

# **Huum Heater Cubic Footage**

Model	KW (240v)	Breaker Size	Wire Size	Cubic F/M Min-Max
Drop 4.5	4.5KW	30 amp	10	106-247ft <sup>3</sup> (3-7m <sup>3</sup> )
Drop 6	6KW	30	10	177-353ft <sup>3</sup> (5-10m <sup>3</sup> )
Drop 7	7.5KW	40	8	230-441ft <sup>3</sup> (7-12m <sup>3</sup> )
Drop 9	9KW	50	8	282-530ft <sup>3</sup> (8-15m <sup>3</sup> )
Hive Mini 6	6KW	30	10	176-282ft³ (5-8m³)
Hive Mini 9	9KW	50	8	318-530ft <sup>3</sup> (9-15m <sup>3</sup> )

 Huum Electric Heaters are imported from Estonia and come with a 5-year Residential Warranty.

Sauna heaters must be wired by a professional electrician.

- GFCI Breaker NOT Required for Electric Sauna Heaters.
- Electrical Requirements (Amp & Wire Size) are Guidelines Only, refer to a professional electrician to make the final decision based on the location and other factors of your sauna.

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# Calculated volume

# **Imperial**

- For any uninsulated brick, tile, or glass walls in the sauna room, an additional volume of **4,8 ft³** must be added to the sauna room for each **1 ft²** of such wall.
- If a part of the sauna is non-insulated, then the calculations are the following:
- ♦ True volume of the sauna + glass/stone surface x 4,8
- example: 7 x 7 x 7 ft sauna room's true volume = 343ft<sup>3</sup> With a glass door with a surface of 14ft<sup>2</sup> and a window with a surface of 11ft<sup>2</sup>
- Calculated volume =  $343 + (14 \times 4.8) + (11 \times 4.8) = 463 \text{ft}^3$
- If the **whole sauna is non-insulated**, then the calculations are the following:
- Calculated volume =  $[343 + (14 \times 4.8) + (11 \times 4.8)] \times 1.5 = 694, 5 \text{ ft}^3$



**OF SAUNA** 

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# Calculated volume

# Metric

- For any uninsulated brick, tile, or glass walls in the sauna room, an additional volume of **1,5 m³** must be added to the sauna room for each **square meter** of such wall.
- If a part of the sauna is non-insulated, then the calculations are the following:
- **♦** True volume of the sauna + glass/stone surface x 1,5
- example:  $2 \times 2 \times 2m$  sauna room's true volume =  $8m^3$  With a glass door with a surface of  $1,3m^2$  and a window with a surface of  $1m^2$
- Calculated volume =  $8 + 1,3x1,5 + 1x1,5 = 11,45m^3$
- If the **whole sauna is non-insulated**, then the calculations are the following:
- Calculated volume = (8 + 1,3x1,5 + 1x1,5) x 1,5 ~ 17m³



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