

**SECTION 08330
SECTIONAL OVERHEAD DOOR**

PART 1 - GENERAL

1.1 SUMMARY

- .1 Provide electrically operated, standard lift, insulated sectional steel overhead door with insulated windows and hardware and accessories for a complete installation.

1.2 RELATED SECTIONS

- .1 06100 Rough Carpentry.
- .2 06200 Finish Carpentry.
- .3 Division 16 Electrical

1.3 SUBMITTALS

- .1 Submit in accordance with Division 1 Submittal Procedures.
- .2 Product Data:
 - .1 For each product indicated, include installation and maintenance instructions. Provide maintenance data for door, motor and hardware for incorporation into maintenance manual.
 - .2 Submit detailed procedures for the periodic inspection and preventative maintenance and testing of door for inclusion in the maintenance manuals.
- .3 Shop Drawings: Include plans, elevations, sections, details of installation, and attachments to other Work.
 - .1 Verify openings by field measurements before fabrication and indicate measurements on Shop Drawings.
 - .2 Shop drawings to include details of all parts of sectional overhead door including: insulated door sections, glazing, tracks, housing, operators and relevant hardware.
- .4 Samples: For each exposed finish.

1.4 WARRANTY

- .1 Provide a written guarantee for a period of (1) one year from the date of substantial completion, that components will be free of defects in design, material and workmanship or will be replaced at no additional cost to the Owner.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- .1 Subject to compliance with requirements, provide products by one of the following:
 - .1 Upwardor Corporation.
 - .2 Overhead Door Corporation.
 - .3 Other manufacturers of similar products are invited to submit their requests for approval as equal to the products specified.

2.2 DOOR

- .1 Exterior Insulated Sectional Steel Overhead Door:
 - .1 General: base on Upwardor Corp. Thermalex TX450 model.
 - .2 Windows: 24"x12" insulated sealed units.
 - .3 Colour to be selected from manufacturer's standard range.
 - .4 Operation: electrical operation with remote control.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Install overhead door and operating equipment complete with necessary hardware, jamb and head mold strips, anchors, inserts, hangers, and equipment supports.
- .2 Lubricate bearings and sliding parts; adjust to operate easily, free from warp, twist, or distortion.
- .3 Door system shall be installed by an authorized installer, in accordance with the manufacturer's directions and reviewed shop drawings.
- .4 Install plumb, true, square and level, free from distortion or defects affecting appearance or performance. Adjust moving parts to operate smoothly.

3.2 CLEAN-UP

- .1 As the work proceeds and on completion, clean up and remove from the site all rubbish and packaging. Leave overhead door clean.

END OF SECTION