

DIRECT AIR SALES

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SIZING CHARTS FOR AIR CONDITIONING & HEAT PUMPS

PREMIUM INSULATION (2X6 WALLS)

R19 WALL R38 CEILING R22 FLOOR DOUBLE PANE WINDOWS

HIGH	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'
TEMP	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
90	2	2	2	2	2	2	2 ½	2 ½	2 ½	2 ½	3	3	3	3	3	3 ½
95	2	2	2	2	2	2 ½	2 ½	2 ½	3	3	3	3 ½	3 ½	3 ½	3 ½	4
100	2	2	2	2 ½	2 ½	2 ½	2 ½	3	3	3	3 ½	3 ½	3 ½	3 ½	4	4
105	2 ½	2 ½	2 ½	2 ½	3	3	3	3 ½	3 ½	3 ½	4	4	4	4	4	5
110	2 ½	3	3	3	3	3 ½	3 ½	4	4	4	5	5	5	5	5	5

STANDARD INSULATION (2X4 WALLS)

R13 WALL R30 CEILING R11 FLOOR DOUBLE PANE WINDOWS

HIGH	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'	SQ'
TEMP	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
90	2	2	2	2	2	2 ½	2 ½	2 ½	2 ½	3	3	3	3	3 ½	3 ½	4
95	2	2	2	2 ½	2 ½	2 ½	2 ½	2 ½	3	3	3	3 ½	3 ½	3 ½	4	4
100	2	2 ½	2 ½	2 ½	2 ½	2 ½	3	3	3	3	3 ½	3 ½	3 ½	4	4	5
105	2 ½	2 ½	2 ½	3	3	3	3 ½	3 ½	3 ½	4	4	4	5	5	5	5
110	3	3	3	3 ½	3 ½	3 ½	4	4	4	5	5	5	5	5	5	5

Sizing air conditioning and heat pumps is an exact science based on inexact information. Each home is an individual calculation. Two identical homes placed side by side may have different heating and cooling characteristics due to the lifestyles of the occupants. Therefore, we usually generalize and attempt to find a workable average. The high temperature shown here is not the highest for the year, but usually a figure about 5 degrees lower than the maximum temperature. The numbers 2- 2 ½ -3 -3 ½ -4 -5 represent tons of air conditioning required for either an air conditioning unit or heat pump.

FOR PRICES AND ORDER FORMS CALL DIRECT AIR SALES AT 1-800-667-4609