

## Ground Recommendation

### 1) Main Hall

#### Room Information

Length	14.1 m
Breadth	6.3 m
Height	2.4 m
Window Area	9 m <sup>2</sup>
Outside Walls	3
Room Level	Ground
Outside wall 'U' value	1.6
Roof 'U' value	2
Window 'U' value	3.2
Floor 'U' value	0.8
Approx. External Temperature	-3
Approx. Room Temperature	18
Product Type	Panel Convector

Based upon the above information we recommend the following. Please bear in mind these calculations are a guide to the kiloWatt loading required for the product(s) you have selected. You will need to select a heater which has a loading the same as or greater than the figure shown.

#### No.

#### Room

#### Total input rating required

1

Hall

11.99 kW of Panel Convector

### 2) Ground Keepers Room

#### Room Information

Length	2.9 m
Breadth	1.9 m
Height	2.4 m
Window Area	1.8 m <sup>2</sup>
Outside Walls	2
Room Level	Ground
Outside wall 'U' value	1.6
Roof 'U' value	2
Window 'U' value	3.2

Floor 'U' value	0.8
Approx. External Temperature	-3
Approx. Room Temperature	21
Product Type	Panel Convector

Based upon the above information we recommend the following. Please bear in mind these calculations are a guide to the kiloWatt loading required for the product(s) you have selected. You will need to select a heater which has a loading the same as or greater than the figure shown.

**No.**  
**Room**  
**Total input rating required**  
2  
Dining Room  
1.43 kW of Panel Convector

### 1) Hallway

<b>Room Information</b>	
Length	15.5 m
Breadth	1 m
Height	2.4 m
Window Area	0 m <sup>2</sup>
Outside Walls	1
Room Level	Ground
Outside wall 'U' value	0.6
Roof 'U' value	2
Window 'U' value	3.2
Floor 'U' value	0.8
Approx. External Temperature	-3
Approx. Room Temperature	18
Product Type	Panel Convector

Based upon the above information we recommend the following. Please bear in mind these calculations are a guide to the kiloWatt loading required for the product(s) you have selected. You will need to select a heater which has a loading the same as or greater than the figure shown.

**No.**  
**Room**  
**Total input rating required**  
1  
Hallway  
2.34 kW of Panel Convector