

Section Q1 Rules

A or (B, G or C)
E or F

It can either be Package OR Split
You can't have more than and less than 40'

If A, then must answer A_type
If B, then must answer B_HEATPUMP
If C, then must answer C_GAS
If D, then must answer D_type

D_type must MATCH A or (B/G/C)

If E or F, then Q2 Section Required

Section Q2 Rules

If A is Yes, the B is required

Section Q3 Rules

If A, then Mech 20/21 Exempt
If B, then All Exempt
If C, then Mech 20/21 Exempt
If D, then Mech 20/21 Exempt
if D, then Q3_D_cert required
If E, then Mech 22/24,25,26 Exempt
If F, then Mech 24,25,26 Exempt

Hide if Q1_E or Q1_F is checked
Hide if Q2_B = Yes OR if Q1_E is checked
Hide if Q1_E is checked
Hide if Q1_E is checked
Hide if Q1_B or Q1_G is checked

Processing Rules

Option1 = FALSE
Option2 = FALSE
Option3 = FALSE
Option4 = FALSE

IF Q1_E is checked THEN Option4 = TRUE
IF Q2_B = YES AND (Q1_A OR Q1_C) THEN Option2 = TRUE ELSE Option3 = TRUE
IF NOT(Q1_E) AND (NOT(Option2) OR NOT(Option3)) THEN Option1 = True
IF Option2 OR Option3 THEN Option4 = FALSE
IF Q2_B = YES THEN Duct Insulation Requirement Box Checked on CF-1R

REQUIRED TESTS:

IF climate_zone IN (2, 9){

```
IF option1 {
    CF-6R-MECH-21
    CF-4R-MECH-21
    IF isSplit {
        CF-6R-MECH-RCA-HERS
        CF-4R-MECH-RCA
    }
}
IF option2{
    CF-6R-MECH-20-HERS
    CF-4R-MECH-20
    IF isSplit{
        CF-6R-MECH-RCA-HERS
        CF-4R-MECH-RCA
    }
}
IF option3{
    CF-6R-MECH-20-HERS
    CF-4R-MECH-20
    IF isSplit{
        CF-6R-MECH-RCA-HERS
```

```

                                CF-4R-MECH-RCA
                                }
                                }
                                IF option4{
                                    CF-6R-MECH-21
                                    CF-4R-MECH-21
                                }
ELSEIF climate_zone = 8{
    IF isPackage{
        CF-6R-MECH-RCA-HERS
        CF-4R-MECH-RCA
    }
ELSEIF climate_zone >= 10 AND climate_zone <= 15{
    IF option1{
        CF-6R-MECH-21
        CF-4R-MECH-21
        IF isSplit{
            CF-6R-MECH-RCA-HERS
            CF-4R-MECH-RCA
        }
    }
    IF option2{
        CF-6R-MECH-20-HERS
        CF-4R-MECH-20
        IF isSplit{
            CF-6R-MECH-22-HERS
            CF-4R-MECH-22
            CF-6R-MECH-RCA-HERS
            CF-4R-MECH-RCA
        }
    }
    IF option3{
        CF-6R-MECH-20-HERS
        CF-4R-MECH-20
        IF isSplit{
            CF-6R-MECH-RCA-HERS
            CF-4R-MECH-RCA
        }
    }
    IF option4{
        CF-6R-MECH-21
        CF-4R-MECH-21
    }
ELSEIF climate_zone = 16{
    IF option1{
        CF-6R-MECH-21
        CF-4R-MECH-21
        IF isSplit{
            CF-6R-MECH-RCA-HERS
            CF-4R-MECH-RCA
        }
    }
    IF option2{
        CF-6R-MECH-20-HERS
        CF-4R-MECH-20
    }
    IF option3{
        CF-6R-MECH-20-HERS
        CF-4R-MECH-20
    }

```

```

    }
    IF option4{
        CF-6R-MECH-21
        CF-4R-MECH-21
    }
}

<!-- handle exceptions to tests --->
IF (Q3_A OR Q3_B OR Q3_C OR Q3_D) AND (CF-6R-MECH-20-HERS){
    CF-6R-MECH-20-HERS = FALSE
    CF-4R-MECH-20 = FALSE
}
IF (Q3_A OR Q3_B OR Q3_C OR Q3_D) AND (CF-6R-MECH-21-HERS){
    CF-6R-MECH-21-HERS = FALSE
    CF-4R-MECH-21 = FALSE
}
IF (Q3_B OR Q3_E) AND (CF-6R-MECH-RCA-HERS){
    CF-6R-MECH-RCA-HERS = FALSE
    CF-4R-MECH-RCA = FALSE
}
IF (Q3_B OR Q3_E OR Q3_F) AND (CF-6R-MECH-RCA-HERS){
    CF-6R-MECH-24-HERS = TRUE
}
IF (Q3_B OR Q3_E) AND (CF-6R-MECH-22-HERS){
    CF-6R-MECH-22-HERS = FALSE
    CF-4R-MECH-22 = FALSE
}
}

```