

MANUAL J & MANUAL D REQUIREMENTS

The purpose of building codes is to assist the agency having jurisdiction in meeting the minimum obligations to protect the general welfare of the population in which they serve. The Town of Edisto Beach has adopted the ICC – 2006 International Mechanical Code, ICC - 2006 International Residential Code, and the ICC - 2006 International Energy Conservation Code. Each of these codes make reference to specific ACCA procedures in order to comply. The IMC requires the use of Manual D for all residential duct systems. The IRC requires the use of Manual J for residential load calculations, and Manual D for residential duct systems. The IECC includes Manual J as one of the approved methods for sizing.

The Town of Edisto Beach requires that Manual J and Manual D designs that are submitted must utilize a software program that is approved and recognized by ACCA (Air Conditioning Contractors of America), or must provide a manual analysis designed according to all the requirements as listed in the ACCA Manuals. Software designs that are not approved for use by ACCA will not be accepted.

Below is the most current list of software programs approved by ACCA.

ACCA-Approved Design Software

Remember, **only these companies are authorized to display the "Powered by ACCA Manual J" logo and only their products meet the standards of Manual J residential load calculation.**

- Elite RHVAC
- Wrightsoft Right-J8
- Nitek HVAC Wizard
- Adtek AccuLoads

The following software has been approved by ACCA as meeting the requirements of Manual D for duct sizing and design. **Only those companies authorized to display the "Powered by ACCA Manual D" logo meet the standards of Manual D.**

- Elite DUCTSIZE
- Wrightsoft Right-D