto the pilasters by sliding the tabs down into the pilaster cutouts. Each tray slide must have another tray slide at the same height, on the opposite side of the door section. Make sure that all tabs are engaged securely to each pilaster. See General Installation Note 3.0.1.
2. Verify that all tray slides are lined up evenly. Note: An easy check to verify correct installation is to slide a pan onto each slide. If the pan is held securely, and is level inside the door section, the installation has been successful.



**3.2-2** – A T-2 Tray Slide System with 12 pairs of Tray Slides for a full section. All parts shown are part of the full installation except the pre-installed pilasters (in gray).

### 3.3 T-3 – Edge (Flange) Support Tray Slide for 12” x 20” pans

The T-3 tray slide system is designed to support 12” x 20” pans by the edge of the pan. The T-3 tray slide system consists of a set of spacers on one (1) side of each door section and a set of tray slides for each pan to be supported. The T-3 spacers are 1.83” wide. The slides are shaped as a “C” channel.



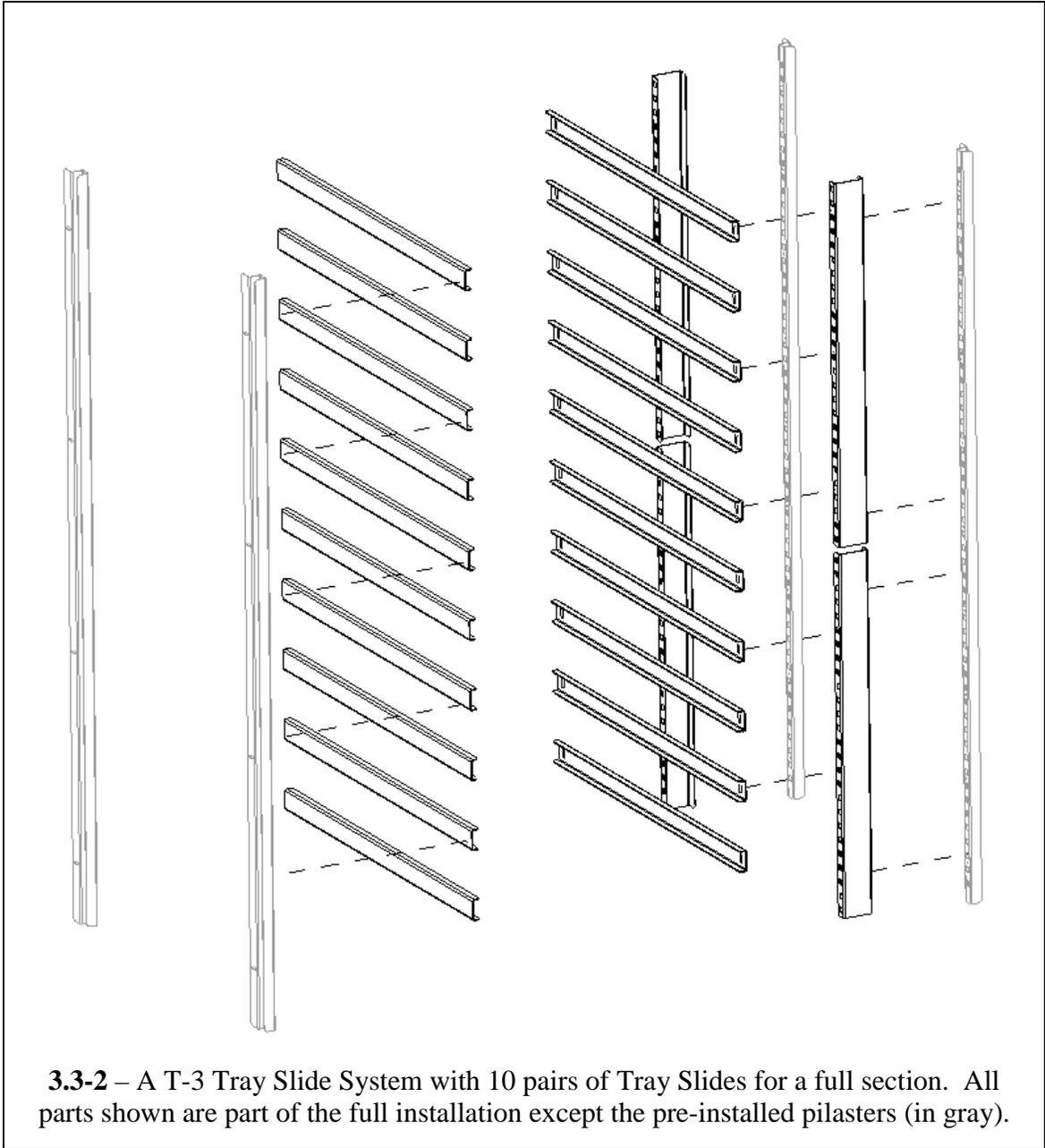
3.3-1 – Installed T-3 Tray Slide with 12”x 20” pan

Each set of tray slides is mounted at the same height across a door section. If the tray slides are not at the same height, the pan cannot be held securely. For each pan, one set of tray slide is used. (See Section 4.1 for available spacing)

For a full installation, there will be four (4) spacers per door section (all on one side of a door section). The number of spacers is split with two for the top and two for the bottom. An illustration may be found in Figure 3.3-2.

#### Installation Instructions:

1. *Note: For a full height installation, start at the bottom of the cabinet. If this is not done, you will not be able to mount the lower set of spacers.* Mount the first spacer to a pilaster. The spacer is mounted by sliding the four (4) tabs of the spacer down onto the cutouts of the pilaster. Place the spacer so that all of the tabs engage a slot on the pilaster. See General Installation Note 3.0.1.
2. Attach the second spacer to the other pilaster on the same side of the door section. Check to make sure that the spacer heights are the same across the door section side.
3. Once the lower half is complete, repeat steps 1 & 2 to install the upper portion of spacers. *Note: Take care to line the spacers up across the door section depth. This will allow the full range of positions to be used. See Figure 3.3-2 for an illustration.*
4. Mount the tray slides to each door section side. For each pan, two (2) tray slides will be used. Mount one (1) tray slide onto the spacers with the tabs of each slide going down into the spacer cutouts. Mount the other tray slide to the pilasters on the opposite side of the door section. Each tray slide should have another tray slide at the same height, on the opposite side of the door section. Make sure that all tabs are fully engaged in each spacer/pilaster cutout.
5. Verify that all tray slides are lined up evenly. *Note: An easy check to verify correct installation is to slide a pan of the appropriate size into each slide. If the pan is held securely, and is level inside the door section, the installation has been successful.*



### **3.4 T-4 – Edge (Flange) Support Rack Slide for 18” x 26” pans**

The T-4 rack slide system is designed to support 18” x 26” pans by the edge of the pan. The T-4 rack slide system consists of a spacer on one (1) side of the door section, mounting plates for each door section side, and a set of racks (one for each side). The T-4 spacers are 2.44” wide. The racks are formed of heavy gauge metal wire.



