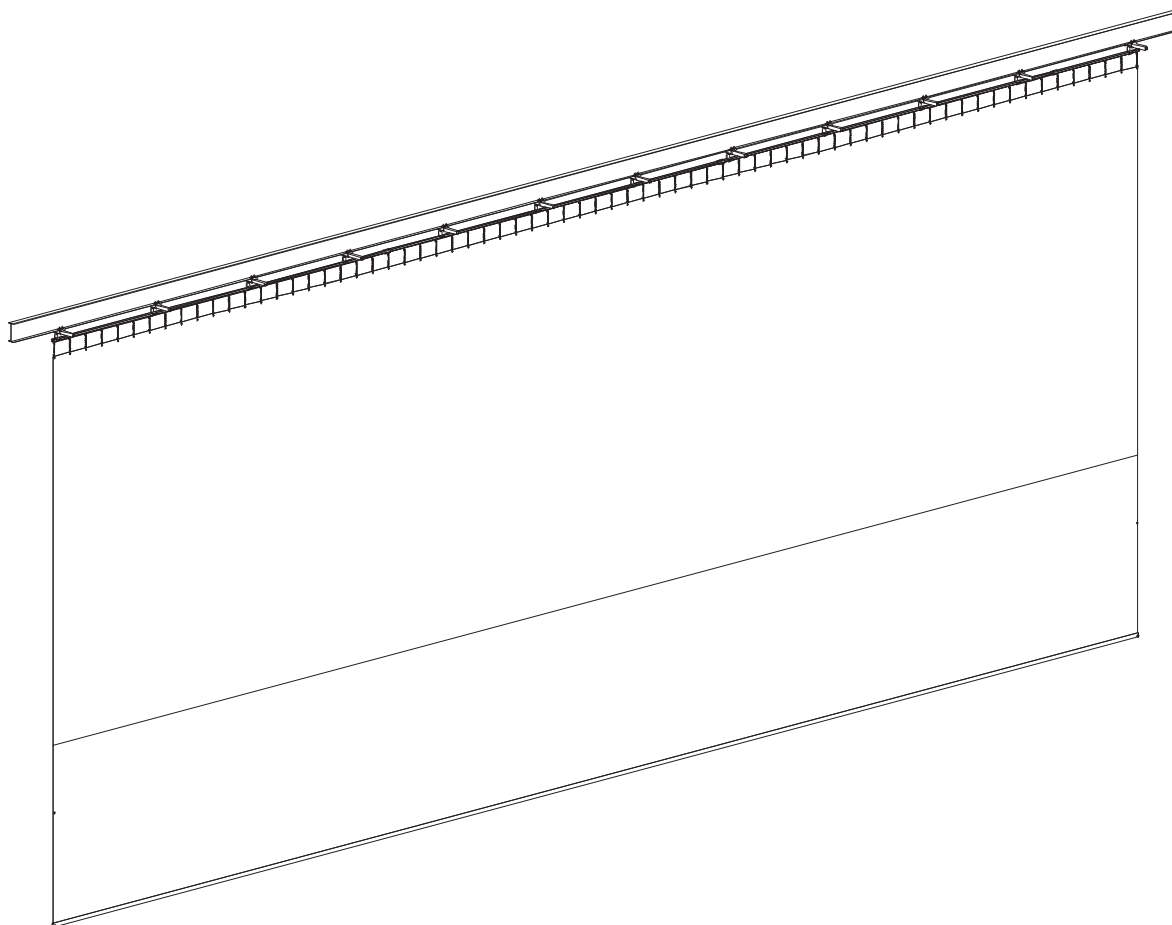


WALK DRAW DIVIDER CURTAIN

No. 640



Porter®

Installation, Operation, and Maintenance Manual

SAVE THESE INSTRUCTIONS FOR FUTURE USE



INSTRUCTIONS: Dealer and/or Installation Supervisor,
Please give this book to the Owner/Customer

GUARANTEE

All materials and workmanship of basic materials are guaranteed to be free and clear of defects. Defective material will be repaired or replaced, at our option, subsequent to complete information being received by us concerning the nature of the defect for a period of one year from the date established by the certificate of occupancy or certificate of substantial completion, whichever shall occur first or otherwise documented and signed by an officer of Porter Athletic, Inc.

