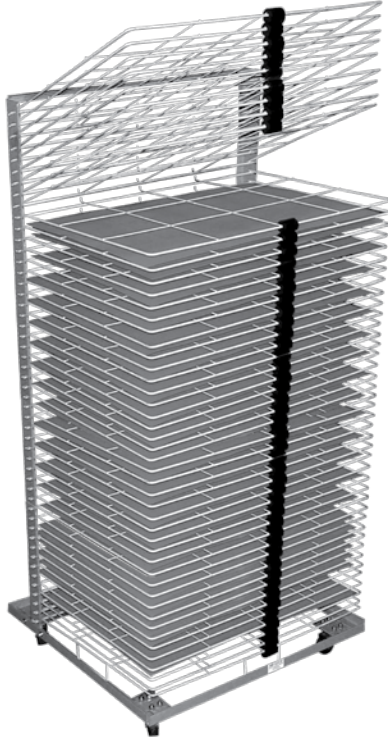


# RACK-IT™ SERIES

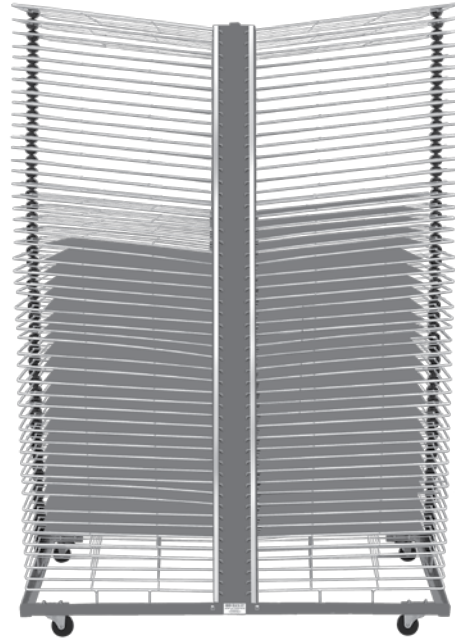
**A Full Line of Drying and Storage Racks**

*For Screen Printing, Industrial and Educational Applications*



**Single-Shelf Models**

**DR-24-40A, DR-24-50, DR-26-40, DR-26-50**



**Dual-Shelf Models**

**DR-24-80, DR-24-100**

## **Assembly & Instruction Manual**

### **PORT-O-RACK™ MODELS:**

**DR-24-40A**

**DR-26-40**

**DR-24-80**

**DR-24-50**

**DR-26-50**

**DR-24-100**



*Manufactured by*

**A.W.T. World Trade Inc.**

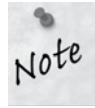
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*Moving Ahead with Technology*

Congratulations on your purchasing of an A.W.T. Rack-It™ Specialty Drying Rack. It will provide you many years of continuous service.

Your new RACK-IT™ Drying and Storage Rack features include:

- All-steel welded components
- A rust-resistant, solvent-resistant, powder-coated finish
- Heavy-duty steel ball-bearing casters
- Easy-to-adjust shelves, spaced for maximum solvent evaporation



**If your shipment arrives damaged (either visible or concealed) or there is a shortage, it must be reported to the ground parcel service for inspection within three (3) days or your claim will be denied. In the event that the claim is denied, we will still expect full payment of the invoice from you.**

**Do not discard any packaging materials until the product is assembled and working properly.**

## COMPONENTS & PARTS

Before beginning installation, please be sure you have identified all the Rack-It assembly parts and verify that you have the correct quantities for your model, as outlined in the

chart below. Refer to Figure 1, page 3 for help in identifying the parts. Note that screws, washers, nuts and bumpers are in small packages.

