

Project Features

Standard (Code Minimum)

Greener Solutions "Standard"

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| HVAC Seer Rating | Seer 13 | Seer 17 - eligible for Federal Tax Credit; JEA New Build Rebate |
| Air Handlers | Hard wired, multi-speed no enhanced dehumidification | True Variable Speed Air Handlers- ensure air delivered airflow, comfort, quiet operation, efficiency, and enhanced humidity removal |
| Air Handler Location | UN-conditioned attics resulting in corrosion, condensation, vermin, and mold | optimal location is in a well insulated CONDITIONED attic |
| Load Calculations | whole house building only or NONE at all | Room by room calculation to fine tune duct design and commissioning |
| Filter Cabinets | 1 inch | 4-5 inch deep filter cabinet for better air flow, longer change intervals, cleaner and quieter operation for increased efficiency |
| Thermostats | slide switch, small display, no back lighting | push button, large display, with back lighting |
| Humidistats | none | integrated touch screen Humidistat commands air handler to slow for increased dehumidification |
| Ductwork | 0.10 friction rate | oversize ductwork using 0.06 friction rate- builds in reserve capacity to accommodate typical field conditions and future balancing |
| Manual Balancing Plates | None | for small interior rooms to prevent them from being overblown and direct proper air flow to larger rooms to accommodate balancing |
| Supply Registers | stamped | Hart and Cooley 61x series or similar for improved air flow performance and adjustment |
| Return Grills | stamped | Hart and Cooley RH 45 series for quieter performance and greater free area |
| Bath Fan Exhaust Ductwork | weak corrugated crumple-prone T-fin | Hard piped wall steel wherever feasible |
| Dryer Box | None | eliminates initial 90° elbow for dryer exhaust |
| Zoning | power open/ spring closed dampers that run hot, waste energy and difficult to calibrate for small zones relies on bypass dampers that cause air handler to sweat or ice and overload compressor control boards allow for excessive high stage operation | energy conserving 3 wire motor open/ motor closed dampers easily calibrated for small zones AVOIDS bypass dampers control board maximizes operation of low stage, reserving high stage for peak load times |
| Spray Foam Testing | visual or NO inspection | blower door or theatrical smoke test for air leakage to deliver forecasted efficiency |
| Energy Centers | no assistance with other aspects of energy conservation within the home | assistance with energy conservation with aspects of envelope, humidity control water heating, lighting, refrigeration, food prep, laundry, water pumping where applicable and requested |
| High Maintenance Add-Ons | hype up costly marginally effective, oversold add-ons such as electrostatic precipitators, UV lights, etc | NONE |
| Warranty | leave up to owner who forgets reducing to 5 years one year labor and workmanship | 10 year parts registration upon CO/ final payment 2 year labor and workmanship |