**3.4-1** – Installed T-4 Rack Slide with 18”x26” pan

For a full installation, there will be four (4)

spacers per door section (all on one side of a door section). The number of spacers is split with two for the top and two for the bottom. There will be eight (8) mounting plates (two (2) per rack). There will be four (4) racks for a full door section. This is illustrated in Figure 3.4-2.

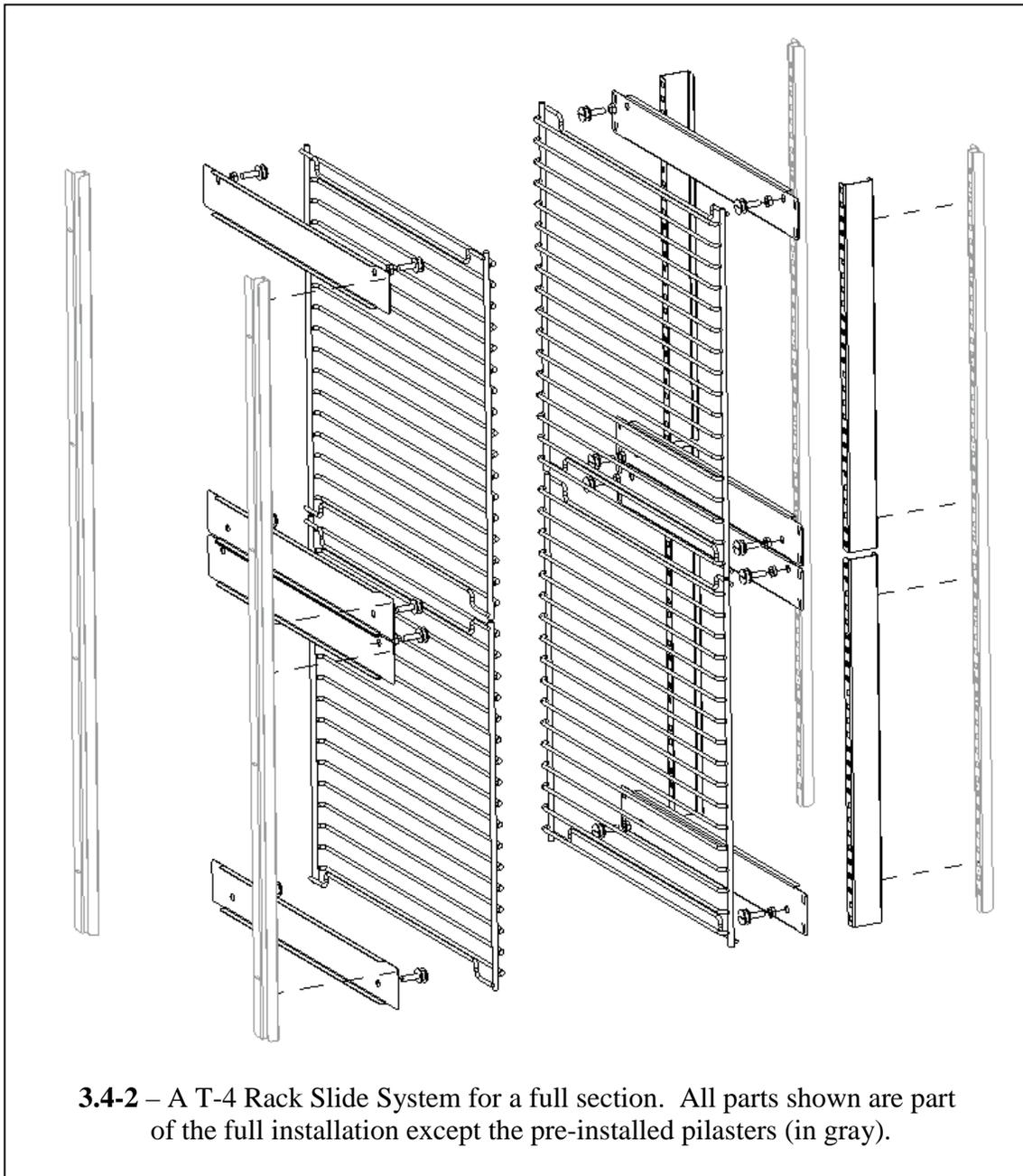
Each set of rack slides is mounted at the same height across a door section. If the rack slides are not at the same height, the pan cannot be held securely.

Each set of rack slides uses a top and a bottom mounting plate. Each mounting plate has two (2) tabs on each side. The location of the hole on the face is what differentiates the top and bottom mounting plates. Please see the Glossary (Section 4.3.5) for a full description of the top and bottom plates. It is possible to install the mounting plates incorrectly and still mount either the top or bottom half of racks. If the plates are mounted incorrectly, the second half will be difficult/impossible to install correctly.

