

## Manual J Construction Sheet

Customer Name: \_\_\_\_\_

Customer Number: \_\_\_\_\_

Customer Email: \_\_\_\_\_

Billing Address: \_\_\_\_\_

### Service Options

Manual J Room by Room Calculation       Manual J Block Load Calculation

### Project Information:

Project Name: \_\_\_\_\_

Project Type: Residential  Commercial

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

Project Front Orientation: \_\_\_\_\_

Levels: Single Story  Two Story  Three Story  Four Story  Year Built: \_\_\_\_\_

Location of ducts: Conditioned Space (Interior)  Non-Conditioned Space (Exterior/attic)

Location of Unit: Conditioned Space (Mech Room, etc.)  Non-Conditioned Space (Exterior/attic)

### Project Frame:

- Exterior Finish: Metal  Brick 4"  Stucco  EIFS  Vinyl  Wood  Brick 8"  Split logs   
 $\frac{1}{2}$ " gyp.bd   $\frac{5}{8}$ " gyp.bd
- Sheathing: None   $\frac{3}{8}$ " wood   $\frac{1}{2}$ " wood   $\frac{5}{8}$ " wood
- Interior Finish:  $\frac{1}{2}$ " gyp board   $\frac{5}{8}$ " gyp board   $\frac{3}{4}$ " wood  Metal  Split logs
- Stud Spacing: 16" O.C.  24" O.C.
- Framing: 2"x4" wood  2"x6" wood  2"x4" metal  2"x6" metal
- Wall Cavity Insulation R-Value: \_\_\_\_\_
- Project Tightness: Tight  Semi-tight  Loose  Semi-Loose

### Roofing/Ceiling:

- Attic Type: Unvented  Vented  Fan vented  Encapsulated
- Encapsulated R-Value: \_\_\_\_\_
- Radiant Barrier? Yes  No
- Roofing Material: \_\_\_\_\_

- **Roof Insulation R-Value:** \_\_\_\_\_
- **Ceiling Finish:** ½" gyp bd  5/8" gyp bd  ¾" wood  Metal
- **Ceiling Insulation R-Value:** \_\_\_\_\_

**Glazing (French Doors are glass):**

- **Glass Type:** Single Pane  Double Pane  Triple Pane
- **SHGC=** \_\_\_\_\_
- **U Factor=** \_\_\_\_\_
- **Pane:** Clear  Clear Low e
- **Low e value:** \_\_\_\_\_
- **Frame Material:** \_\_\_\_\_
- **Gas:** Air  Argon

**Flooring:**

- **Floor insulation R-value:** \_\_\_\_\_
  - **Floor Type:** Slab on grade  Raised w/ sealed crawlspace  Raised w/open crawlspace
- Room over garage: Y  N       Conditioned Basement: Y  N

**Manual S Equipment Sheet**

**Specs:** Check to pick recommended unit

- Outdoor Unit Brand:  
\_\_\_\_\_
- Outdoor Unit Model (Condenser/Pkg Unit) # :  
\_\_\_\_\_
- Indoor Unit Brand:  
\_\_\_\_\_
- Indoor Unit Model (Air Handler/Furnace) #:  
\_\_\_\_\_
- Heat Strip K/W:  
\_\_\_\_\_
- AHRI Number:  
\_\_\_\_\_



## Manual D Specification Sheet

Customer Name: \_\_\_\_\_

Customer Number: \_\_\_\_\_

Customer Email: \_\_\_\_\_

Billing Address: \_\_\_\_\_

### Project Information:

Project Name: \_\_\_\_\_

Project Type: Residential  Commercial

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

Project Front Orientation: \_\_\_\_\_

Levels: Single Story  Two Story  Three Story  Four Story  Year Built: \_\_\_\_\_

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- **Duct location:** Duct in Un-conditioned Basement  Duct in Conditioned Space  Duct in Crawl Space   
Duct in Vented Attic  Duct in Encapsulated (Spray Foam) Attic  Duct in Un-vented Attic   
Duct in Panned Joist Return

- **Duct Drawing Preference:** Rectangular Metal Trunk w/Round Metal Branches  Rectangular Metal Trunk w/Flex Branches  Round Metal Trunk w/ Flex Branches  All Rectangular Metal  All Flex

- **Flex end of metal branch?** Yes  No

- **Return Grill preference:** Multiple w/One per Floor  One Centrally Located  Multiple w/One per Bedroom   
Multiple All Centrally Located

Custom (Specify Rooms) \_\_\_\_\_

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- **Return Grill location preference:** Floors  Walls  Ceilings  Other (Specify) \_\_\_\_\_

- **Return Air Grill Type Preference:** Filter Back  Non-Filter Back  Transfers

- **Duct insulation value:** R-4  R-6  R-8

