

MODEL / ROOM SIZE CHART / VENTED HEATERS

			QUICK REFERENCE Based on Ceiling Height of 8 Feet							
Model	BTU/HR Input	BTU/HR Output	Square Feet				Approximate Room Size			
			BTU Zone*				BTU Zone*			
			3	5	7	9	3	5	7	9
DV-55	55,000	42,000	1750	1050	750	583	42 x 42	32 x 32	27 x 27	24 x 24
DVC-35	35,000	27,700	1154	693	495	385	34 x 34	26 x 26	22 x 22	20 x 20
DV-35	35,000	24,500	1021	613	438	340	32 x 32	25 x 25	21 x 21	18 x 18
DV-25	25,000	17,500	729	438	313	243	27 x 27	21 x 21	18 x 18	16 x 16
DV-215	15,000	10,500	438	263	188	146	21 x 21	16 x 16	14 x 14	12 x 12
DV-210	10,000	7,000	292	175	125	97	17 x 17	13 x 13	11 x 11	10 x 10
MV-145	20,000	14,400	600	360	257	200	24 x 24	19 x 19	16 x 16	14 x 14
MV-130	14,000	10,080	420	252	180	140	20 x 20	16 x 16	13 x 13	12 x 12
MV-120	8,400	6,048	252	151	108	84	16 x 16	12 x 12	10 x 10	9 x 9
RH-65	65,000	45,500	1896	1138	813	632	44 x 44	34 x 34	29 x 29	25 x 25
RH-50	50,000	35,000	1458	875	625	486	38 x 38	30 x 30	25 x 25	22 x 22
RH-35	35,000	24,500	1021	613	438	340	32 x 32	25 x 25	21 x 21	18 x 18
RH-25	25,000	17,500	729	438	313	243	27 x 27	21 x 21	18 x 18	16 x 16
GWT-50	50,000	37,000	1542	925	661	514	39 x 39	30 x 30	26 x 26	23 x 23
GWT-35	35,000	25,900	1079	648	463	360	33 x 33	25 x 25	22 x 22	19 x 19
GWT-25	25,000	18,500	771	463	330	257	28 x 28	22 x 22	18 x 18	16 x 16
FAW-40	40,000	31,000	1292	775	554	431	36 x 36	28 x 28	24 x 24	21 x 21
FAW-55	55,000	42,000	1750	1050	750	583	42 x 42	32 x 32	27 x 27	24 x 24
7088	65,000	45,500	1896	1138	813	632	44 x 44	34 x 34	29 x 29	25 x 25
5088	45,000	31,500	1313	788	563	438	36 x 36	28 x 28	24 x 24	21 x 21
3588	32,500	22,750	948	569	406	316	31 x 31	24 x 24	20 x 20	18 x 18
CIDV-30	30,000	21,000	875	525	375	292	30 x 30	23 x 23	19 x 19	17 x 17
CIBV-30	30,000	21,000	875	525	375	292	30 x 30	23 x 23	19 x 19	17 x 17
DVS-30	20,000	14,000	583	350	250	194	24 x 24	19 x 19	16 x 16	14 x 14
DVS-36	25,000	17,500	729	438	313	243	27 x 27	21 x 21	18 x 18	16 x 16
DVS-42	28,000	19,600	817	490	350	272	29 x 29	22 x 22	19 x 19	16 x 16
BWDV-40	38,000	25,000	1042	625	446	347	32 x 32	25 x 25	21 x 21	19 x 19
BWBV-40	38,000	26,000	1083	650	464	361	33 x 33	25 x 25	22 x 22	19 x 19

*See map on opposite side to determine BTU Zone for your location.

**This Chart Shall Be
Used As A Guide Only.**

Consult Your
Installer/Dealer
For Final Model/Size
Determination

**TO DETERMINE BTU
NEEDS FOR AREA**

1. Multiply the square feet of area by the ceiling height to determine cubic feet.
(Length x Width x Height = cubic feet)
2. Determine BTU zone from map on other side either zone 3, 5, 7 or 9.
3. Multiply the cubic feet by your BTU zone (3, 5, 7, 9). This number will be the BTU/HR output that is required to heat your area.
4. Go to the **BTU/HR Output** column to match a closely as possible your BTU needs with heater output. You will notice several models (see **Model** column) of heaters will have the required BTU output to heat your area.
5. Please have your Empire representative explain the features of the different types of heaters available for your area.

EXAMPLE:

Room size is 20' x 20'
Ceiling height is 8'
BTU Zone is 7

20' x 20' x 8' x 7 = 22,400
BTU/HR Output

Models available = DV-35, RH-35
GWT-35, 3588

Check QUICK REFERENCE section for sample room sizes and square footage that each heater will cover.

