



### Walk-Through Home Energy Efficiency Checklist

| COMPONENT                          | RECOMMENDATION  | COMMENTS |
|------------------------------------|---|----------|
| <b>OUTSIDE INSPECTION</b>          |   |          |
| <b>Windows</b>                     | Double Glass or Storm   |          |
| -Caulking                          | Continuous and soft   |          |
| -Close tightly                     | Firm fit all around   |          |
| -Glazing                           | Continuous  |          |
| <b>Doors</b>                       | Insulated or Storm  |          |
| -Caulked                           | Continuous and flexible   |          |
| -Close tightly                     | Firm fit all around   |          |
| <b>Siding</b>                      | Weathertight  |          |
| <b>Exhaust Vents (Dryer, Bath)</b> | Outside flap closes tightly   |          |
| <b>Roof Ventilation</b>            | Free flow of air from inlets to outlets                               |          |
| -Inlet (Soffits)                   | Soffit vents open and spaced 6-8 feet apart                           |          |
| -Outlets                           | Gable, ridge, or power ventilators                                    |          |
| <b>Crawl Space</b>                 | Ventilated and accessible   |          |
| -Soil condition                    | Dry, or lay down plastic (vapor barrier)                              |          |
| -Ventilation                       | Foundation vents closed (unless moisture present or code requirement) |          |
| -Insulation level                  | Minimum 6 inch batts (R-19)   |          |
| -Insulation condition              | Paper-side UP, continuous installation                                |          |
| -Duct condition                    | All joints connected and insulated, mastic                            |          |
| <b>Heating/Cooling Unit</b>        | Annual service, less than 15 years old                                |          |
| -Coils                             | Clean, and fins in good condition                                     |          |
| -Unit                              | Clear of shrubbery and trash  |          |
| -Drain line                        | Installed with trap (U) and clear                                     |          |
| -Metal cover to house              | Sealed tightly (Package Units Only)                                   |          |
| <b>INSIDE INSPECTION</b>           |   |          |
| <b>Central Heating/Cooling</b>     | Annual service  |          |
| -Thermostat or controls            | 68 winter, 78 summer  |          |
| -Supply vents                      | Open and clear, doors open (or 2" space), sealed                      |          |
| -Return filter                     | Clean and replaced monthly, filter whistle                            |          |
| <b>Space Heating</b>               | Clean and maintained  |          |
| <b>Window Unit AC</b>              | Annual service  |          |
| -Infiltration                      | Seal tightly around unit  |          |
| -Raised window                     | Sashes sealed where uneven  |          |
| -Filter                            | Cleaned or replaced monthly   |          |
| <b>Infiltration</b>                | Reduce air leakage, pressure test                                     |          |
| -Windows                           | Firm fit all around, window latch                                     |          |
| -Doors                             | Firm fit all around, close tightly, weatherstripping                  |          |
| -Plumbing                          | Bath and kitchen pipes sealed to outside                              |          |
| -Outlets                           | Sealed, no air movement   |          |
| -Fireplace                         | Tight, closed damper or glass doors                                   |          |
| <b>Attic</b>                       | Vented and well insulated   |          |
| -Ventilation                       | Soffit vents open, outlets open                                       |          |
| -Insulation level                  | Minimum 9 inch batts or R-30/R-38                                     |          |
| -Insulation condition              | Paper side DOWN, level installation                                   |          |
| -Duct condition                    | Joints connected and insulated, sealed with mastic                    |          |
| -Air handler                       | Cabinet airtight  |          |
| -Infiltration                      | Ceiling openings sealed (lights, fans, doors, wire and pipes)         |          |
| <b>Water Heater</b>                |   |          |
| -Insulation                        | Minimum 3" insulation of built-in foam (per mfg spec)                 |          |
| -Pipes                             | Insulated (Minimum 3 feet from heater), more for hot lines            |          |
| -Water temperature                 | Maximum 120 degrees at tap  |          |
| -Plumbing leaks                    | No dripping faucets or pipes  |          |
| <b>Refrigerator</b>                |   |          |
| -Gasket                            | Tightly sealed and flexible, no moisture, dollar test                 |          |
| -Temperature                       | 34 to 38 degrees F  |          |
| -Coils                             | Cleaned every 6 months  |          |
| <b>Freezer</b>                     |   |          |
| -Gasket                            | Tightly sealed and flexible, no moisture                              |          |
| -Temperature                       | 3 to 7 degrees F, defrost as needed                                   |          |
| -Coils                             | Cleaned every 6 months  |          |
| <b>Dishwasher</b>                  | Use only when full, air dry   |          |
| <b>Dryer</b>                       |   |          |
| -Exhaust Vent                      | Sealed to outside, flap closed  |          |
| -Operation                         | Full loads only, lint filter cleaned                                  |          |
| <b>MISCELLANEOUS</b>               |   |          |
| -Sump pump                         |   |          |
| -Pool pump                         |   |          |
| -Well pump                         |   |          |
| -Outbuildings                      |   |          |
| -Solar                             |   |          |