IRUS

Infinite Resolution Uniformity Screen—Rigid Rear Projection Screen

SUBMITTAL
TECHNICAL SPECIFICATIONS

Specifications - **IRUS**

QUANTITY:_____.

SIZE: _____.

Material to be acrylic or glass, one-piece, with unique antiglare finish. Screen to have uniform center-to-corner brightness, superior color reproduction, excellent contrast, 0.7 gain, 180° viewing cone. Screen to be capable of handling high resolution applications. Glass substrate available for use with multiple high resolution, single lens projectors

OPTIONS: Single screen to be furnished with factory installed anodized aluminum frame, System 200, in (clear/black) finish, System (350 / 400), in black finish or VersaRoll in (clear/black) finish. For multiple screens or VideoWall applications, specify Draper's Zero Edge or System 200 VideoWall Framing Systems.

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

FRAME OPTIONS: Single screens—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. Three styles available. All are extruded of 6063-T5 alloy anodized aluminum. See back page for diagrams.

MULTIPLE SCREENS/VIDEOWALLS: Multiple rear screen VideoWalls are used in command and control rooms, network operations centers, sports and gaming venues, point of purchase advertising and the entertainment industry. All VideoWalls are custom designed and manufactured. Technical assistance and CAD design service are available. Two styles available.

FRAMING 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 IRUS be fully isolated from load bearing, and adequate clearance must be allowed for insertion into the rough opening. Additionally, framing systems should allow for the acrylic expansion-contraction factor. Consult a qualified glazing specialist when planning any IRUS field installation.

IMPORTANT: Optically coated side normally installed facing the audience.

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

DOWNLOADABLE 3-PART SPECIFICATIONS: available at www.draperinc.com.

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

Please Mark Appropriate Selections

INDICATE OVERALL DIMENSION OF SCREEN (H X W), AS WELL AS OPENING SIZE:
_____

Select Substrate:

- ☐ Acrylic *(for use with a single high resolution, single lens projector)*
- ☐ Glass *(mostly for use with multiple high resolution, single lens projectors)*

For Single Screens:

Optional Cineframe®:

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

For Multiple Screens or VideoWalls:

Optional VideoWall Framing System:

- ☐ System 200 VideoWall *(Black Anodized Finish)*
- ☐ Zero Edge Framing System
  Screen Configuration (H. x W.)_____
- ☐ Single Plane
- ☐ Curved
  Upper Row Angle (for multitiered only)_____
  Sill Height (distance from floor) _____

IRUS with Acrylic Substrate Dimensions & Data

Nominal Diagonal	Viewing Surface	Screen Thickness	Overall Size	Net Wt. (lbs.)	Ship. Weight	Qty.
16:10 Format						
94"	50" x 80"	¼"	51" x 81"	39	258	
109"	57½" x 92"	¼"	58½" x 93"	52	342	
142"	75" x 120"	⅜"	76" x 121"	130	640	
177" *	93¾" x 150"	½"	94¾" x 151"	273	1096	
16:9 HDTV						
92"	45" x 80"	¼"	46" x 81"	39	234	
106"	52" x 92"	¼"	53" x 93"	52	312	
138"	67½" x 120"	⅜"	68½" x 121"	130	577	
172"	84⅜" x 150"	½"	85⅜" x 151"	273	1001	
4:3 NTSC Video Format						
84"	50½" x 67¼"	¼"	51½" x 68¼"	36	216	
100"	60" x 80"	¼"	61" x 81"	52	312	
120"	72" x 96"	⅜"	73" x 97"	111	493	
150"	90" x 120"	½"	91" x 121"	230	843	
172"*	102" x 136"	½"	103" x 137"	294	1078	
Custom Size						

IRUS with Glass Substrate Dimensions & Data

	Image Area	Screen Thickness	Overall Size	Net Wt. (lbs.)	Ship. Weight	Qty.
MultiFormat*						
	50" x 160"	⅜"	51" x 161"	300	741	
	60" x 186½"	½"	61" x 186½"	556	1185	
Custom Size						

**Special crating costs will be added.*

Custom sizes and substrates are available.

Products can be curved with frame for special applications.

Contact Draper for details.

