

Date 6th Jan 2026

Project London Office

Project no. 33

Engineer KAL

Checked by

Date checked

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Design basis

Outside design temperature -4 °C

Heat loss model Complex model

Main system of heating : Warm floor

Rooms included Room 04 selected

Summary results

Room ref.	No. off	Inside temp.	Fabric loss (W)	Infiltration loss (W)	Total loss (W)
04	1	20	89756	6756	96511

Project London Office

Outside design temperature -4 °C
Heat loss model Complex model
Main system of heating : Warm floor
Rooms included Room 04 selected

Project total heat losses

Total exposed wall loss	26248	W
Total exposed roof loss	58436	W
Total exposed floor loss	0	W
Total internal floor loss	0	W
Total internal ceiling loss	0	W
Total internal partition loss	0	W
Total window loss	5072	W
Total rooflight loss	0	W
Total infiltration loss	6756	W
Total fixed air loss	0	W
Total Heat loss	96511	W

Total floor area	1045	m ²	92.34	W/m ²
Total volume	2822.05	m ³	34.2	W/m ³

Pre-heat period (hrs)	Plant ratio	Plant boosted output (kW)
0	1.67	160.75
1	1.59	153.45
2	1.52	146.79
3	1.46	140.68
4	1.40	135.06
5	1.35	129.88
6	1.30	125.07
7	1.25	120.61
8	1.21	116.46