

First measure the room 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.

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 1500 watt Heater.

Example 2:

- Old Villa type home, **un-insulated**, room size - 3 metres x 4 metres.
- 3m x 4m x 150W/m² = 1800 watts, choose 2000 watt Heater.



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

		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	
Wall Width (metres)	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																		
		Modern Well Insulated Home																	
Wall Width (metres)	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		
		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	
		Older Uninsulated Insulated																	
		Wall Length (metres)																	

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