

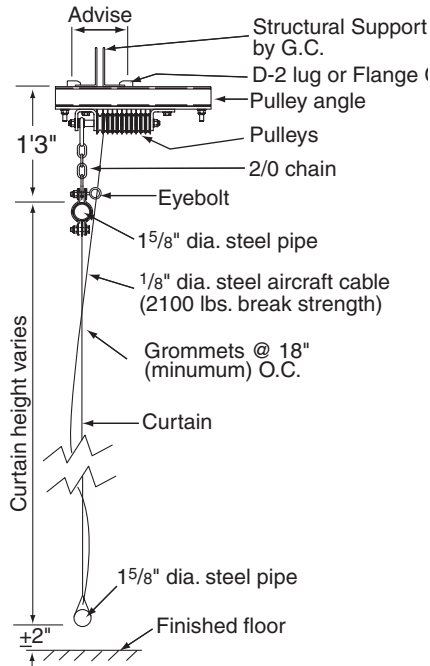
Ridge-Fold Gym Divider

Electrically Operated
Gym Divider Curtain

by

DRAPER

Section Drawing shown directly under continuous beam



Part of the Draper
EcoVision™ range
of products

Please Mark Appropriate Selections

Select Solid Vinyl Weight and Color

Specify Height of Vinyl _____

- 18 oz. (circle one)
- | | | | | | | |
|-------|-------------|--------------|--------|--------|------|--|
| White | Marine Blue | Forest Green | Yellow | Orange | | |
| Black | Red | Dark Blue | Maroon | Beige | Grey | |
- 22 oz. (circle one)
- | | | | | | |
|-----|-----------|------|--|--|--|
| Red | Dark Blue | Grey | | | |
|-----|-----------|------|--|--|--|

Select Mesh Color

- | | | | |
|-------|------|--------------------|--------|
| White | Red | Blue & Black Weave | Yellow |
| Black | Grey | | |

Specify Width

Opening Width: _____

Divider Curtain Width: _____

Specify Height

Height (floor to attachment): Low Point: _____ High Point: _____

Obstructions (clarify on page two in NOTES): _____

Building Structure Relation to Curtain

- Directly under continuous beam
- Between two beams. Distance between the beams: _____
Distance from curtain to beam: _____
- Right Angle to beams. Spacing between beams: _____

Building Structure for Curtain Support

Beam flange width: _____

Beam flange thickness: _____

Options for Ridge-Fold Divider

- Wireless remote control (see separate sheet)
- Smart Gym Wall Touch Pad Control (see separate sheet)

Considerations for Ridge-Fold Divider

Allow space for walking around the ends of the divider. A minimum of 6 inches of clearance is required between vertical edges and fixed objects.

Specifications

GENERAL: Gym Divider as shown on plans shall be Ridge-Fold as manufactured by Draper, Inc., Spiceland, Indiana. Bidder is responsible for verification of job conditions and dimensions. Gym divider shall be _____ wide x _____ high (low point) x _____ high (high point) and shall be in one continuous section. Gym divider shall utilize pivot joints to fold compactly into the approximate contour of the roof. By folding into the sloped structure of the roof, maximum clearance is achieved for competition beneath the divider.

CONSTRUCTION: Lower section of curtain shall be solid vinyl coated polyester (avg. [18 oz./22 oz.] per square yard). Flammability rated as self extinguishing by the California State Fire Code and Class A Rated in accordance with requirements of NFPA-101. All seams to be electronically welded with a 1" full contact weld. Outer edge hems shall be triple turned with double welds. Color shall be chosen from our standard offering.

Upper section of curtain shall be an average of 9 oz. per square yard vinyl coated polyester mesh. Flammability shall be rated as self extinguishing by the California State Fire Code and Class A Rated in accordance with requirements of NFPA-101. Color shall be chosen from standard offering. Use vinyl fabric in triple thickness and double welded to the top edge of mesh, to form a 6" wide pocket to accommodate a 1 5/8" diameter round batten for curtain support.

Draper 18 oz. Divider Curtain Vinyl and Divider Curtain Mesh has been submitted to IAQ (indoor air quality) evaluation using a GREENGUARD™ product evaluation protocol following the requirements of The GREENGUARD Environmental Institutes (GEI) Product Certification Program, ASTM Standard D5116 and the United States Environmental Protection Agency and modeled based on GEI requirements for a standard gymnasium loading and ASHRAE 62.1 – 2004 ventilation conditions. Material qualifies as low emitting and found to meet all of the requirements of the GREENGUARD for Children and Schools and GREENGUARD certification program which are emissions of total volatile organic compounds ≤ 0.22 mg/m3, formaldehyde ≤ 0.0135 ppm, total aldehydes ≤ 0.043 ppm, individual volatile organic compounds ≤ 1/1000 TLV and ≤ 1/2 chronic REL and total phthalates ≤ 0.01 mg/m3.