Diagram No.	Description	DR-24-40A		DR-24-50		DR-26-40		DR-26-50		DR-24-80		DR-24-100	
		Part No.	Quantity	Part No.	Quantity	Part No.	Quantity	Part No.	Quantity	Part No.	Quantity	Part No.	Quantity
1	Upright	RUP-2440A	1	RUP-2450	1	RUP-2640	1	RUP-2650	1	RUP-2480	1	RUP-24100	1
2	Base	RBA-2440A	1	RBA-2450	1	RBA-2640	1	RBA-2650	1	RBA-2480	1	RBA-24100	1
3	Floating lock strip	RFB-2440A	1	RFB-2450	1	RFB-2640	1	RFB-2650	1	RFB-2480	2	RFB-24100	2
4	Plate caster	RCA-1	4	RCA-1	4	RCA-1	4	RCA-1	4	RCA-1	4	RCA-1	4
5	Standard shelf	RSH-2440A	39	RSH-2450	49	RSH-2640	39	RSH-2650	49	RSH-2480	78	RSH-24100	98
6	Bottom shelf with riser	RSHB-2440A	1	RSHB-2450	1	RSHB-2640	1	RSHB-2650	1	RSHB-2480	2	RSHB-24100	2
7	Rubber bumpers*	EB-40A	40	EB-50	50	EB-40A	40	EB-50	50	EB-80	80	EB-100	100
8	3/16" 20 x 3/4" panhead screw	RPS-24	20	RPS-2	20	RPS-2	20	RPS-2	20	RPS-2	20	RPS-2	20
9	Lock washer	RLW-24	20	RLW-2	20	RLW-2	20	RLW-2	20	RLW-2	20	RLW-2	20
10	3/16" 20 nut	RPN-24	20	RPN-2	20	RPN-2	20	RPN-2	20	RPN-2	20	RPN-2	20
11	#6 panhead self-tapping screw	RPS6-24	8	RPS6-2	9	RPS6-2	8	RPS6-2	9	RPS6-2	16	RPS6-2	18

\* You may order an additional set of bumpers. For recommended installation, see Figure 8, page 6.