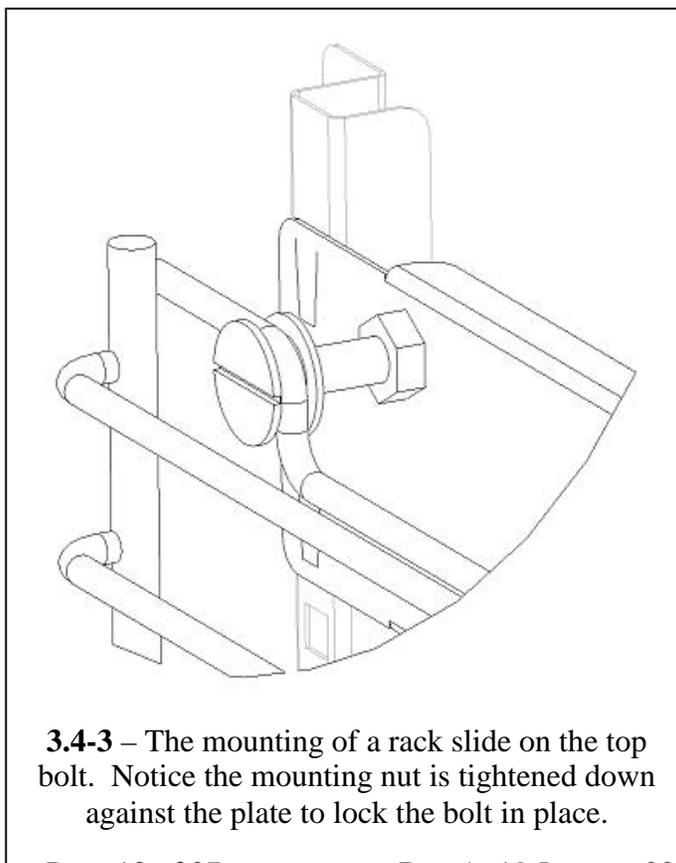
#### **Installation Instructions:**

1. *Note: For a full height installation, start at the bottom of the cabinet. If this is not done, you will not be able to mount the low set of spacers.* Mount the first spacer to a pilaster. The spacer is mounted by sliding the four (4) tabs of the spacer down onto the cutouts of the pilaster. Place the spacer so that all of the tabs engage a slot on the pilaster. See General Installation Note 3.0.1.
2. Attach the second spacer to the other pilaster on the same side of the door section. Check to make sure that the spacer heights are the same across the door section side.

3. For a full section installation, repeat steps 1 & 2 to mount the upper spacers on the same side of the door section, watching to make sure that the spacers are mounted at the same height as each other.
4. Start assembling the mounting plates at the bottom of the door section. Place a bottom mounting plate so that each set of tabs engages a cutout on the spacer/pilaster. Push the mounting plate down to secure the plate to the cutouts.
5. Place a top mounting plate so that when it is assembled on the same side, the bottom edge of the upper plate should be about 20" from the top of the lower mounting plate.
6. Repeat steps 4-5 to assemble the opposite side of mounting plates. *Please verify that all mounting plates are lined up across the door section.*



7. For a full section installation, repeat steps 4-6 for the upper half. For step 4, place the bottom mounting plate so that it is just above the lower half's upper mounting plate. (See Figure 3.4-2)
8. Using the rack mounting bolts, thread a nut to the *head* of each bolt. For a full door section there will be sixteen (16) bolts and nuts. The nuts will be used later (Step 13) to lock the mounting bolt into position. Figure 3.4-3 illustrates the state of the assembly after Step 14. The nut must turn freely with the bolt until Step 13.
9. Thread each of the bolt and nut assemblies into each hole on the mounting plates. Leave about the same distance between the back of the mounting bolt head and the mounting plate. This will assist in assembling the rack slide to the mounting bolts. There are two (2) mounting bolts per mounting plate.
10. Place the rack onto the mounting bolts. The upper mounting bolts rest on the outside of the bent bar on the back of the rack slide. A picture of this is found in Figure 3.4-3. The lower mounting bolts will sit on the inside of the bar on the opposite end. Each rack will use four (4) mounting bolts.
11. Mount the remaining racks onto the remaining sets of mounting bolts.
12. Once all racks have been mounted, the spacing must be adjusted to fit the pans properly. Slide a pan into each slot and check for fit. *Note: Not all bolts must be turned for each adjustment. For example, if the top slot is tight in the back of the door section, only the bolts at the top and in the back need to be adjusted. If the pan is too tight or cannot fit, loosen by adjusting four (4) bolts on one side of the door section.* Generally, if there is a sloppy or loose area, unscrew the bolts to improve the fit. If the pan cannot fit, or is too tight, screw the mounting bolts in to give a bit more room.
13. Once the pans have the desired fit in each slot, remove the racks from the mounting bolts. Tighten the mounting nuts to the mounting plate while **being careful not to turn the mounting bolts**. See Figure 3.4-3 to see a mounting nut tightened against the mounting plate.
14. Place the racks back onto the mounting bolts and verify correct fit has been maintained. *Note: An easy check to verify correct installation is to slide a pan of the appropriate size into each slide. If the pan is held securely, and is level inside the door section, the installation has been successful*



### 3.5 T-5 – Edge (Flange) Support Rack Slide for 12” x 20” pans

The T-5 rack slide system is designed to support 12” x 20” pans by the edge of the pan. The T-5 rack slide uses mounting plates (no spacers) for each door section side and a set of two racks (one for each side). The racks are formed of heavy gauge metal wire.



3.5-1 – Installed T-5 Rack Slide with 12”x20” pan

For a full installation, there are eight (8) mounting plates (two (2) per rack) and four (4) racks. An illustration of the T-5 system may be found in Figure 3.5-2.

Each set of rack slides is mounted at the same height across a door section. If the rack slides are not at the same height, the pan cannot be held securely. Each set of racks may hold multiple pans.

