

OPTIMAL BUILDING SYSTEMS, LLC

4554 Paseo Brazos

Sierra Vista, AZ 85635

RETAIL PRICE SHEET

Load Calculation & HVAC Design Services

Each new construction load calculation project is individually priced based on the following schedule. Our pricing policies are designed to keep costs as low as possible for the majority of homes. Additional services are available on an hourly basis.

Load calculations (new construction) ¹

- \$110 plus 7¢ per square foot conditioned area (\$249 minimum)
- \$50 for each additional HVAC system (first system included in base price)
- \$35 and up for special architectural or design features such as basements, multiple vaulted or volume ceilings, attic knee-walls, and/or unconventional wall systems
- Load calculations based on ACCA Manual J, 8th Edition

Optimized mechanical system specifications

- \$125 flat rate for homes with single HVAC system
- \$65 for each additional HVAC system
- Equipment selection based on ACCA Manual S
- Equipment sizing and match-up based on expanded engineering data from manufacturer
- Equipment specifications optimized for each project based on local climate and utility costs
- Specifications include duct system guidelines (we do not offer duct system design services²)

Repeat pricing and professional discounts

- \$65 for repeats with new orientation and/or mirror plan – assumes no other changes
- Repeats with changes – hourly fee applies (\$65 minimum)
- Revisions to a previously completed load report – hourly fee applies (\$65 minimum)
- Discounts available to raters & auditors – contact Optimal Building Systems for details

Energy rating file (Certified Raters only)

- Provide completed Rem/Rate building (.blg) file – contact Optimal Building Systems for pricing

Hourly services (\$95/hour)

- Optimization of insulation and glazing specifications
- Evaluate load calculations performed by others
- Solar (PV) system sizing; evaluate cost performance vs. potential efficiency improvements
- HVAC design for home theaters

Payment terms

- 50% deposit required on all work with balance due at completion
- Major credit cards, PayPal, and checks accepted
- Retainer fee may be required for hourly services requested by new customers

¹ Homes must participate in Energy Star or other third-party verification program that includes thermal bypass & insulation inspections, blower door test and duct leakage test. Projects involving existing homes accepted on a case-by-case basis. Contact Optimal Building Systems for pricing and acceptance criteria.

² Please see FAQ regarding Manual D at optimalbuilding.com (log-in required)