

Heat Loss Calculations (EN12831)				
Project REF: 49886157				
Room Name	Design Temp (°C)	Power (W/m ²)	Area (m ²)	Power (W)
Entrance	18	97	4.64	451
Hall	18	34	20.00	685
Games Room	21	43	24.40	1051
Gym	18	33	14.00	461
Shower Room	21	61	2.55	156
Study	21	67	10.00	672
Landing/landing 2 (open plan rooms)	18	49	24.00	1167
Bathroom	22	93	8.82	819
Bedroom 3	18	37	14.80	552
Study	21	72	5.50	397
Bedroom 2	18	34	23.10	778
Shower Room	21	62	4.76	295
Shower Room	21	60	6.67	399
Dressing Room	18	32	6.44	208

Heat Loss Calculations (EN12831)				
Project REF: 49886157				
Room Name	Design Temp (°C)	Power (W/m ²)	Area (m ²)	Power (W)
Bedroom 1	18	33	21.70	717
Lounge / Sitting Room	21	46	46.50	2159
Kitchen	18	56	18.00	1008
Bedroom	18	28	28.00	772
Dressing Room	18	37	2.86	105
Shower Room	21	58	4.62	266
Bedroom 5	18	28	12.80	364
Bedroom 6	18	29	12.16	351
Totals			316.32	13833