NAME OF PROJECT:	

NAME OF DEALER:	NAME OF INSTALLATION COMPANY:
PHONE #:	PHONE #:

Porter Order Number _____

Date of Scheduled Shipment _____

Date of Substantial Completion _____

The gymnasium equipment for this project has been custom fabricated according to the Owner's/Architect's specification. Care has been taken to fabricate and install this equipment to provide years of safe, satisfactory use and trouble free service.

The key to satisfactory service is proper operation and care. Should any malfunctions occur, please notify your supervisor and call your local Porter Dealer or Representative.

LIABILITY

Liability is not only an issue with the installation and maintenance of this product, but also extends to the proper operation by the end user. The operational instructions must be read and understood before operating this equipment!

This model No. 640 curtain manual, which provides explicit examples of a variation of overhead attachments, is meant to serve as a general guideline only for the safe installation of this product. Variables must be taken into consideration which are outside of Porter's control, including, but not limited to, steel joist variations which include splice plate interference, web panel point attachments if specified by the Architect, conduit interference, HVAC and sprinkler interference, non-grouted cells of block walls, spacing and frequency of wall ties, appropriate selection of wall anchors for the given wall composition, proper installation of said anchors, embed depth of the anchors, etc. It is Porter's explicit requirement this product be installed in a safe and secure manner. Any structural deviation from Porter installation drawings without written authorization will void all warranties. Contact the factory immediately should such a condition exist, necessitating a design revision. All anchor and fastening methodology is to comply with the International Conference of Building Officials (ICBO), the Uniform Building Code (UBC), the Industrial Fastener Institute (IFI), and all state regulatory agencies, such as The Division of the State Architect (DSA) in California.

General Hardware Guidelines

- Do not substitute hardware without written authorization from the factory.
- Minimum Grade 5 hardware is to be utilized at all attachments, unless specified otherwise. Refer to the specific part drawing bill of material list in this manual for the proper grade of hardware.
- On eyebolt applications, a turned eye is not acceptable. Utilize forged eyebolts or, if necessary, a turned eye that is welded closed.
- Do not substitute for the factory-supplied cable and cable clamps. The quality of the 1/8" cable and clamps can vary widely from different manufacturers, and are not all suited for curtain applications.



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MODEL NO. 640 WALK DRAW DIVIDER CURTAIN MANUAL OVERVIEW

WARNING

READ ALL INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT.

FAILURE TO COMPLY WITH THE FOLLOWING INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURIES AND/OR PROPERTY DAMAGE.

This manual has been prepared to assist you with the installation, operation and maintenance of the 640 Divider Curtain.

Enclosed in this manual is an inspection list for your equipment, including operational information.

We recommend that you read this manual to become familiar with the operation of the 640 Divider Curtain, and then assign it to the person responsible for the maintenance and inspection program. If you need additional copies of this manual, please let us know.

The safest equipment can be damaged when used by the untrained. We suggest that qualified personnel supervise all utilized equipment.

For ease of administering this maintenance program, we suggest that your equipment be numbered and a file maintained on its location, name of manufacturer, original item number, date of purchase, and maintenance performed. This will be useful when ordering replacement parts and keeping track of maintenance. Defective equipment must be marked **“DO NOT USE”** until replacement or repairs are completed.

Inspections should be performed periodically, depending upon the nature of the equipment and its use. When the equipment is exposed to heavy use, special inspections should be made in addition to the normal maintenance program. At minimum, a yearly inspection of the system is recommended.

Any structural and/or electrical deviation from the Porter installation manuals and drawings, without written authorization, will void all warranties.

MODEL NO. 640 WALK DRAW DIVIDER CURTAIN OPERATIONAL INSTRUCTIONS

WARNING

The 640 Divider Curtain is to be operated only by qualified personnel to avoid structural damage or possible injury to the operator and other individuals in the gymnasium.

Caution should be exerted at all times for safety reasons, keeping the following guidelines in mind:

- **ONLY** authorized, **TRAINED** personnel are to operate the 640 Divider Curtain. Authorized personnel is defined as an individual (or individuals) who is at least 21 years of age, has witnessed the proper operation of the unit, and is sanctioned by the facility as being responsible for the operation of the divider curtain.
- Always make sure the area below the divider curtain and in the path of travel is clear of all individuals when moving the unit.
- It is critical the operator visually monitor the area around the curtain through the entire movement cycle, making certain no one is at or near the curtain travel.

