

Dimensions & Data			
	Maximum Size	Approx. Unframed Wt. (lbs. per sq. ft.)	
CINEGLASS®	H x W	Net	Shipping
1/4" glass	72" x 96"	3.5	11
3/8" glass	124" x 204"	5.25	13
1/2" glass	128" x 204"	7	15
CINEPLEX®	H x W	Net	Shipping
1/4" acrylic	65" x 144"	1.5	9
3/8" acrylic	104" x 192"	2.25	10
1/2" acrylic	104" x 192"	3	11

Larger sizes may be available—contact Draper.

### Please Mark Appropriate Selections

Indicate overall dimension of screen (H x W), as well as opening size:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

#### Select Substrate:

- Cineglass plate glass  
(Draper recommends 1/4" (6mm) glass up to 72" (183cm) height, 3/8" (10mm) up to 90" height and 1/2" (13mm) for 91" (231cm) and above height)
- Cineplex clear acrylic  
(Draper recommends 1/4" (6mm) acrylic up to 66" (167cm) height, 3/8" (10mm) up to 85" (216cm) height and 1/2" (13mm) for 85" to 104" (216 to 264cm) height)

#### Select Substrate Thickness:

- 1/4" (6mm)
- 3/8" (10mm)
- 1/2" (13mm)
- 3/16" (5mm) VersaRoll only

#### Select Optical Coating:

- Cine 10
- Cine 13
- Cine 15
- Custom \_\_\_\_\_

#### Select Optical Tint:

- HC – High Contrast
- NG – Neutral Grey
- W – White
- Custom \_\_\_\_\_

#### Optional Cineframe®:

- System 200 (Black Finish)
- System 350 (Black Finish)
- System 400 (Black Finish)
- VersaRoll
  - Clear Anodized
  - FinishBlack Finish
- Framing By Others

### Specifications - IRUS

**CINEGLASS:** Rear projection screen(s) to be Draper Cinescreen, optical coating thickness  1/4" (7mm),  3/8" (10mm),  1/2" (13mm). Base of select quality plate or float glass, with an optical coating not to exceed .004", permanently bonded to one side, and inherently abrasion resistant. Recommended for sizes 7'6" x 10' (229x305cm) or larger and multiple projector installations.\*

**CINEPLEX:** Rear projection screen(s) to be Draper Cinescreen, optical coating thickness  1/4" (7mm),  3/8" (10mm),  1/2" (13mm). Base of select quality clear acrylic, with an optical coating not to exceed .004", permanently bonded to one side, and inherently abrasion resistant. Cineplex screens with System 200 Cineframe meet ASTM D702 and B221 test specifications. Not recommended for multiple projector installations.\*

**ALL UNITS:** Overall panel size 1/16" (1.5mm) from exact overall size specified. Substitute materials submitted and approved prior to bid date. Cinescreen to be mounted with the optically coated side toward the audience area.

**NOTE TO SPECIFIERS:** Be sure to specify overall screen size as well as opening size. Draper cannot recommend field cutting or alteration.

#### CINESCREEN OPTICAL COATINGS

**CINE 10:** Ultra-wide angle coating for maximum center-to-corner uniformity of projected image; gain of 1.0. Suitable for high output projectors.

**CINE 13:** Gain of 1.3, with extremely broad viewing cone and uniform distribution of projected light. Use with all projection formats, including higher luminance video and data-graphics projection.

**CINE 15:** For all formats, for mid-brightness video projectors.

**PLEASE NOTE:** Custom coating is available and often specified. Contact Draper for your specific need.

#### CINESCREEN OPTICAL TINTS

**HC:** High Contrast has a dark grey tint. Exceptional contrast and color rendition. Recommended for longer throw lenses.

**NG:** Neutral Grey is the standard formulation. Medium grey tint. Normal contrast levels and good color rendition.

**W:** White has a neutral white tint. Low contrast levels with some loss in color rendition. Enhances the rear screen's ability to reflect a laser pointer beam. Requires lower light level in audience area. Excellent brightness uniformity.

#### SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

\* **FACTORY-INSTALLED CINEFRAMES ARE REQUIRED ON SOME LARGER CINESCREENS. SEE CHART ON PAGE 2.**

**PATENT INFORMATION:** available at <http://www.draperinc.com/legal/patents/>

**DOWNLOADABLE 3-PART SPECIFICATIONS:** available at [www.draperinc.com](http://www.draperinc.com).

**Please note:** Dimensions of rollers, operators and hardware at manufacturer's discretion.



PROJECT: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

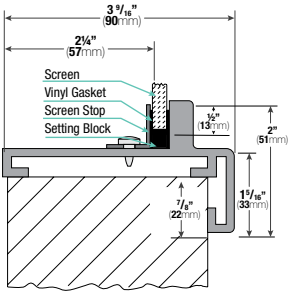
SUPPLIER: \_\_\_\_\_

DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_



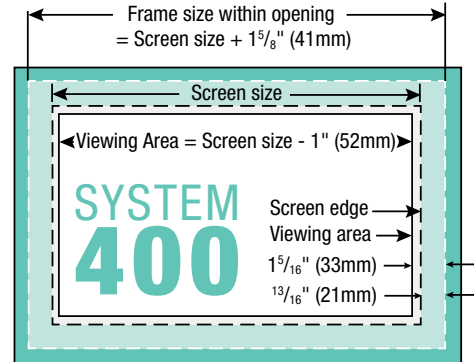
Rigid rear screen installation costs and problems are virtually eliminated with factory-installed Cineframes. Simply place the screen in the finished wall opening, shim into position, and trim as desired. Draper suggests rough opening be at least  $\frac{3}{8}$ " (10mm) larger than overall frame size that fits within the opening. Four styles available. All are extruded of 6063-T5 alloy anodized aluminum.