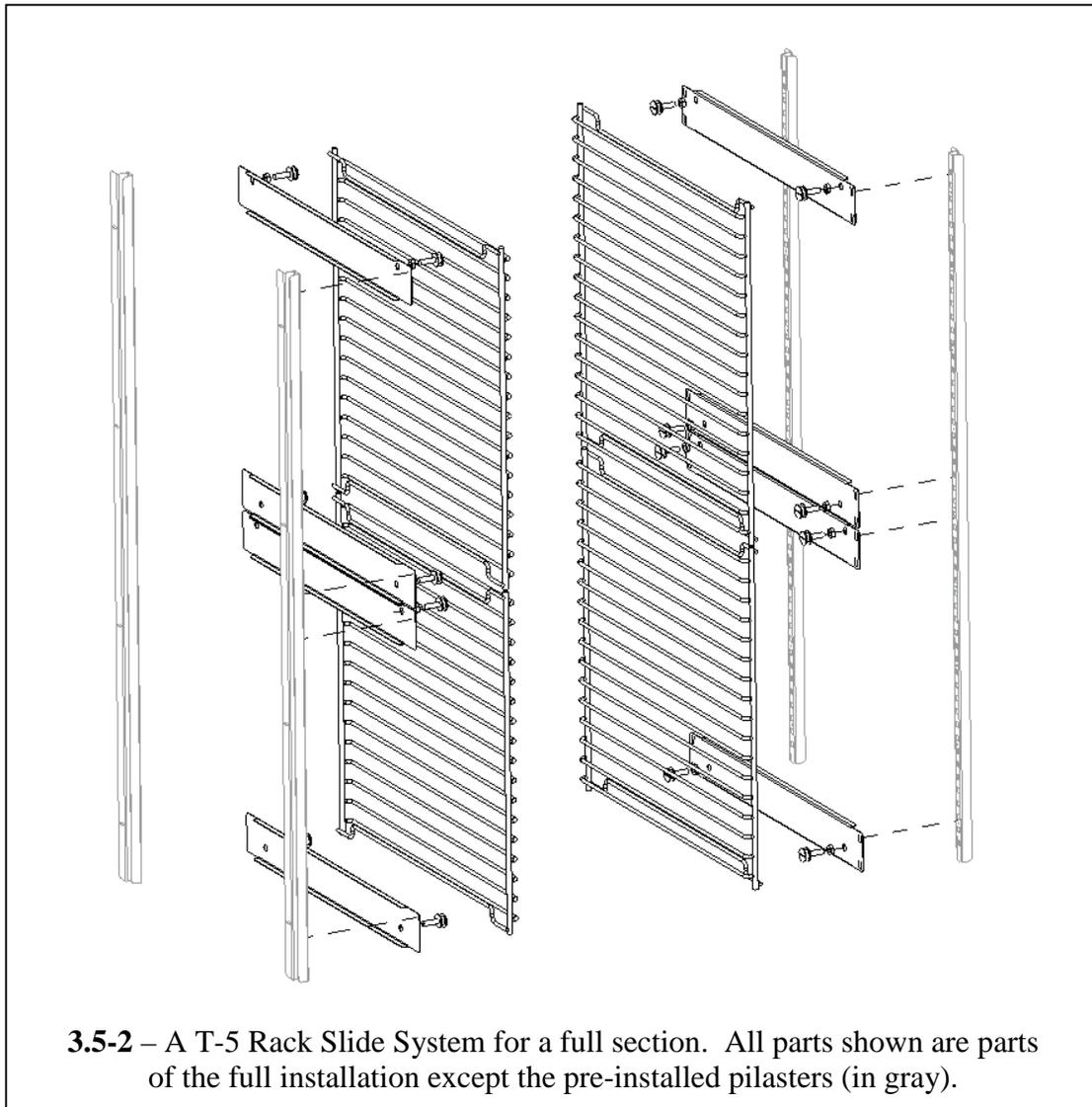
Each set of rack slides uses a top and a bottom mounting plate. Each mounting plate has two (2) tabs on each side. The location of the hole on the plate face is what differentiates the top and bottom mounting plates. Please see the Glossary (Section 4.3.5) for a description of the top and bottom plates. It is possible to install the mounting plates incorrectly and still mount either the top or bottom half of racks. If the plates are mounted incorrectly, the second half will be difficult/impossible to install correctly.

#### Installation Instructions:

1. Start by installing the bottom mounting plates to the pilasters. Place the mounting plate so that each set of tabs engages a cutout on the pilaster. Push the mounting plate down to secure the plate to the pilaster. See General Installation Note 3.0.1.
2. Place a top mounting plate so that when it is assembled to the pilaster, the bottom edge should be about 20” from the top of the lower mounting plate.
3. Repeat steps 1-2 to assemble the opposite side of mounting plates. *Please verify that all mounting plates are lined up across the door section.*
4. For a full section installation, repeat steps 1-3 for the upper half. For step 1, place the bottom mounting plate so that it is just above the lower half’s upper mounting plate. (See Figure 3.5-2)
5. Using the rack mounting bolts, thread a nut to the head of each bolt. For a full door section there will be sixteen (16) bolts and nuts. The nuts will be used to lock the mounting bolt into position.
6. Using the rack mounting bolts, thread a nut to the *head* of each bolt. For a full door section there will be sixteen (16) bolts and nuts. The nuts will be used later (Step 8) to lock the mounting bolt into position. Figure 3.4-3 illustrates the state of the

assembly after Step 9. The nut must turn freely with the bolt until Step 8. Mount the racks onto the mounting bolts. Each rack will use four (4) bolts.

7. Once all racks have been mounted, the spacing must be adjusted to fit the pans properly. Slide a pan into each slot and check for fit. *Note: Not all bolts must be turned for each adjustment. For example, if the top slot is tight in the back of the door section, only the bolts at the top and in the back need to be adjusted. If the pan is too tight or cannot fit, loosen by adjusting four (4) bolts on one side of the door section.* As a general rule, if there is a sloppy or loose area, unscrew the bolts to improve the fit. If the pan cannot fit, or is too tight, screw the mounting bolts in to give a bit more room.
8. Once the pans have the desired fit in each slot, remove the racks from the mounting bolts. Tighten the mounting nuts to the mounting plate while **being careful not to turn the mounting bolts**. See Figure 3.4-3 to see the mounting nuts tightened against the mounting plate.
9. Place the racks back onto the mounting bolts and verify correct fit has been maintained. *Note: An easy check to verify correct installation is to slide a pan of the appropriate size into each slide. If the pan is held securely, and is level inside the door section, the installation has been successful*



### 3.6 T-6 - Bottom Support Tray Slide for 18" x 26" pans

The T-6 tray slide system is designed to support an 18" x 26" pan by the bottom of the pan. The T-6 tray slide system consists of a set of spacers for each side of the door section and a set of tray slides for each pan used. The T-6 spacers are 2.44" wide. The slides are "L" shaped.

Each set of tray slides is mounted at the same height across a door section. If the tray slides are not at the same height, the pan cannot be held securely. For each pan, one set of tray slide is used. (See Section 4.1 for available spacing)