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**PARTS DIAGRAM**

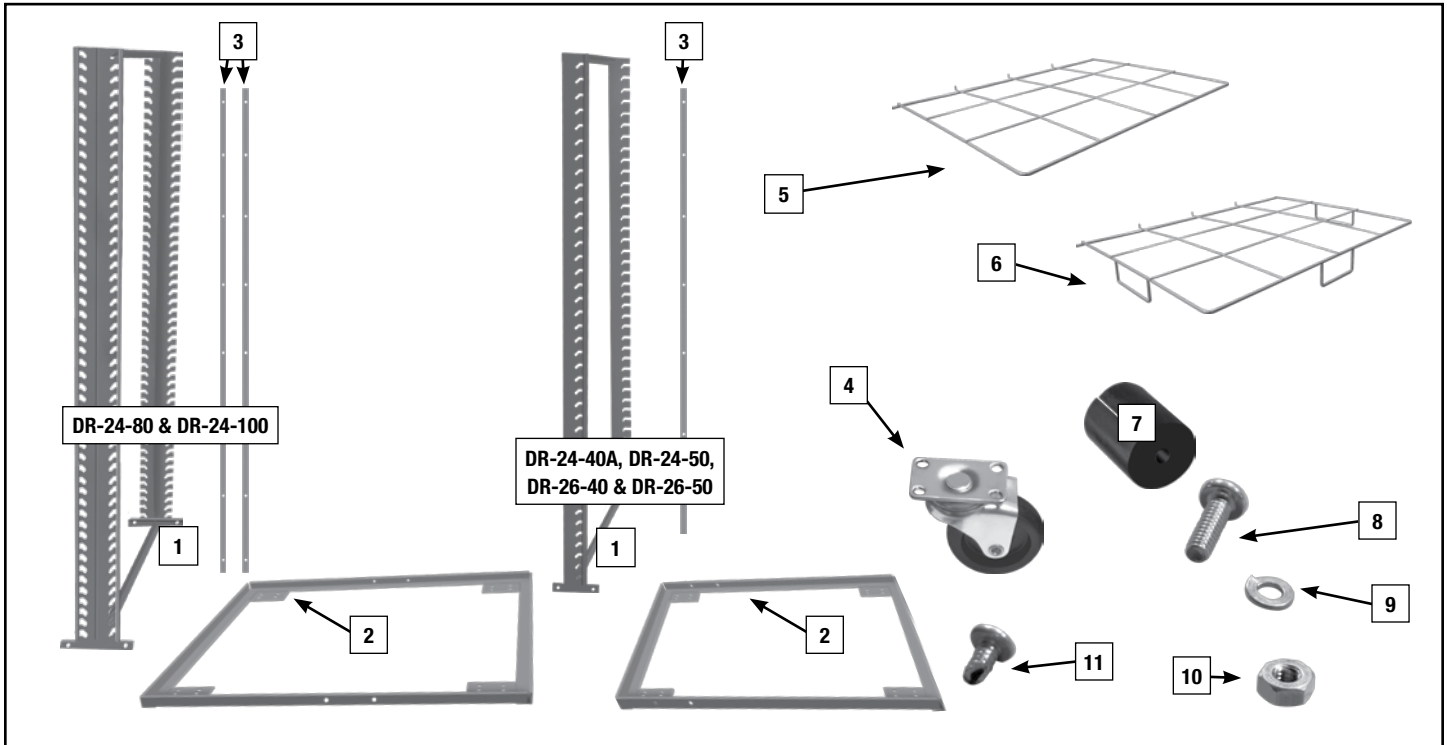


Figure 1. Components included with drying/storage rack—numbers correspond to line on Components & Parts chart, page 2 (parts not shown to scale).

**ASSEMBLY INSTRUCTIONS**

**OVERVIEW**

Assembly procedures for the Rack-It Series models covered by this instruction manual are very similar, varying primarily in the number of components. The Components & Parts chart on page 2 will guide you on the number of pieces required for your particular model. Where required for clarity, these instructions will differentiate between models.

Models DR-24-40A, DR-24-50, DR-26-40 and DR-26-50 feature a single column of shelves. Models DR-24-80 and DR-24-100 include two columns of shelves, mounted back-to-back. A completed Rack-It assembly is pictured in Figure 8, page 6.

For ease of assembly, we recommend that you first unpack all parts, identify the components required for your assembly and spread them out so they will be readily accessible.

**INSTALLING CASTERS**

**Components:** 1 base and 4 casters

**Parts:** 16 panhead machine screws, 16 lock washers and 16 nuts

Turn the base upside down (the lip of the base facing down). Install each castor with four machine screws, four (4) lock washers and four nuts. Machine screw heads should be on the castor side of assembly to allow casters to move freely (Figure 2).

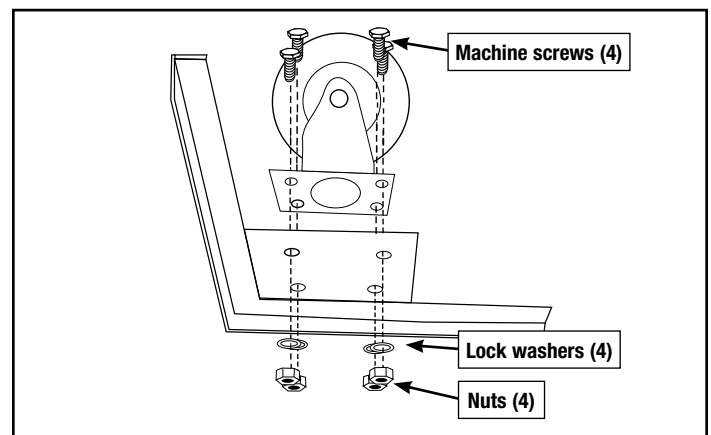


Figure 2. Attach casters to base (shown upside down for installation).