## System 400

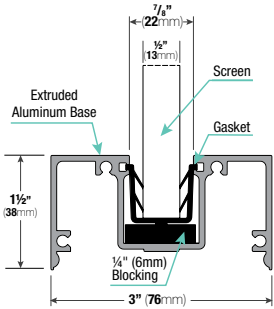


System 400 simplifies your installation. Cut a rough opening  $\frac{3}{8}$ " (10mm) larger than the overall frame size\*, slide the screen in and bolt into place. No finish carpentry required. System 400 has a  $1\frac{3}{4}$ " (44mm) wide dress trim that hides the opening. The audience only sees an attractive frame around a rear screen. Suitable for all Cineglass and Cineplex thicknesses and sizes (see front page for more details). Black finish. Weighs 1 lb., 7 oz. (0.65kg) per lineal foot (30cm). Reduces clear image area by 1" (2.5cm) in each dimension.

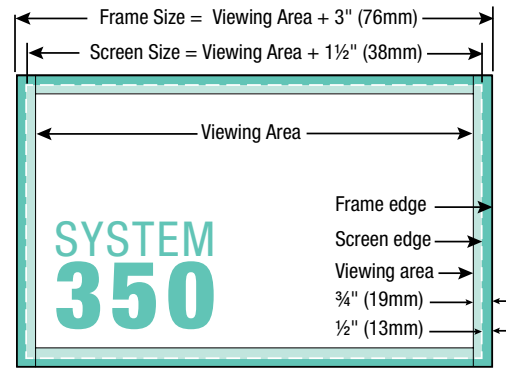
\*Add  $2\frac{5}{8}$ " (67mm) to viewable area of screen to calculate the overall size of that portion of the System 400 Cineframe which is within the rough opening.



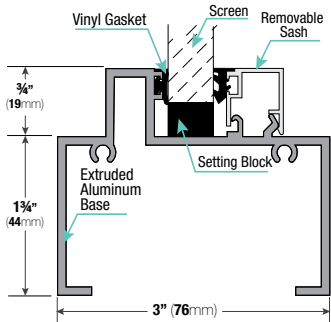
## System 350



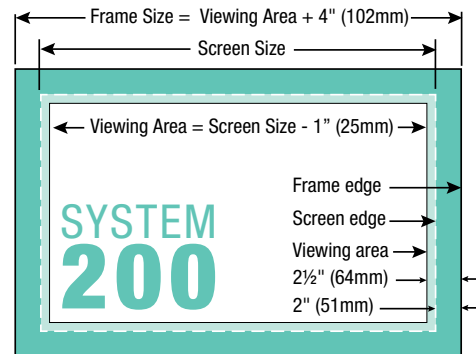
Adds 3" (76mm) to viewable area of screen. Cut a rough opening  $\frac{3}{8}$ " (10mm) larger than the overall frame size. Suitable for Cinecreens in  $\frac{1}{2}$ " (13mm) thickness in all sizes (see front page for more details). Black finish. Weighs 1 lb., 5 oz. (0.59kg) per lineal foot (30cm).



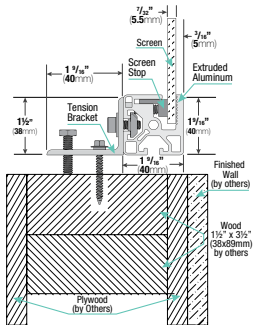
## System 200



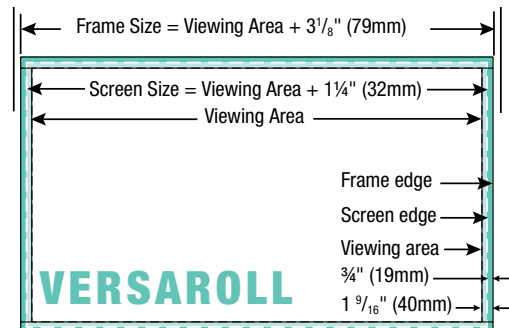
Adds 5" (127mm) to viewable area of screen. Cut a rough opening  $\frac{3}{8}$ " (10mm) larger than the overall frame size. Suitable for Cineglass in  $\frac{1}{4}$ " (6mm) or  $\frac{3}{8}$ " (10mm) thickness through 8' x 10' (2.4x3m), and Cineplex in  $\frac{1}{4}$ " (6mm) or  $\frac{3}{8}$ " (10mm) thickness in all sizes (see front page for more details). Black finish. Weighs 1 lb. (0.45kg) per lineal foot (30cm).



## VersaRoll



Adds  $3\frac{1}{8}$ " (7.9cm) to the viewable area of screen. Cut a rough opening 1" (25mm) larger than overall frame size suspended within opening if a flat screen. Suitable for Cineplex in  $\frac{1}{8}$ " (3mm),  $\frac{3}{16}$ " (5mm) or  $\frac{1}{4}$ " (6mm) thickness. Black or clear anodized available.



## Framing Systems by Others

Field-installed framing systems may be used and provided by others. Steel, wood and aluminum are all suitable materials. It is essential that any Cinescreen be fully isolated from load bearing, and a minimum of  $\frac{3}{8}$ " (10mm) clearance must be allowed for insertion into the rough opening. Additionally, Cineplex framing systems should allow for the acrylic expansion-contraction factor. Consult a qualified glazing specialist when planning any Cinescreen field installation.

**Important:** Optically coated side normally installed facing the audience.