

Waste Oil Heater Sizing Chart

BTU Calculator



Step 1

Calculate your cubic footage.

to determine which EnergyLogic Waste Oil Heater is best for your space.

Cubic Footage Formula

$$\text{Length} \times \text{Height} \times \text{Width} = \text{Cubic Feet}$$

Step 2

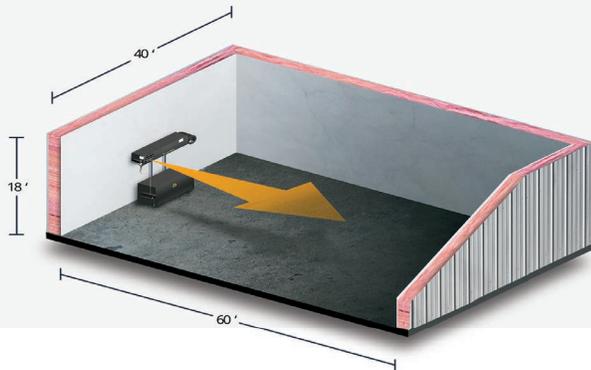
Determine BTU's required.

by multiplying your cubic feet by x3 or x4, depending on your space. Use the *insulation multipliers* chart (to the right) to decide which number is appropriate for you.

Insulation Multipliers

x3 Moderately to well-insulated spaces and new construction.

x4 Minimally to non-insulated spaces, or spaces with frequently opening shop doors and a higher need for quick heat recovery.



Example

If insulation multiplier **x3** is appropriate:
 $43,200 \text{ CF} \times 3 = 129,600 \text{ BTU's}$

If insulation multiplier **x4** is appropriate:
 $43,200 \text{ CF} \times 4 = 172,800 \text{ BTU's}$

Step 3

Select a waste oil heater.

Once you have the BTU requirements, select a furnace from below.

Example Scenario

In the example above, the x3 insulation multiplier would require an EL140H heater, while the same sized space with the x4 insulation multiplier would require an EL200H.



The EL140H
140,000 BTU Waste Oil Heater
Heats up to 3,500 square feet.



The EL200H
200,000 BTU Waste Oil Heater
Heats up to 5,000 square feet.



The EL350H
350,000 BTU Waste Oil Heater
Heats up to 9,000 square feet.