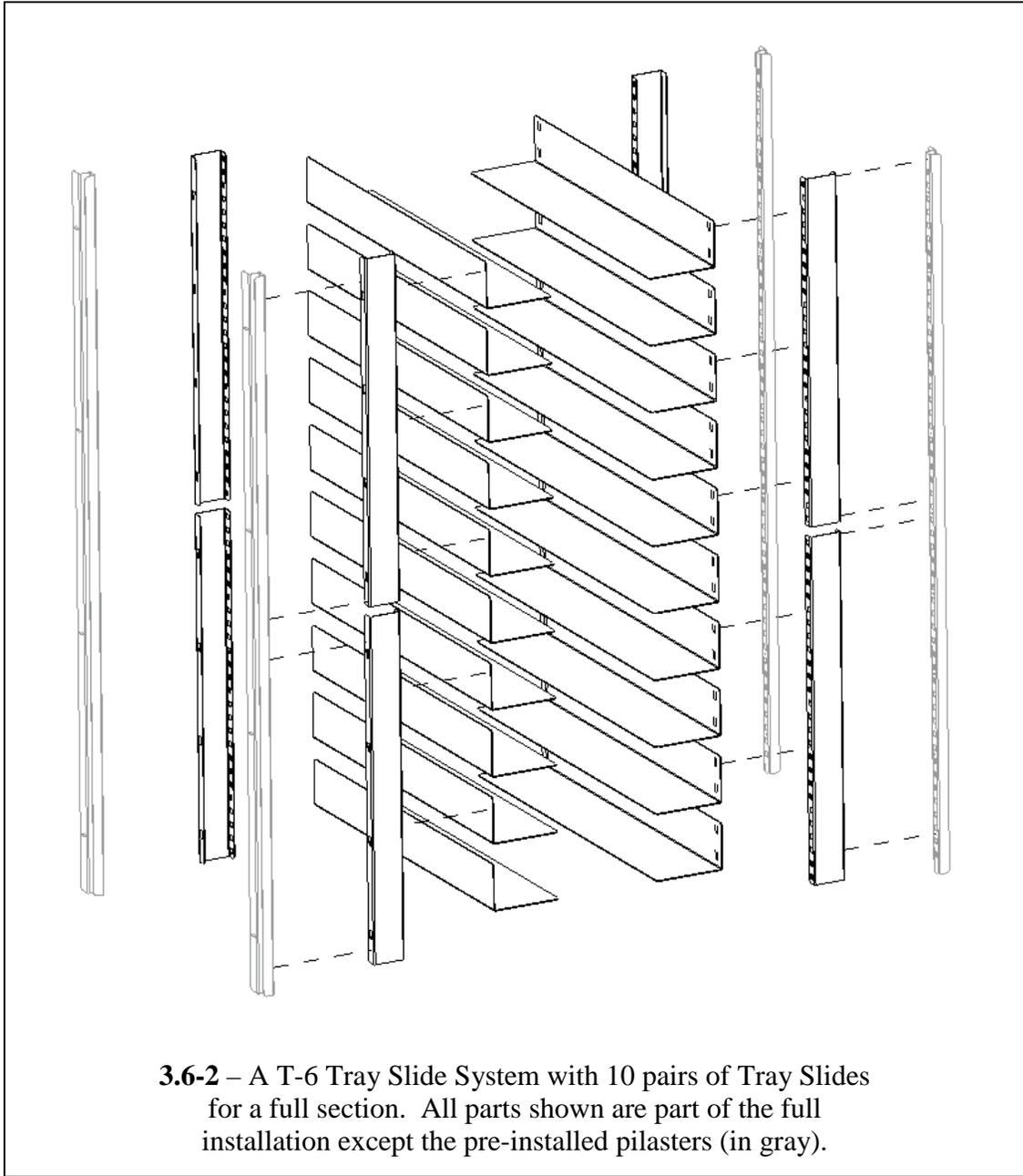


3.6-1 – Installed T-6 Tray Slide for 18"x26" Pan

For each full door section, there will be eight (8) spacers. There are four (4) spacers on each side, split evenly between top and bottom. Please see Figure 3.6-2 for an illustration of the necessary parts and how they are assembled.

#### Installation Instructions:

1. *Note: For a full height installation, start at the bottom of the cabinet. If this is not done, you will not be able to mount the low set of spacers.* Mount the first spacer to a pilaster. The spacer is mounted by sliding the four (4) tabs of the spacer down onto the cutouts of the pilaster. Place the spacer so that all of the tabs engage a slot on the pilaster. See General Installation Note 3.0.1.
2. Attach the second spacer to the second pilaster on the same side. Check to make sure that the spacer heights are the same.
3. Repeat steps 1 & 2 to mount the third and fourth spacers on the opposite side of the door section, watching to make sure that the spacers are mounted at the same height as the opposite side.
4. Once the lower half is completed, repeat steps 1-3 to install the upper spacers.
5. Mount the tray slides to each door section side. For each pan, two (2) tray slides will be used. Mount the tray slides onto the spacers with the tabs of each slide going down into the spacer cutouts. Each tray slide should have another tray slide at the same height, on the opposite side of the door section. Make sure that all tabs are engaged securely to each spacer.
6. Verify that all tray slides are lined up evenly. *Note: An easy check to verify correct installation is to slide a pan of the appropriate size into each slide. If the pan is held securely, and is level inside the door section, the installation has been successful.*



### 3.7 T-7 - Bottom Support Tray Slide for 12" x 20" pans

The T-7 tray slide system is designed to support 12" x 20" pans on the bottom of the pan. The T-7 tray slide system consists of a set of spacers on one (1) side of each door section and a set of tray slides for each pan to be supported. The T-7 spacers are 1.83" wide. The slides are "L" shaped.



3.7-1 – Installed T-7 Tray Slide with 12"x20" pan

Each set of tray slides is mounted at the same height across a door section. If the tray slides are not at the same height, the pan cannot be held securely. For each pan, one set of two tray slides is used. (See Section 4.1 for available spacing)

For a full installation, there will be four (4) spacers per door section (all on one (1) side of a door section). The number of spacers is split with two (2) for the top and two (2) for the bottom. See Figure 3.7-2 for an illustration of the necessary parts for a full section installation.

#### Installation Instructions:

1. *Note: For a full height installation, start at the bottom of the cabinet. If this is not done, you will not be able to mount the lower set of spacers.* Mount the first spacer to a pilaster. The spacer is mounted by sliding the four (4) tabs of the spacer down onto the cutouts of the pilaster. Place the spacer so that all of the tabs engage a slot on the pilaster. See General Installation Note 3.0.1.
2. Attach the second spacer to the other pilaster on the same side of the door section. Check to make sure that the spacer heights are the same across the door section side.
3. Once the lower half is completed, repeat steps 1-2 to install the upper spacers. *Note: Take care to line the spacers up across the cabinet depth. This will allow the full range of positions to be used.*
4. Mount the tray slides to each door section side. For each pan, two (2) tray slides will be used. Mount one (1) tray slide onto the spacers with the tabs of each slide going down into the spacer cutouts. Mount the other tray slide to the pilasters on the opposite side of the door section. Each tray slide should have another tray slide at the same height, on the opposite side of the door section. Make sure that all tabs are fully engaged in each spacer/pilaster cutout.
5. Verify that all tray slides are lined up evenly. *Note: An easy check to verify correct installation is to slide a pan of the appropriate size into each slide. If the pan is held securely, and is level inside the door section, the installation has been successful.*



## 4.0 Appendix

All information in this document is current as of 01 January 2004.

