

Heating Plant Sizing Summary for ALT1 - Hot Water Boiler Plant

Hospital Lumiar_1
ISEL

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1. Plant Information:

Plant Name **ALT1 - Hot Water Boiler Plant**
Plant Type **Hot Water Boiler Plant**
Design Weather **Lisbon, Portugal**

2. Heating Plant Sizing Data:

Maximum Plant Load **31,7** kW
Load occurs at **Winter Design**
W/m² **48,1** W/m²
Floor area served by plant **658,7** m²

3. Coincident Air System Heating Loads for Winter Design

| Air System Name | Mult. | System Heating Coil Load (kW) |
|-----------------|-------|---------------------------------|
| UTAN ESP. | 1 | 1,4 |
| UTAN GERAL + VE | 1 | 30,3 |

System loads are for coils whose heating source is ' Hot Water ' .