Again the safest equipment can be damaged when used by the untrained. It is imperative the procedures set forth in this manual are strictly observed.

MODEL NO. 640 MAINTENANCE CHECK LIST

The 640 Divider Curtain is designed to operate for many years without any significant service performed. Depending upon the usage of the unit, it is recommended that at least an annual inspection be made, at which time the following steps should be taken:

1. GENERAL

Before inspecting, be certain to follow all OSHA guidelines concerning the use of scaffolds and lifts. The proximity of the scaffold or lift to the curtain must be of adequate distance to provide working clearance, so as not to have the curtain contact the lift during operational checks.

Check the walls in close proximity to the curtain for any type of protrusion that may interfere with the movement of the unit (i.e., new scoreboard, chinning bars, etc.).

2. CURTAIN TRACK (SUPERSTRUCTURE)

Inspect steel track to ensure that it has no cracks or bumps that will hinder the movement of the curtain. Make sure track is properly aligned, and adjust as necessary. Lubricate with spray silicon before using.

3. WHEELS AND SUPPORT BRACKETS

Inspect all wheel or track bracket variations to ensure that there are no crack and the wheels rotate properly, replace or lubricate as necessary.

4. TOP CURTAIN CONNECTIONS

Inspect all chain and "S" hook connections, making certain the hardware is all "closed."

5. FABRIC

Inspect the curtain for any tears or holes in the fabric. Additional fabric is supplied with the curtain, to be used for patching. Industrial vinyl cement will easily bond the vinyl patch to the curtain. Also, check the fabric for signs of tearing or loosening at the seams. Check grommets at all pull-up lines. The fabric may be cleaned with a mild solution of soap cleaner and water, or Power Foam sold by Rigmar Industries of Elk Grove Village, Illinois (1-800-323-0779).

6. CONTRACT MAINTENANCE ALTERNATE

In many facilities, it is possible that the maintenance personnel either do not have the ability or the scaffold to work at the heights required to perform the inspection and maintenance program outlined in this manual. Should your maintenance program be so limited that this program cannot be properly performed, it is highly recommended that a contract-type inspection/maintenance service program be initiated with a qualified and trained establishment in this type of equipment.

640 CURTAIN INSPECTION CHECKLIST

Please refer to page 7 for details on inspections.

This checklist is to assist you in your inspection program.

As you are making the inspection, enter "S" for satisfactory, or "R" for repair and replace.

INSPECT ALL ITEMS FOR EACH CURTAIN					
SUPERSTRUCTURE AND TRACK					
#1	#2	#3	#4	#5	#6
WHEELS OR SUPPORT BRACKETS					
#1	#2	#3	#4	#5	#6
TOP CURTAIN CONNECTIONS					
#1	#2	#3	#4	#5	#6
FABRIC					
#1	#2	#3	#4	#5	#6

INVENTORY AND INSPECTION

Inventory parts listed on the packing list to ensure parts required are accounted for. Inspect all components for possible shipping damage. Report any shortages to Porter's Customer Service Department immediately. On visible freight damage, sign as damaged, and file a freight damage claim with the carrier immediately. Failure to report shortages or hidden freight damage directly to Porter's Customer Service Department within three working days will place the financial burden for the missing or replacement parts with the installer or general contractor.

PREPARATION OF ASSEMBLY AREA

Moving the curtain after assembly is both difficult and awkward. For that reason, the assembly of the curtain should take place below or near the curtain overhead support location. The floor should be protected with a suitable material, covering the entire length of the curtain in the assembly area to prevent damage to the floor or curtain. In addition, the floor and the covering must be free of any debris generated from assembly procedures prior to fabric installation.

