



RT TECHNICAL

INSTRUMENT BUILDINGS



Our buildings are constructed of rigid metal panels surrounding an insulated core. The modular panel design enables us to provide cost effective, customized buildings for a wide variety of sizes and applications. This unique construction provides exceptional strength, structural integrity, and maximum protection from rodent damage. Our buildings are constructed on a hot dipped galvanized skid base and are shipped with a set of general layout drawings. Individual project lead times depend upon shop load & building complexity.

Whether you need a building, start up and commissioning of analytical equipment, or electrical installation of the complete package - RT Technical is here to meet your building needs.

FUNCTIONAL SPECIFICATIONS

Exoskeleton

Steel sheet face is profiled and edges fully clad for maximum strength

Panel Width

45 inches; Both edges are fully lipped

Panel Length

20 feet max; Panel length is manufactured to customer specification

Insulating Core

Rigid-foam polyurethane, wall thickness available from 1.5" - 3"; R-values approximately R8 per inch

Baked Enamel Finish

Standard color: tan exterior, white interior, 30 colors available upon request; Interior surfaces sealed with a rust-resistant epoxy clearcoat

Licensed Electrical Contractor

TECL #28209 / LAECL #65059 / OHECL # 47505



TECHNICAL SPECIFICATIONS

Skin	Sheet steel, ASTM A792 (Type A)
Metal Thickness	24 to 28 gauge
Yield Strength	50,000 psi
Wind Load Criteria	Standard construction rated @ 130 mph; higher loads available upon request
Surface Coating	Galvalume pre-painted Al/Zn alloy – AZ150
Foam Insulation	Rigid polyurethane
Closed Cell Content	88% or better
Fire Characteristics	Flame Spread 15 – Smoke Development 175 - Flame Testing in Accordance with CAN/ULC S102-07
R-Value	7.3 per inch of thickness
Density	2.5 lbs/cubic foot, approximate
Flexural Strength (Tensile Strength)	51 psi / 52 psi

**20+
YEAR
LIFESPAN**

