

# Mechanical Permit Application

Lee County Building Inspections  
PO Box 362 - Opelika, AL 36803

**Office:** 334-737-7014 **Email:** [buildinginspection@leeco.us](mailto:buildinginspection@leeco.us)

Updated 5/2023

Type of Work
<input type="checkbox"/> New Construction <input type="checkbox"/> Addition / Alteration <input type="checkbox"/> Demolition <input type="checkbox"/> Other

General Information
<input type="checkbox"/> Residential 1&2 Family Dwelling/Townhouse <input type="checkbox"/> Commercial/Multi-Family <input type="checkbox"/> Other

Job Site Information & Location
General Contractor:
Building Permit Number:
Owner Name:
Job Site Address:
City/State/Zip:
Subdivision & Lot #:
Phone #:

Description of Work

License Information
Company Name:
License Holder Name:
License Number:
Expiration Date:
Applicant Name:
Company Address:
Office Number:
Cell Number:
Email:
<b>Must Have Copy of Current License</b>
Signature:
Date:

Fee Schedule
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\*There is a minimum issuance fee of \$20.00 per permit. \*Each single family residence, apartment building, townhouse, or commercial building requires a separate permit. **\*Manual "J" calculations are mandatory for all new construction and/or additions.**

Commercial & Residential		
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Description	Ton/KW/Btu	Amount
Heat Pump #1		
Heat Pump #2		
Heat Pump #3		
*see chart below		
Heat Strip #1		
Heat Strip #2		
Heat Strip #3		
*\$1.00 per KW		
Air Condition Only		
Gas Furnace		
\$2.00 per 10,000 Btu		
Natural Gas Outlet	\$3.00 Each	
1 Ton to 6 Tons or fraction thereof: \$5.00 Per Ton		
7 Ton to 11 Tons or fraction thereof: \$4.00 Per Ton		
Over 11 Tons or fraction thereof: \$3.00 Per Ton		
<b>Total</b>	<b>\$</b>	
<b>Issuance Fee</b>		<b>\$20.00</b>
<b>TOTAL PERMIT FEE</b>		<b>\$</b>

# LEE COUNTY MANUAL "J" SUMMARY FOR RESIDENTIAL HVAC SYSTEMS

HVAC Contractor or P.E. \_\_\_\_\_

REQUIRED ATTACHMENTS:

License or Registration # \_\_\_\_\_

*Manual J Form J1*

Building Permit # \_\_\_\_\_

Project Address \_\_\_\_\_

## LOAD CALCULATION (IRC M1401.3)

### Winter Design Conditions

Outdoor temperature \_\_\_\_\_ °F

Indoor temperature \_\_\_\_\_ °F

**Total Heat Loss** \_\_\_\_\_ **Btu**

### Summer Design Conditions

Outdoor temperature \_\_\_\_\_ °F

Indoor temperature \_\_\_\_\_ °F

Grains difference \_\_\_\_\_  $\Delta$  Gr @ \_\_\_\_\_ % Rh

Sensible heat gain \_\_\_\_\_ **Btu**

Latent heat gain \_\_\_\_\_ **Btu**

**Total Heat Gain** \_\_\_\_\_ **Btu**

### Building

Orientation (Front door faces) \_\_\_\_\_

Number of bedrooms \_\_\_\_\_

Conditioned floor area \_\_\_\_\_ **Sq. Ft**

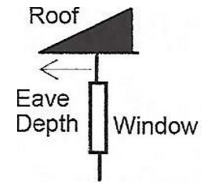
Number of Occupants \_\_\_\_\_

### Windows

Eave overhang depth \_\_\_\_\_

Internal shade type \_\_\_\_\_  
(Blinds, drapes, etc.)

Number of skylights \_\_\_\_\_



## HVAC EQUIPMENT SELECTION (IRC M1401.3)

### Heating Equipment Data

Equipment type \_\_\_\_\_  
(Furnace, Heat pump, etc.)

Model # \_\_\_\_\_

Model # \_\_\_\_\_

**Heating output capacity** \_\_\_\_\_ **Btu**  
(Heat pumps – capacity at winter design outdoor conditions)

### Cooling Equipment Data

Equipment type \_\_\_\_\_  
(Air conditioner, Heat pump, etc.)

Model # \_\_\_\_\_

Model # \_\_\_\_\_

**Total cooling capacity** \_\_\_\_\_ **Btu**

## STATEMENT OF COMPLIANCE WITH STATE OF ALABAMA ENERGY CODES

*By signing below, I/we certify that the heating and equipment loads for the above building have been calculated in strict accordance with ACCA Manual J or other approved heating and cooling calculation methodologies. I/we understand that the claims made on this form are subject to review and verification.*

HVAC Contractor's or P.E.'s Printed Name \_\_\_\_\_ Date \_\_\_\_\_

HVAC Contractor's or P.E.'s Signature \_\_\_\_\_