

## SECTION 11132

### PROJECTION SCREENS

#### PART 1 - GENERAL

##### 1.1 SUMMARY

- A. **Section Includes:** Front projection screens, ceiling recessed (electrically operated).
- B. **Related Sections:**
  - 1. Section 09250 - Gypsum Board Assemblies: Ceiling and partitions systems.
  - 2. Section 09510 - Acoustical Ceilings: Ceiling substrates to receive recessed projection screen.
  - 3. Division 16 - Electrical: Electrical wiring, connections, and installation of remote control switches for electrically operated projection screen.

##### 1.2 SUBMITTALS

- A. **Product Data:** Submit product data and manufacturer's installation instructions for screens specified.

##### 1.3 QUALITY ASSURANCE

- A. **Single Source Responsibility:** Obtain each type of projection screen required from a single manufacturer as a complete unit, including necessary mounting hardware and accessories.
- B. **Coordination of Work:** Coordinate installation of projection screens with work of other trades.
  - 1. Coordinate layout and installation of projection screens with other construction supported by, or penetrating through, ceilings, including light fixtures, HVAC equipment, fire-suppression system, and partitions.

##### 1.4 DELIVERY, STORAGE, AND HANDLING

- A. **Delivery:** Do not deliver projection screens until building is enclosed ready for screen installation.
- B. **Protect screens** from damage during delivery, handling, storage, and installation.

##### 1.5 PROJECT CONDITIONS

- A. **Coordinate** installation of projection screens with work of other trades.

#### PART 2 - PRODUCTS

##### 2.1 MANUFACTURERS

- A. **Approved Products/Manufacturers:**

1. "Envoy"; DRAPER SHADE AND SCREEN COMPANY.
2. "BoardRoom Electrol"; DA-LITE SCREEN CO., INC.

## 2.2 ELECTRICALLY OPERATED FRONT PROJECTION SCREENS

- A. **Description:** Projection screens shall be electrically operated 110-120V. AC, 60 hz, 3-wire motor mounted inside screen roller, instantly reversible, lifetime lubrication, with internal thermal overload protector and electric brake.
1. Motor shall be mounted on rubber vibration insulators and shall have preset limit switches.
  2. Roller to be 3" in diameter with isolation supports.
  3. Screen shall have a matte white, flame-retardant and mildew-resistant viewing surface.
  4. Low voltage terminations by audio-visual contractor, 120 vac terminations by electrical contractor.
- B. **Size:** 6'H x 8'W.

## PART 3 - EXECUTION

### 3.1 INSPECTION

- A. **Installer shall examine** substrata and conditions under which projection screens are to be installed and notify Contractor in writing of conditions detrimental to proper and timely completion of work.

### 3.2 INSTALLATION

- A. **General:** Install projection screens at locations indicated in compliance with screen manufacturer's instructions.
- B. **Install projection screens** level, plumb, secure, and at proper height. Cooperate with other trades for securing projection screen units to finished wall and ceiling surfaces. Repair or replace damaged items as directed by the Architect.

### 3.3 CLEANING

- A. **Clean exposed surfaces** of screen units.
- B. **Clean up all debris** caused by work of this Section, keeping the premises neat and clean at all times.

### 3.4 PROTECTION

- A. **Protect projection screens** after installation from damage during construction. If despite such protection damage occurs, remove and replace damaged components or entire unit as required to provide units in their original, undamaged condition.

END OF SECTION