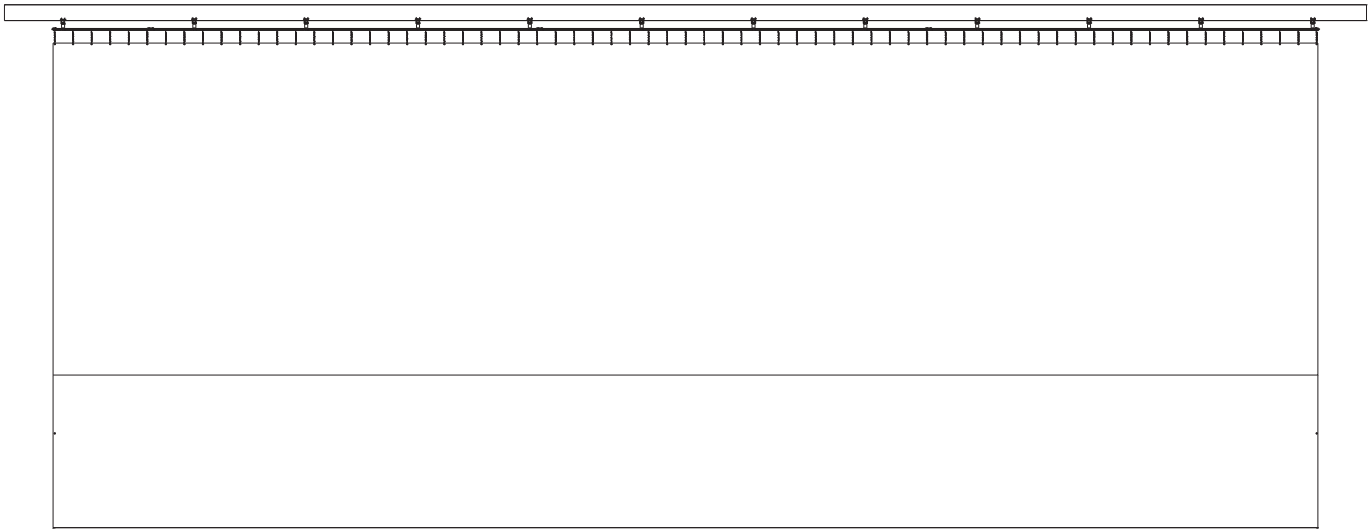
TOOLS / EQUIPMENT REQUIRED

To Be Provided by the Installer:

- Scaffold or Lift
- Hand tools, electric drill, drop cord, vise grip pliers, etc.
- Bolt Cutter
- Measuring tape, Laser Measuring Device
- Level, Plumb Bob, Laser Plumb
- Nico-Press Crimper "VM" Size
- "U" Type 1/8" Cable Clamps
- Nico-Press Checking Gauge — "Oval M" Size
- Ropes & Pulleys


MODEL NO. 640 WALK DRAW DIVIDER CURTAIN INSTALLATION INSTRUCTIONS

1. Open all boxes and cartons. Using the packing list provided, crosscheck items against it to ensure you have everything needed for installation. If a shortage occurs, contact PORTER Customer Service for assistance.
2. Be certain to verify the location of the curtain, per the architectural prints. If the curtain is to be located on a court centerline, be sure to consult with the architect's "Court Striping Plan." Failure to do so may result in relocating the curtain at the ***Installer's expense! This step is critical!***
3. Determine the exact position of divider curtain and mark the locations of each support along the beam and floor using a laser device or plumb bob in preparation of support assemblies.
4. Hang each track support fitting to structure as shown in project specific install print.
5. Hang track from track support fittings. Join track pieces together with supplied couplings.
6. Place roller bearings inside one end of track. Make sure four wheel rollers or four wheel pull rope trolley are on the ends of the series.



MODEL NO. 640 WALK DRAW DIVIDER CURTAIN INSTALLATION INSTRUCTIONS

7. Position track stops on track and secure with hardware provided.
8. Hang curtain from chains to roller assemblies in every grommet provided on top of curtain fabric.
9. Size chain to allow 3" from curtain to finished floor.
10. Crimp all s-hooks to secure curtain to rollers.
11. Test walk draw curtain for smooth operation.
12. Install tie back hook into wall if required to fix one end of curtain.
13. Demonstrate the operation of this unit to an individual at the site, who is responsible for the safe operation and maintenance of this equipment. Point out safety concerns. Go over each operational instruction in this manual, ensuring the individual is clear in understanding the forces developed by the model No. 640 divider curtain system, and the necessity of having only trained, authorized personnel operate this equipment. Provide additional vinyl material to the individual signing off on the installation of the curtain.

 **WARNING:** This product can expose you to Vinyl Chloride, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

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INSTALLER NOTES

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