

Firstly measure the room you wish to heat and calculate the floor area. Then multiply the area by the watts per metre squared figure. Allow **100 to 150 watts of heating per square metre** of floor area. If the calculation result falls between heater sizes, choose the larger size to ensure effective and efficient operation. Slim-Line have a mounted depth of just 85mm. Available sizes – 500W, 1000W, 1500W, 2000W & 2500W. .

Watts per Square metre:

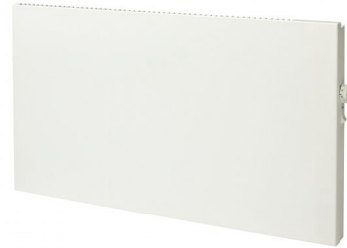
- 100 watts/m² for a modern **well insulated** home.
- Up to 150 watts/m² for an older **un-insulated** home.

Example 1:

- New home, well **insulated**, room size - 3 metres x 4 metres.
- 3m x 4m x 100W/m² = 1200 watts, choose 1500W E1115 Slim-Line E heater.

Example 2:

- Old villa type home, **un-insulated**, room size – 5.5 metres x 4.5 metres.
- 5.5m x 4.5m x 150W/m² = 3700 watts, choose 2 x 2000W Slim-Line E heaters.



OR simply use the tables below to estimate your heating required.

Guide to Choosing the Correct Heater Size for Your Room - kilowatts (kW)

Wall Length (metres)

| Wall Width (metres) | Wall Length (metres) | | | | | | | | | | | | | | | | |
|---------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 |
| 10.0 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 |
| 9.5 | 1.9 | 2.4 | 2.9 | 3.3 | 3.8 | 4.3 | 4.8 | 5.2 | 5.7 | 6.2 | 6.7 | 7.1 | 7.6 | 8.1 | 8.6 | 9.0 | |
| 9.0 | 1.8 | 2.3 | 2.7 | 3.2 | 3.6 | 4.1 | 4.5 | 5.0 | 5.4 | 5.9 | 6.3 | 6.8 | 7.2 | 7.7 | 8.1 | | |
| 8.5 | 1.7 | 2.1 | 2.6 | 3.0 | 3.4 | 3.8 | 4.3 | 4.7 | 5.1 | 5.5 | 6.0 | 6.4 | 6.8 | 7.2 | | | |
| 8.0 | 1.6 | 2.0 | 2.4 | 2.8 | 3.2 | 3.6 | 4.0 | 4.4 | 4.8 | 5.2 | 5.6 | 6.0 | 6.4 | | | | |
| 7.5 | 1.5 | 1.9 | 2.3 | 2.6 | 3.0 | 3.4 | 3.8 | 4.1 | 4.5 | 4.9 | 5.3 | 5.6 | | | | | |
| 7.0 | 1.4 | 1.8 | 2.1 | 2.5 | 2.8 | 3.2 | 3.5 | 3.9 | 4.2 | 4.6 | 4.9 | | | | | | |
| 6.5 | 1.3 | 1.6 | 2.0 | 2.3 | 2.6 | 2.9 | 3.3 | 3.6 | 3.9 | 4.2 | | | | | | | |
| 6.0 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | | | | | | | | |
| 5.5 | 1.1 | 1.4 | 1.7 | 1.9 | 2.2 | 2.5 | 2.8 | 3.0 | | | | | | | | | |
| 5.0 | 1.0 | 1.3 | 1.5 | 1.8 | 2.0 | 2.3 | 2.5 | | | | | | | | | | |
| 4.5 | 0.9 | 1.1 | 1.4 | 1.6 | 1.8 | 2.0 | | | | | | | | | | | |
| 4.0 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | | | | | | | | | | | | |
| 3.5 | 0.7 | 0.9 | 1.1 | 1.2 | | | | | | | | | | | | | |
| 3.0 | 0.6 | 0.8 | 0.9 | | | | | | | | | | | | | | |
| 2.5 | 0.5 | 0.6 | | | | | | | | | | | | | | | |
| 2.0 | 0.4 | | | | | | | | | | | | | | | | |

| Model | Output (W) | Length (mm) | Depth (mm) - installed |
|-------|------------|-------------|---------------------------|
| E1105 | 500 | 370 | 85 |
| E1110 | 1000 | 540 | 85 |
| E1115 | 1500 | 730 | 85 |
| E1120 | 2000 | 950 | 85 |
| E1125 | 2500 | 1175 | 85 |

| Wall Width (metres) | Wall Length (metres) | | | | | | | | | | | | | | | | |
|---------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 |
| 2.0 | 0.6 | | | | | | | | | | | | | | | | |
| 2.5 | 0.8 | 0.9 | | | | | | | | | | | | | | | |
| 3.0 | 0.9 | 1.1 | 1.4 | | | | | | | | | | | | | | |
| 3.5 | 1.1 | 1.3 | 1.6 | 1.8 | | | | | | | | | | | | | |
| 4.0 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | | | | | | | | | | | | |
| 4.5 | 1.4 | 1.7 | 2.0 | 2.4 | 2.7 | 3.0 | | | | | | | | | | | |
| 5.0 | 1.5 | 1.9 | 2.3 | 2.6 | 3.0 | 3.4 | 3.8 | | | | | | | | | | |
| 5.5 | 1.7 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 | 4.5 | | | | | | | | | |
| 6.0 | 1.8 | 2.3 | 2.7 | 3.2 | 3.6 | 4.1 | 4.5 | 5.0 | 5.4 | | | | | | | | |
| 6.5 | 2.0 | 2.4 | 2.9 | 3.4 | 3.9 | 4.4 | 4.9 | 5.4 | 5.9 | 6.3 | | | | | | | |
| 7.0 | 2.1 | 2.6 | 3.2 | 3.7 | 4.2 | 4.7 | 5.3 | 5.8 | 6.3 | 6.8 | 7.4 | | | | | | |
| 7.5 | 2.3 | 2.8 | 3.4 | 3.9 | 4.5 | 5.1 | 5.6 | 6.2 | 6.8 | 7.3 | 7.9 | 8.4 | | | | | |
| 8.0 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 | 6.6 | 7.2 | 7.8 | 8.4 | 9.3 | 9.6 | | | | |
| 8.5 | 2.6 | 3.2 | 3.8 | 4.5 | 5.1 | 5.7 | 6.4 | 7.0 | 7.7 | 8.3 | 8.9 | 9.6 | 10.2 | 10.8 | | | |
| 9.0 | 2.7 | 3.4 | 4.1 | 4.7 | 5.4 | 6.1 | 6.8 | 7.4 | 8.1 | 8.8 | 9.5 | 10.1 | 10.8 | 11.5 | 12.2 | | |
| 9.5 | 2.9 | 3.6 | 4.3 | 5.0 | 5.7 | 6.4 | 7.1 | 7.8 | 8.6 | 9.3 | 10.0 | 10.7 | 11.4 | 12.1 | 12.8 | 13.5 | |
| 10.0 | 3.0 | 3.8 | 4.5 | 5.3 | 6.0 | 6.8 | 7.5 | 8.3 | 9.0 | 9.8 | 10.5 | 11.3 | 12.0 | 12.8 | 13.5 | 14.3 | 15.0 |

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