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### ATTACHING UPRIGHT TO BASE

**Components:** Base and upright frame

**Parts:** 4 machine screws, 4 lock washers and 4 nuts

Turn the base back right side up (with the casters on the bottom). Align the holes in the mounting brackets of the frame with the upright mounting holes on the base (Figures 3 & 4) and attach using four machine screws, four lock washers and four nuts. Screw heads should be to the outside and the lock washers and nuts to the inside. The upright mounts at the rear of the frame for models DR-24-40A, DR-24-50, DR-26-40 and DR-26-50 (Figure 3) and at the center of the frame for models DR-24-80 and DR-24-100 (Figure 4).

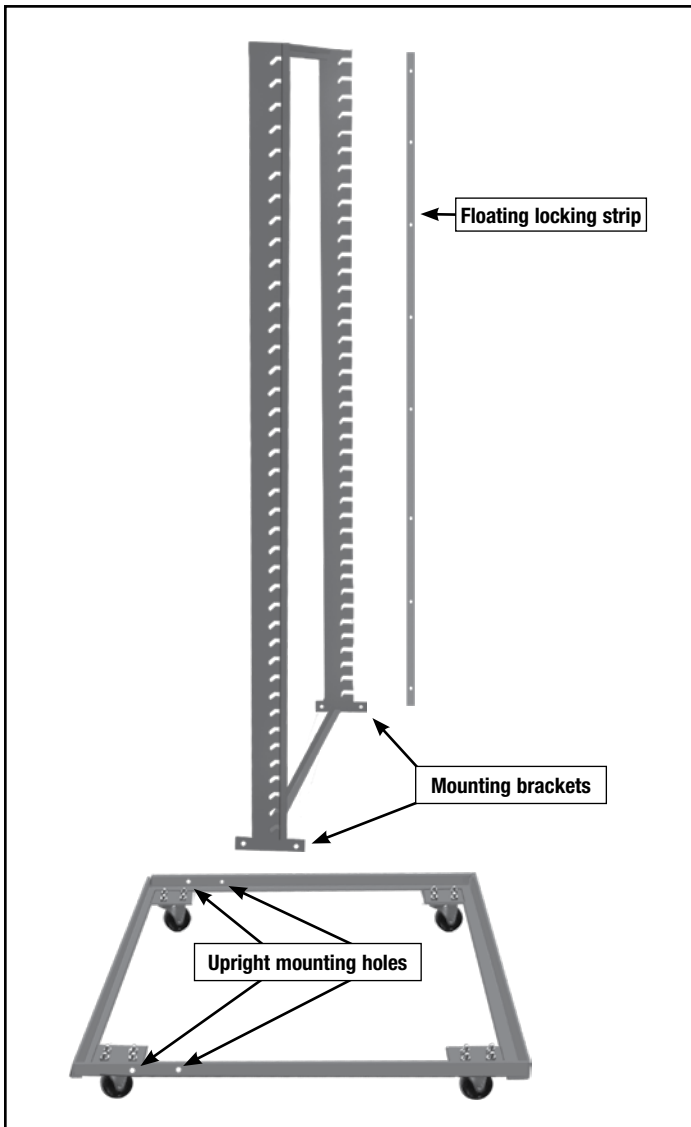


Figure 3. Attach upright to base; side of upright with welded lock strip is in foreground (Models DR-24-40A, DR-24-50, DR-26-40 and DR-26-50)