PROJECT:_____

_____

ARCHITECT:_____

CONTRACTOR:_____

SUPPLIER: _____

DATE: _____ **REVISED:** _____

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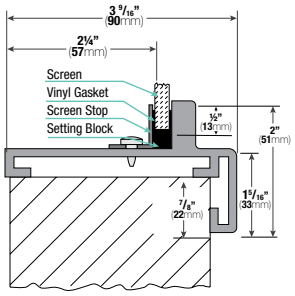
DRAPER® Cineframe® Optional Factory–Installed Framing Systems for Cinescreens

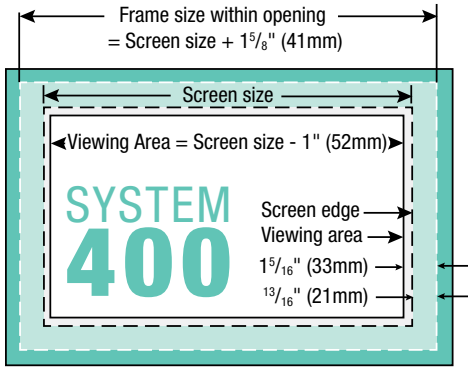
Rigid rear screen installation costs and problems are virtually eliminated with factory-installed Cineframes. Simply place the screen in the finished wall opening, shim into position, and trim as desired. Draper suggests rough opening be at least 3/8" (10mm) larger than overall frame size that fits within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

System 400 ☐

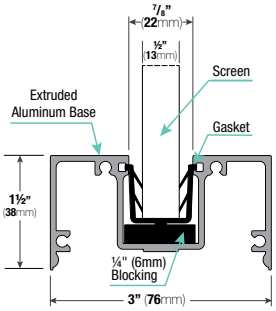


System 400 simplifies your installation. Cut a rough opening 3/8" (10mm) larger than the overall frame size*, slide the screen in and bolt into place. No finish carpentry required. System 400 has a 1¾" (44mm) wide dress trim that hides the opening. The audience only sees an attractive frame around a 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.

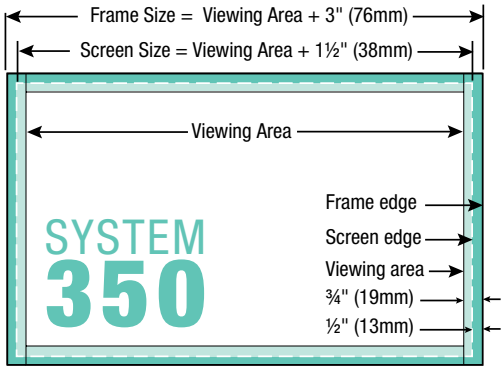
*Add 2 5/8" (67mm) to viewable area of screen to calculate the overall size of that portion of the System 400 Cineframe which is within the rough opening.



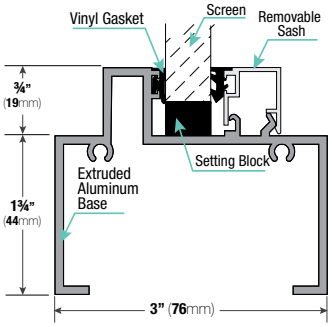
System 350 ☐



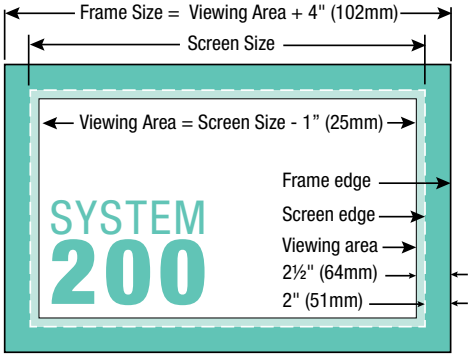
Adds 3" (76mm) to viewable area of screen.
Cut a rough opening 3/8" (10mm) larger than the overall frame size.
Suitable for Cinescreens in ½" (13mm) thickness in all sizes (see front page for more details).
Black finish. Weighs 1 lb., 5 oz. (0.59kg) per lineal foot (30cm).



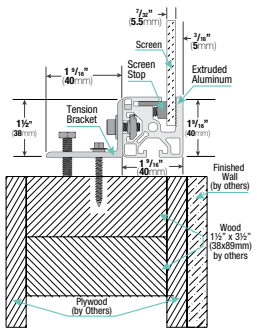
System 200 ☐



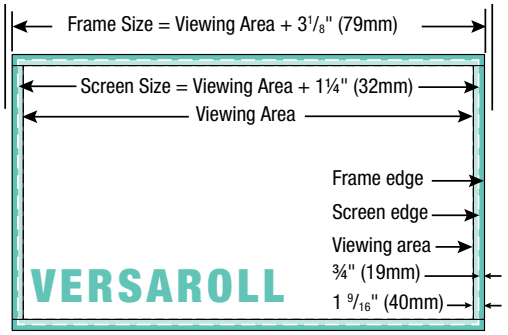
Adds 5" (127mm) to viewable area of screen.
Cut a rough opening 3/8" (10mm) larger than the overall frame size.
Suitable for Cineglass in ¼" (6mm) or 3/8" (10mm) thickness through 8' x 10' (2.4x3m), and Cineplex in ¼" (6mm) or 3/8" (10mm) thickness in all sizes (see front page for more details).
Black finish. Weighs 1 lb. (0.45kg) per lineal foot (30cm).



VersaRoll ☐



Adds 3 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 1/8" (3mm), 3/16" (5mm) or ¼" (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 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.