### 4.1 Tray Slide Requirements for Full and Half Door Sections

This section details the maximum number of tray slides that can be used in a full and half door section. The maximum number of pans does change between the top and bottom half of a door section and the tables are split accordingly. The information is taken from the 2003 Delfield price guide.

The distances given are center distances. This distance is the space from the center of a tray slide to the center of the adjacent tray slide. An easier method to measure is from the top of a tray slide to the top of an adjacent tray slide.

Rack slide systems are not included in the tables because they are designed to occupy one half of a door section side. *The center spacing on rack slides is at 1.5”.*

#### 4.1.1 Maximum Tray Slides for a Full Section

Tray Slide Type	Centers					
	1.5"	2.0"	3.0"	4.0"	5.0"	6.0"
T-1	17	26	17	13	10	8
T-2	-	25	17	12	10	8
T-3	-	-	17	12	9	7
T-6	-	-	-	13	10	8
T-7	-	-	-	13	10	8

#### 4.1.2 Maximum Tray Slides for a Half Section (Top)

Tray Slide Type	Centers					
	1.5"	2.0"	3.0"	4.0"	5.0"	6.0"
T-1	7	10	6	5	4	4
T-2	-	10	6	5	4	4
T-3	-	-	6	5	4	3
T-6	-	-	-	5	4	4
T-7	-	-	-	5	4	3

#### 4.1.3 Maximum Tray Slides for a Half Section (Bottom)

Tray Slide Type	Centers					
	1.5"	2.0"	3.0"	4.0"	5.0"	6.0"
T-1	8	12	8	6	5	4
T-2	-	10	6	6	5	4
T-3	-	-	8	6	5	4
T-6	-	-	-	6	5	4
T-7	-	-	-	6	5	4

## 4.2 Bills of Material

This section contains the Bills of Material (BOM) for each Tray Slide or Rack Slide system. Each section will describe the proper number of each part to purchase for either a half or full door section.

### 4.2.1 – T-1 TRAY SLIDES BOM

To install a full section T-1 tray slide system, two (2) - 000-B17-0045 (Kit, T-1 Spacers) must be ordered. For a half section, only one (1) - 000-B17-0045 kit must be ordered.

For each pan to be stored in a door section, one (1) set of 000-B17-0044 (Kit, T-1 Trayslides, Pair) must be ordered.

For example, if you need to hold 6 – 18”x26” pans in the bottom half of a door section, you must buy one (1) - 000-B17-0045 (Kit, T-1 Spacers) and six (6) - 000-B17-0044 (Kit, T-1 Trayslides, Pair).

Part: 000-B17-0044		
Desc: KIT, T-1 TRAYSLIDES, PAIR		
COMPONENT PARTS	DESCRIPTION	QTY
117-AGE-0031	TRAYSLIDE	2.0000

Part: 000-B17-0045		
Desc: KIT, T-1 SPACERS		
COMPONENT PARTS	DESCRIPTION	QTY
119-AEO-0038	SPACER, 2.44", TRAYS, RT	2.0000
119-AEO-0039	SPACER, 2.44", TRAYS, LT	2.0000

### 4.2.2 – T-2 TRAY SLIDES BOM

For each pan to be stored in a door section, one (1) set of 000-B17-0046 (Kit, T-2 Trayslides, Pair) must be ordered.

For example, if you need to hold six (6) – 18”x26” pans and four (4) - 12”x20” pans in a door section, you must buy ten (10) - 000-B17-0046 (Kit, T-2 Trayslides, Pair).

Part: 000-B17-0046		
Desc: KIT, T-2 TRAYSLIDES, PAIR		
COMPONENT PARTS	DESCRIPTION	QTY
117-AGE-0030	TRAYSLIDE	2.0000

### 4.2.3 – T-3 TRAY SLIDES BOM

To install a full section T-3 tray slide system, two (2) - 000-B17-0048 (Kit, T-3 Spacers) must be ordered. For a half section, only one (1) - 000-B17-0048 kit must be ordered.

For each pan to be stored in a door section, one (1) set of 000-B17-0047 (Kit, T-3 Trayslides, Pair) must be ordered.

For example, if you need to hold five (5) – 12”x20” pans in the bottom half of a door section, you must buy one (1) - 000-B17-0048 (Kit, T-3 Spacers) and five (5) - 000-B17-0047 (Kit, T-3 Trayslides, Pair).

Part: 000-B17-0047  
 Desc: KIT, T-3 TRAYSLIDES, PAIR

COMPONENT PARTS	DESCRIPTION	QTY
117-AGE-0037	TRAYSLIDE, T3	2.0000

Part: 000-B17-0048  
 Desc: KIT, T-3 SPACERS

COMPONENT PARTS	DESCRIPTION	QTY
119-AEO-0042	SPACER, 1.83", TRAYS, RT	1.0000
119-AEO-0043	SPACER, 1.83", TRAYS, LT	1.0000

#### 4.2.4 – T-4C & T-4S RACK SLIDES BOM

The T-4 rack slide system is available with either chrome (000-B17-0049) or stainless steel (000-B17-0050) racks.

To install a full section T-4 rack slide system, two (2) - 000-B17-0049 (Kit, T-4C Trayrack, Chrome) or two (2) - 000-B17-0050 (Kit, T-4S Trayrack, S/S) must be ordered. For a half section, only one (1) of either kit must be ordered.

For example, if you need to hold eleven (11) – 18”x26” pans in a full door section, you must buy either two (2) - 000-B17-0049 (Kit, T-4C Trayrack, Chrome) or two (2) - 000-B17-0050 (Kit, T-4S Trayrack, S/S).