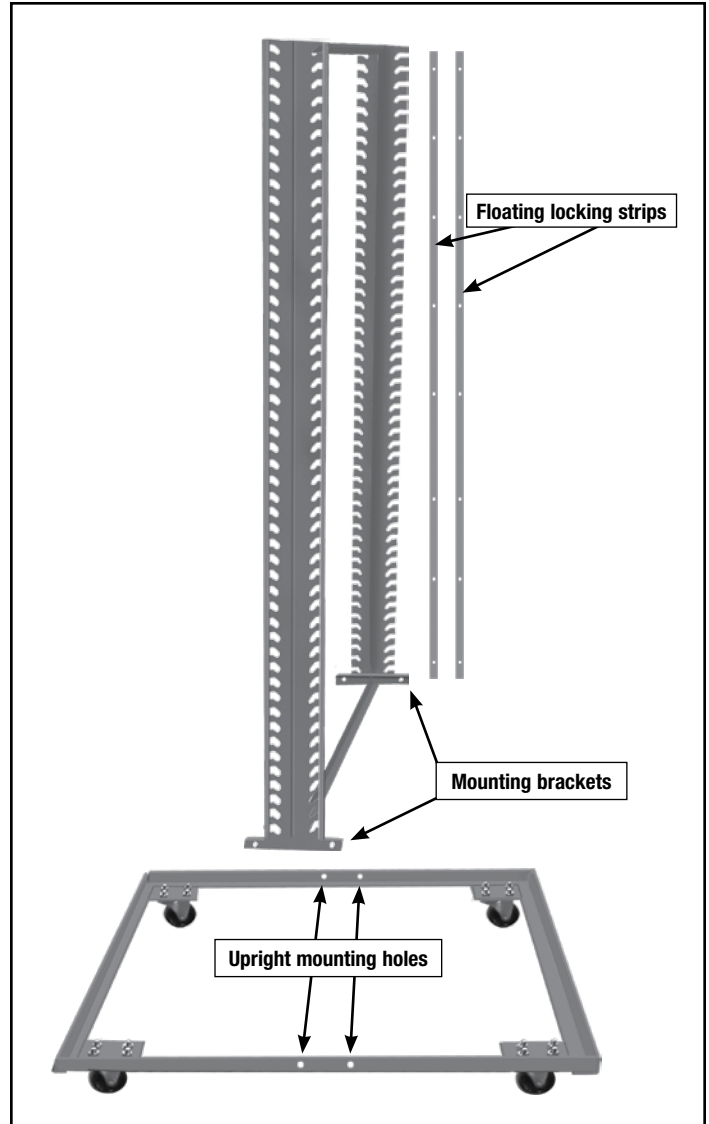


Figure 4. Attach upright to base; side of upright with welded lock strips is in foreground (Models DR-24-80 and DR-24-100)

### INSTALLING SHELVES

**Components:** Bottom shelf (riser), standard shelf (see chart page 2 for quantities)

**Parts:** Floating lock strip(s), rubber bumpers and #6 self-tapping pan head screws (see chart page 2 for quantities)

#### Overview

The bottom and standard Rack-It shelves include two mounting nubs that extend out from the rear of each shelf (Figures 5 & 6, page 5). Each shelf also has backstop wires that must extend upward to keep the material from slipping off the shelf when it is in the open position.

The nubs slip easily into slots on the upright. Each upright has a shelf locking strip welded on one side to keep



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the shelves in place after they are installed. A floating locking strip(s) is installed with the self-tapping screws on the other side once all the shelves are installed. A fully assembled Rack-It is pictured in Figure 8 (page 6).

**Note** Models DR-24-80 and DR-24-100 have two columns of shelves. These instructions should be repeated for the second column.

**Installation**

1. Holding the bottom shelf (Figure 5) at an angle with the risers extending downward, slip the mounting nub into the slot on the side of the upright with the welded locking strip (Figure 7). Slip the mounting nub on the other side into its corresponding slot.

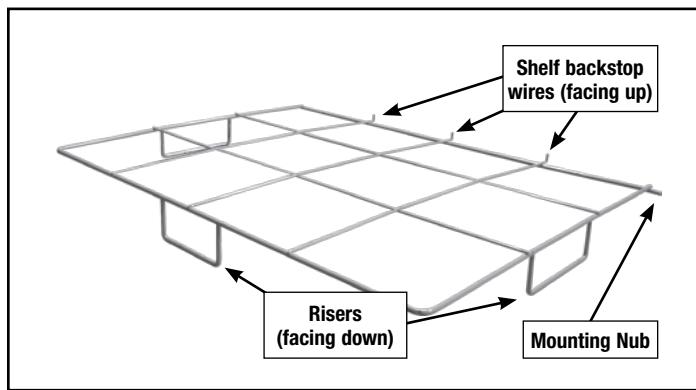


Figure 5. Install bottom shelf with risers facing down.