Curtain shall be hoisted by 1/8" diameter steel aircraft cable spaced maximum 10'0" on center. Each hoist line shall pass through grommets spaced a minimum of 18" on center vertically. Each hoist line shall terminate in the bottom pocket and be secured to bottom batten.

Hoist cables shall pass through heavy duty sheave assemblies equipped with roller bearings to minimize drag. All intermediate sheaves will act as idler assemblies for directional purposes of routing cables to the electric hoist system. Each hoist cable shall terminate into individual drums which are a part of the winch system. The electric hoist mechanism will be properly sized to facilitate the torque requirements of each individual project, and may be up to 2 H.P. in size. The C-Face motor will be furnished with thermal overload protection and include a rotary counting limit switch to limit the up and down travel of the divider. Key lock, three position, momentary contact wall switch with safety delay included. **Key switch or controls to be in full view of both sides of curtain during operation.**

Bid specifications available upon request.

Optional Smart Gym Control System. See separate submittal sheet.

Optional Wireless Remote Control. See separate submittal sheet.

LEED® Submittal Information

Credit	Measure	
MRc4 – Recycled Content	Post Consumer Average 23.48%	Post Industrial 0%
MRc5 – Regional Materials	Product Manufactured in Spiceland, IN 47385	

PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

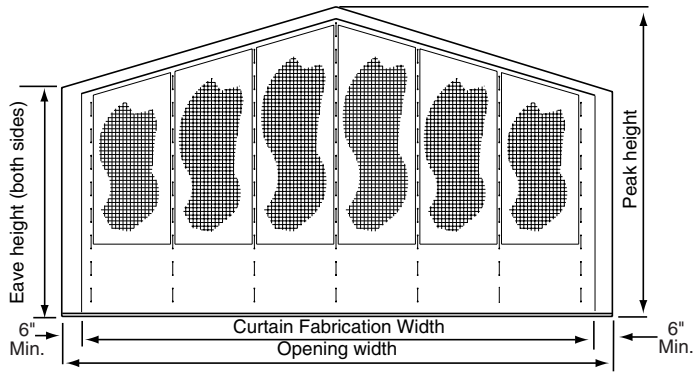
SUPPLIER: _____

DATE: _____ REVISED: _____

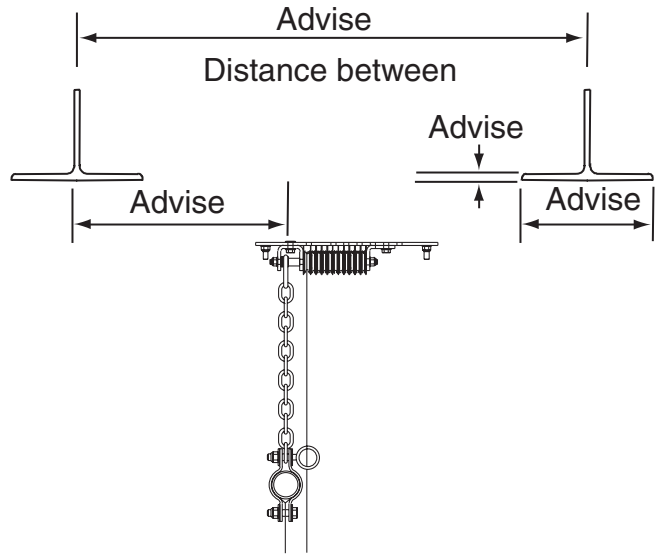
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www.draperinc.com ■ fax 765-987-7142

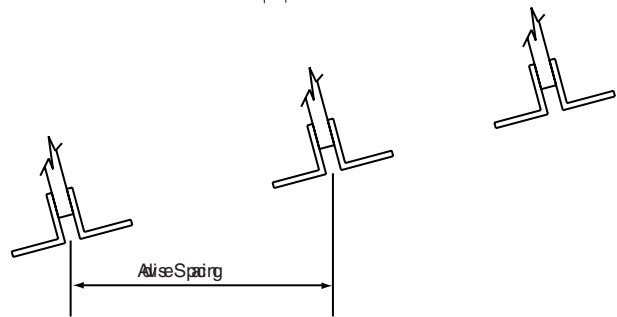
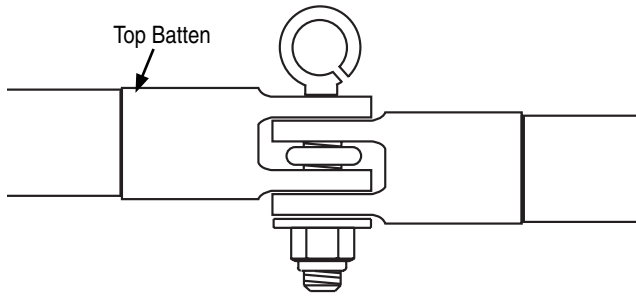
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Structural Relations between two beams



Pivot Joint for Ridge-Fold (Top View)



NOTES:

Wiring Diagram

