

	<b>Heat requirement (Btu per hour)</b>	<b>Swine (150 pounds)</b>	<b>Dairy (1,200 pounds)</b>	<b>Poultry (4 pound bird)</b>	<b>Beef (1,000 pounds)</b>
Kitchen range <sup>1</sup>	65,000	77	14	1,547	11
Water heater <sup>2</sup>	45,000	107	20	2,143	15
Refrigerator <sup>3</sup>	3,000	22	4	429	3
Heat 1,500 square foot home <sup>4</sup>	37,500	535	99	10,714	72
In-bin grain drying heater <sup>5</sup>	2 million	14,285	2,631	285,714	1,923
50 hp tractor operating at full load <sup>6</sup>	637,000	4,550	838	91,000	612

<sup>1</sup>Assumed to operate 2 hours per day, i.e., 24-hr average of 5,417 Btu per hour

<sup>2</sup>Assumed to operate 4 hours per day, 24-hr average = 7,500 Btu per hour

<sup>3</sup>Assumed to operate 12 hours per day, 24-hr average = 1,500 Btu per hour

<sup>4</sup>Assumed 25 Btu per hour per square foot heat requirement

<sup>5</sup>Assumed to operate 12 hours per day during drying season, 24-hr average = 1 million Btu per hour

<sup>6</sup>Assumed to operate 12 hours per day, 24-hr average = 318,500 Btu per hour