2. Follow the same procedure for each of the standard shelves (Figure 6), working up from the bottom. Be sure all backstop wires are extending upward.

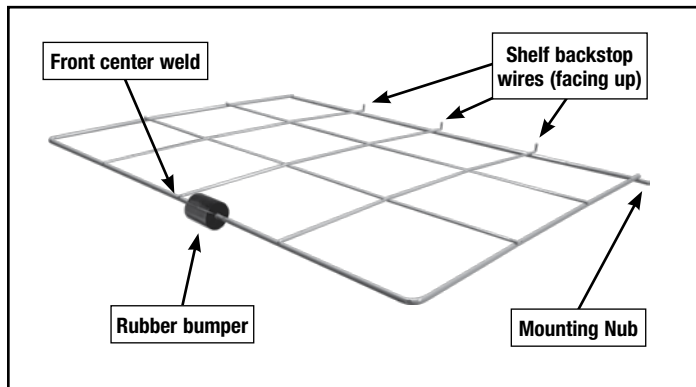


Figure 6. Install Standard shelves with backstop wires facing up (pictured with bumper, which is usually installed after all shelves are in place).

3. After all shelves are in place, attach the floating locking strip (Figures 3 & 4, page 4) to the open side of the upright with the self-tapping screws. This will prevent the shelves from falling out.

4. Snap one rubber bumper to the front of each shelf to the left or right of the shelf center weld (Figure 6), including the bottom shelf. Install all bumpers in the same position and align them above one another so the shelves remain level to the base.

**Note** If you ordered an additional set of rubber bumpers, Figure 8 (page 6) shows a completed Rack-It and the recommended placement of the bumpers when using two sets.

Your rack is now assembled and ready for use.

**OPERATION**

To prepare the rack for loading, lift all the shelves upward, beginning with the top shelf. To raise a shelf, hold it by the bumper, lift it gently and slide it backward so the mounting nubs slip down into the slot (Figure 7). Work your way to the bottom.

**Note** Do not lift the bottom (riser) shelf; it always remains horizontal.

Load material on the bottom shelf first. Working upward, pull the next shelf forward and down. Continue this step until all shelves are loaded and in the down position. Unused shelves may remain in the up position.

To unload shelves begin at the top and, working down, remove the substrate and lift each shelf into the up position.

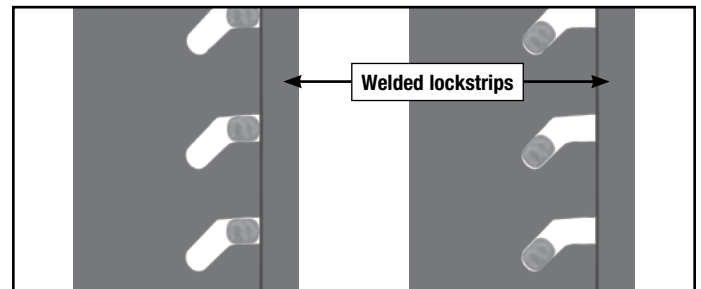


Figure 7. Position of mounting nubs with shelves down (loaded), left, and up (open), right. (Pictured are detailed views of two single-shelf uprights.)

Figure 8 (page 6) shows the shelves in both the loaded and unloaded positions.



