

LOAD CALCULATION
SINGLE FAMILY DWELLING
National Electrical Code 2020

LOAD INCLUDED AT 100 %

Heat Pump:

Compressor..... _____ *Amps

Indoor Fan Motor..... _____ *Amps

Outdoor Fan Motor..... _____ *Amps

TOTAL _____ Amps x 240 V - 1000 _____ KW (a)

Auxiliary Heat: 65 % x _____ *KW _____ KW (b)

OTHER LOAD

Lighting: _____ sq. foot x 3 - 1000 _____ KW

Required 20 amp appliance
circuits: 2 @ 1500 W - 1000 3.0 KW

Laundry Circuits: 1500 W - 1000 1.5 KW

Range: _____ * watt - 1000 _____ KW

Dryer: _____ * watt - 1000 _____ KW

Water Heater: _____ * watt - 1000 _____ KW

Other: _____ * watt - 1000 _____ KW

TOTAL OTHER LOAD _____ KW

First 10 KW at 100% _____ KW (c)

Remainder: _____ KW @ 40 % _____ KW (d)

TOTAL CALCULATED LOAD (a + b + c + d): _____ KW

SERVICE RATING

Total Calculation Load _____ KW x 1000 - 240 V _____ Amps

* Numbers to be copied from equipment or appliance.