Part: 000-B17-0049  
 Desc: KIT, T-4C TRAYRACK, **CHROME**

COMPONENT PARTS	DESCRIPTION	QTY
119-AEO-0038	SPACER, 2.44", TRAYS, RT	1.0000
119-AEO-0039	SPACER, 2.44", TRAYS, LT	1.0000
119-ALA-0030	BRACE, TRAYRACK, BOTTOM	2.0000
119-ALA-0031	BRACE, TRAYRACK, TOP	2.0000
3978108	TRAYRACK, WIRE, CHROME	2.0000
9321039	NUT, 3/8-16, HEX	8.0000
9321445	SCREW, 3/8-16, TRAY RACK	8.0000

Part: 000-B17-0050  
 Desc: KIT, T-4S TRAYRACK, **S/S**

COMPONENT PARTS	DESCRIPTION	QTY
119-AEO-0038	SPACER, 2.44", TRAYS, RT	1.0000
119-AEO-0039	SPACER, 2.44", TRAYS, LT	1.0000
119-ALA-0030	BRACE, TRAYRACK, BOTTOM	2.0000
119-ALA-0031	BRACE, TRAYRACK, TOP	2.0000
3978111	TRAYRACK, WIRE, S/S	2.0000
9321039	NUT, 3/8-16, HEX	8.0000
9321445	SCREW, 3/8-16, TRAY RACK	8.0000

#### 4.2.5 – T-5C & T-5S RACK SLIDES BOM

The T-5 rack slide system is available with either chrome (000-B17-0051) or stainless steel (000-B17-0052) racks.

To install a full section T-5 rack slide system, two (2) - 000-B17-0051 (Kit, T-5C Trayrack, Chrome) or two (2) - 000-B17-0052 (Kit, T-5S Trayrack, S/S) must be ordered. For a half section, only one (1) of either kit must be ordered.

For example, if you need to hold nine (9) – 12”x20” pans in a full door section, you must buy either two (2) - 000-B17-0051 (Kit, T-5C Trayrack, Chrome) or two (2) - 000-B17-0052 (Kit, T-5S Trayrack, S/S).

Part: 000-B17-0051  
 Desc: KIT, T-5C TRAYRACK, **CHROME**

COMPONENT PARTS	DESCRIPTION	QTY
119-ALA-0030	BRACE, TRAYRACK, BOTTOM	2.0000
119-ALA-0031	BRACE, TRAYRACK, TOP	2.0000
3978108	TRAYRACK, WIRE, CHROME	2.0000
9321039	NUT, 3/8-16, HEX	8.0000
9321445	SCREW, 3/8-16, TRAY RACK	8.0000

Part: 000-B17-0052  
 Desc: KIT, T-5S TRAYRACK, **S/S**

COMPONENT PARTS	DESCRIPTION	QTY
119-ALA-0030	BRACE, TRAYRACK, BOTTOM	2.0000
119-ALA-0031	BRACE, TRAYRACK, TOP	2.0000
3978111	TRAYRACK, WIRE, S/S	2.0000
9321039	NUT, 3/8-16, HEX	8.0000
9321445	SCREW, 3/8-16, TRAY RACK	8.0000

#### 4.2.6 – T-6 TRAY SLIDES BOM

To install a full section T-6 tray slide system, two (2) - 000-B17-0054 (Kit, T-6 Spacers) must be ordered. For a half section, only one (1) - 000-B17-0054 kit must be ordered.

For each pan to be stored in a door section, one (1) set of 000-B17-0053 (Kit, T-6 Trayslides, Pair) must be ordered.

For example, if you need to hold 6 – 18”x26” pans in the bottom half of a door section, you must buy one (1) - 000-B17-0054 (Kit, T-6 Spacers) and six (6) - 000-B17-0053 (Kit, T-6 Trayslides, Pair).

Part: 000-B17-0053  
 Desc: KIT, T-6 TRAYSLIDES, PAIR

COMPONENT PARTS	DESCRIPTION	QTY
117-AGE-0032	TRAYSLIDE	2.0000

Part: 000-B17-0054  
 Desc: KIT, T-6 SPACERS

COMPONENT PARTS	DESCRIPTION	QTY
119-AEO-0038	SPACER, 2.44", TRAYS, RT	2.0000
119-AEO-0039	SPACER, 2.44", TRAYS, LT	2.0000

### 4.2.7 – T-7 TRAY SLIDES BOM

To install a full section T-7 tray slide system, two (2) - 000-B17-0056 (Kit, T-7 Spacers) must be ordered. For a half section, only one (1) - 000-B17-0056 kit must be ordered.

For each pan to be stored in a door section, one (1) set of 000-B17-0055 (Kit, T-7 Trayslides, Pair) must be ordered.

For example, if you need to hold five (5) – 12”x20” pans in the bottom half of a door section, you must buy one (1) - 000-B17-0056 (Kit, T-7 Spacers) and five (5) - 000-B17-0055 (Kit, T-7 Trayslides, Pair).

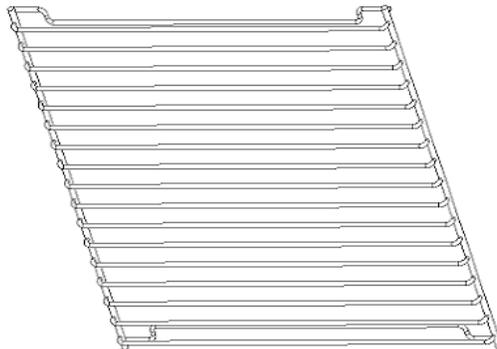
Part: 000-B17-0055		
Desc: KIT, T-7 TRAYSLIDES, PAIR		
COMPONENT PARTS	DESCRIPTION	QTY
117-AGE-0032	TRAYSLIDE	2.0000
Part: 000-B17-0056		
Desc: KIT, T-7 SPACERS		
COMPONENT PARTS	DESCRIPTION	QTY
119-AEO-0042	SPACER, 1.83", TRAYS, RT	1.0000
119-AEO-0043	SPACER, 1.83", TRAYS, LT	1.0000

## 4.3 Glossary

This section gives a description of each part that is supplied in a Delfield rack or tray slide system.

### 4.3.1 Rack Slide

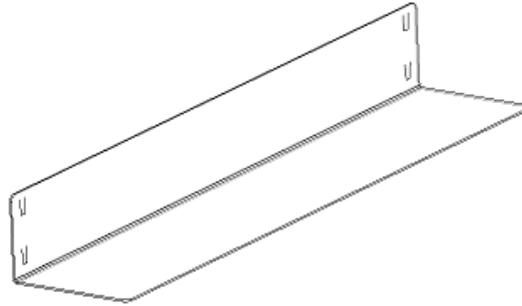
A Rack Slide is used to support multiple pans by the edge of the pan. A Rack Slide is made of heavy gauge metal wire, welded together to form slots. Rack Slides are available in either Chrome or Stainless Steel.



