

# FIRST SURFACE MIRRORS

## SOLD SEPARATELY, OR WITH REAR SCREEN SYSTEMS

Draper provides optical grade first surface mirrors for improved rear projection image quality. First surface mirrors are frequently used in rear projection systems design to fold the light from the projector, reducing the required depth of the projection area behind the rear screen. Conventional mirrors are not satisfactory for this purpose, because the reflective coating is on the back side of the glass. Under projection, the majority of light would be reflected by the reflective coating and a minority by the first surface of the mirror, resulting in an objectionable double image.

Draper first surface mirrors consist of a 94% reflective optical grade vacuum coating on a 6 mm thick glass substrate. We offer first surface mirrors in nine standard sizes ranging from 25" x 40" through 74" x 100", or in any custom size of your choice. Mirrors are available with or without a factory installed protective frame.

First surface mirrors are also provided with Draper RPX, Retro/QA, MultiScreen Systems and Projector Support Structures, all designed specifically for your projection requirement (see page 55-56).

Draper also offers a unique and highly effective stiffening system for mirrors 48" x 74" and larger. This system ensures flatness and eliminates the pin cushion effect, double imaging and dead spots, resulting in a significantly improved image.

## MIROCLEAR—MIRROR CLEANING KIT

First surface mirrors are delicate and they attract dust, lint and fingerprints. We recommend you use our Mirror Cleaning Kit. It contains cleaning solution, cotton gloves, lint-free cloth and instructions.



## STANDARD MIRROR SIZES

Mirror Size (H x W)	Mirror Size (H x W)
25" x 40"	48" x 60"
30" x 40"	48" x 74"
43" x 50"	60" x 90"
43" x 60"	74" x 100"
43" x 74"	

Larger and cut down sizes available.

No more lost pixels. See *Mirror Manager* details on page 53.

# RETRO/QA

## RETROFIT ANY ROOM WITH REAR PROJECTION

We custom design and build the Retro/QA based on your choice of projector and screen. Select any projector and any screen size through 125" diagonal.

The Retro/QA is a portable, self-contained rear projection system. Disassembles for transport or storage. All components fit through a standard door. Assembles easily and quickly on site. Includes the Draper IRUS, Cineplex, Vortex or DiamondScreen with a 3/8" low profile frame of black anodized aluminum or clear matt Lexan®.

The Retro/QA features the same high quality projector cradle and first surface mirror assembly as other Draper Information Display Systems products. Also available: Alignment Platform, Zero Edge framing, 3" urethane swivel casters, 4-outlet surge protected power strip and cooling fan. Multiple units will abut to form a portable videowall. May be finished in your choice of laminates or veneers.

Screen Size (diagonal)	Overall Size* H x W x D	Distance From Bottom of Screen to Floor
60"	92½" x 48" x 48"	56½"
67"	92½" x 54¼" x 50"	50½"
72"	92½" x 58¾" x 56"	48"
84"	102½" x 68½" x 60"	50¾"
90"	106½" x 74¼" x 64"	50¾"
96"	110½" x 79" x 68"	50¾"
100"	112½" x 82¼" x 73½"	50¼"
120"	116½" x 98¼" x 96"	42¼"

\* Above dimensions are typical, and will vary for certain projectors. If in doubt, contact Draper for exact dimensions.