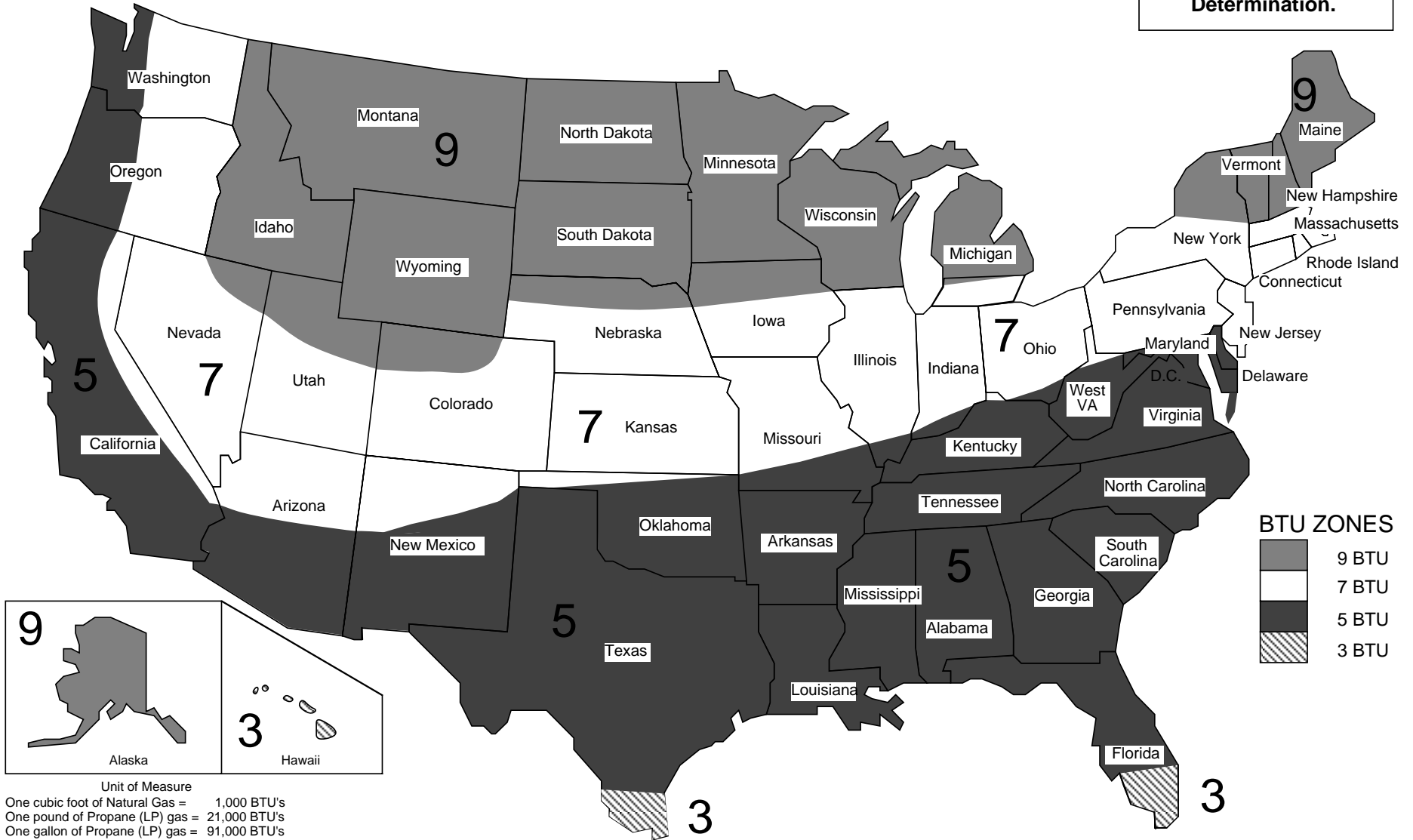


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- Note:
- Not all heater models are allowed by some local codes; i.e., vent-free. Be sure the heater model you have chosen is allowed in your area.
 - At high altitudes additional heat may be required.
 - If you have a single room with 4 exterior walls, additional heat may be required.

EMPIRE COMFORT SYSTEMS HEATER SIZING CHART

**This Chart Shall Be
Used As A Guide Only.
Consult Your
Installer/Dealer
For Final Model/Size
Determination.**



This chart is for rooms with average insulation and windows for your BTU zone. The sizing chart is based on a 72° temperature. To maintain higher room temperature, use the next higher BTU zone.