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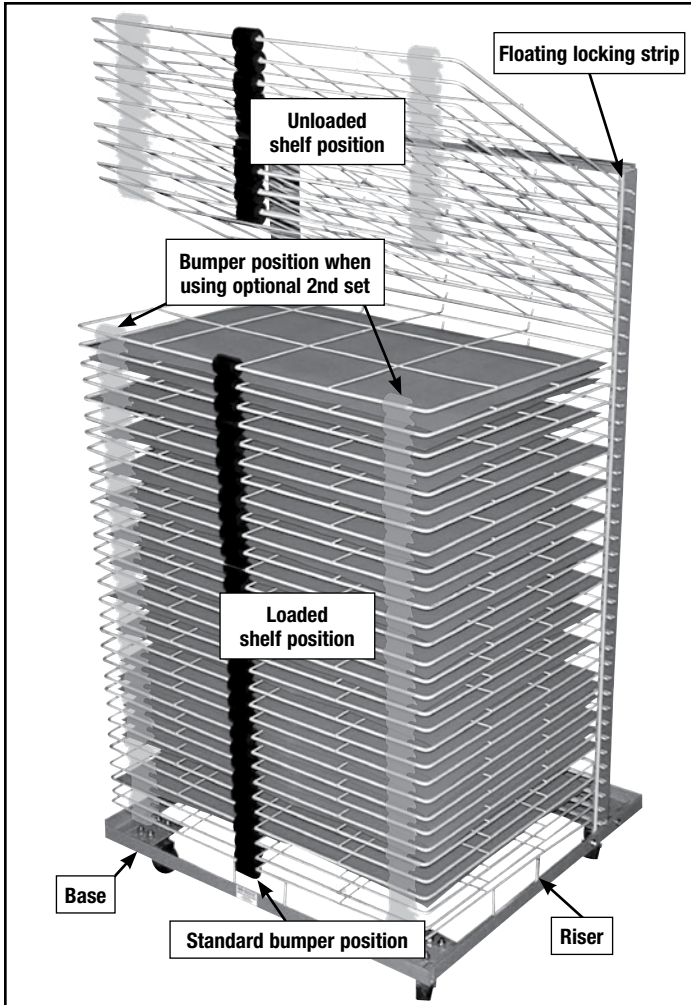


Figure 8. Shelves shown in loaded and unloaded positions.

**Limited Warranty**

A.W.T. equipment is warranted against defects in workmanship and materials for a period of one (1) year from the shipping date of the equipment from A.W.T. World Trade, Chicago, IL 60641. Warranty is not included for any product that remains unpaid for according to the Sales Agreement/Quotation conditions.

A.W.T.'s warranty does not provide for failure of parts or components resulting from misuse or lack of maintenance. A.W.T. is not responsible for installation or replacement of any defective part or its replacement. Service labor, travel cost, and sustenance charges are the responsibility of the customer on all defective parts. Removal or installation, if requested, is billed at the prevailing service rates. Any part determined to be defective, in workmanship and material, under this limited warranty period will be repaired or replaced, at our option, without charge, when returned **within 30 days from the date the Return Authorization was issued**. A.W.T. and Graphic Parts International are not obligated to pay freight costs. Customers must obtain a return authorization number from our Customer Service Department or Service Manager before returning any defective part. The consumer must return parts via prepaid postage or prepaid freight to the following address:

**A.W.T. World Trade Inc.**  
**Attn: Returns**  
**4321 N. Knox Avenue**  
**Chicago, IL 60641 USA**

Consequential damages, lost time, material loss, inconvenience or contingent liabilities are not covered by this warranty. We specifically make no other warranties, expressed or implied, other than the above Limited Warranty.

**SPECIFICATIONS**

MODEL NO.	DESCRIPTION	SHELVES	SHELF SIZE	SHIPPING WEIGHT
DR-24-40A	Port-0-Rack	40	18" x 24"	72 lbs.
DR-24-50	Port-0-Rack	50	18" x 24"	84 lbs.
DR-24-80	Port-0-Rack	80	18" x 24"	126 lbs.
DR-24-100	Port-0-Rack	100	18" x 24"	163 lbs.
DR-26-40	Port-0-Rack	40	20" x 26"	86 lbs.
DR-26-50	Port-0-Rack	50	20" x 26"	89 lbs.



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