4.3.1-1 – A Rack Slide

### 4.3.2 Tray Slide

A Tray Slide is designed to support one pan. Some Tray slides support pans by the pan bottom; others give support on the edge of the pan. A Tray Slide is generally formed from 14-gauge stainless steel sheet metal. Tray slides can be in a “C” shape or an “L” shape.

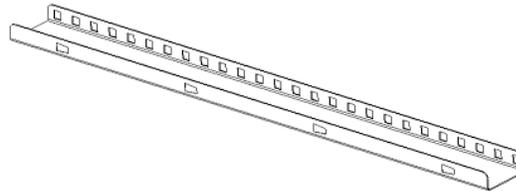


4.3.2-1 – A Tray Slide

### 4.3.3 Spacer

A Spacer is designed to shift the pan support points closer together. A spacer is a formed stainless steel channel, with tabs on one-side and cutout openings on the opposite side.

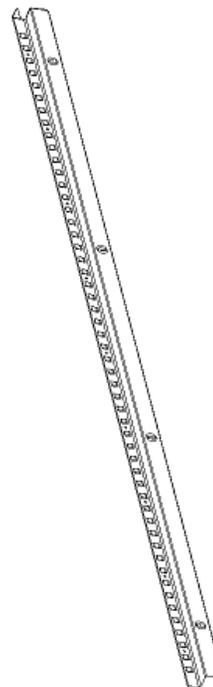
By using a rack slide or tray slide system with a spacer, the same system can be changed to hold a different size pan. An example of this is found with the T-4 and T-5 rack slides. The difference between the two systems is the use of a spacer on the T-4 system. Spacers allow the same racks to hold different pans.



4.3.3-1 – A Spacer

### 4.3.4 Pilaster

A Pilaster is mounted to the sides of each door section and is used to support a spacer, tray slide or a rack slide. There are four (4) pilasters in each door section. There are two (2) on each side (one (1) in the front, and one (1) in the back). The pilasters are a part of the cabinet, and not part of any tray slide or rack slide kit.

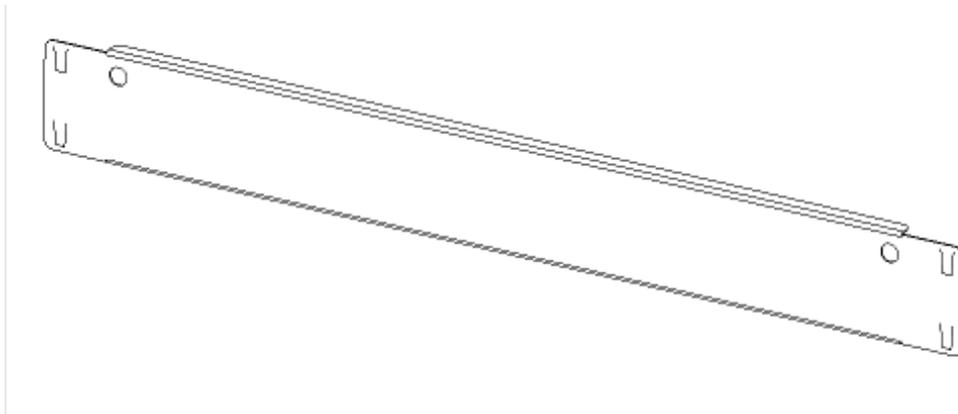


4.3.4-1 – A pilaster

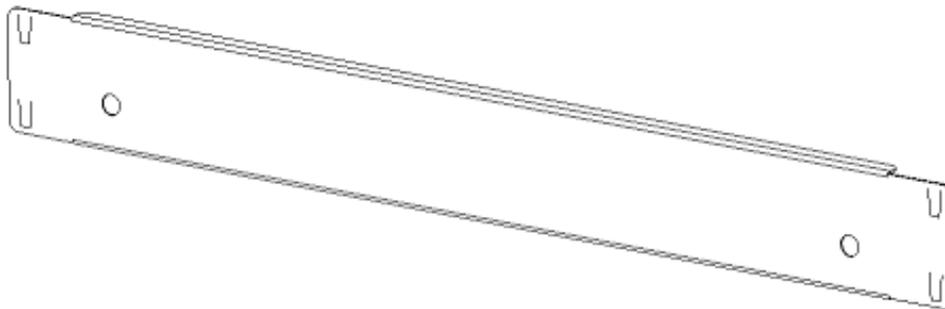
### 4.3.5 Mounting Plate (Top & Bottom)

Mounting plates are used to position the rack slides. The mounting plate bridges the space between the front and back spacers/pilasters. There are two tabs on each side to mount to the spacers/pilasters. Pictures of the two (2) different mounting plates are found below.

There are two (2) types of mounting plates, top and bottom. To distinguish between the two, hold the mounting plate with the tabs pointing downward and look for the location of the holes (or weld nuts). If the holes are near the top of the plate (similar to Figure 4.3.5-1), it is a top mounting plate. If the holes are near the bottom (similar to Figure 4.3.5-2), it is a bottom mounting plate.



**4.3.5-1** – A Top Mounting Plate (For Rack Slide Systems)



**4.3.5-2** – A Bottom Mounting Plate (For Rack Slide Systems)

#### 4.4 Measurements for Service

Several measurements are important for a correct installation of a rack and tray slide for a Delfield Meridian and Supremacy upright refrigerator/freezer. This section discusses those measurements and gives the appropriate values. As a base measurement, the nominal distance between the pilaster faces is 23.20”

The following table gives the distance from one side to the other. The chart details the system name, number of sides with spacers (if necessary), the spacer width (if necessary), where the measurement is made, and what the measurement should be.

The measurement types are as follows:

- P – P Pilaster to Pilaster
- P – S Pilaster to Spacer
- S – S Spacer to Spacer

General Information			Measurement Type	Distance Between (inch)
System Name	Spacer Sides Per Door Sect.	Spacer Width		
T-1	2	2.44	S - S	18 5/16
T-2	-	-	P - P	23 3/16
T-3	1	2.20	P - S	21
T-4	1	2.44	P - S	20 12/16
T-5	-	-	P - P	23 3/16
T-6	2	2.44	S - S	18 5/16
T-7	1	2.20	P - S	21

For example, if a T-4 rack slide system has been installed, the distance between the (P)ilaster and (S)pacers should be 21”. The distance from (P)ilaster to (P)ilaster is 23.20”. These measurements are shown in the illustration (Figure 4.4-1).

