



Load Short Form
Entire House
 Company Name

Job: Job Number
 Date: Jan 1, 2099
 By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

For: Mr and Mrs. Home Owner
 123 Main Street, City, State 1234
 Phone: XXX XX XXXX Fax: XXX XX XXXX
 Email: TheHomeOwners@email.com.au

Design Information

	Htg	Clg		Infiltration
Outside db (°C)	-25	37	Method	Simplified
Inside db (°C)	21	24	Construction quality	Semi-tight
Design TD (°C)	46	13	Fireplaces	0
Daily range	-	L		
Inside humidity (%)	50	50		
Moisture difference (g/kg)	7.5	5.8		

HEATING EQUIPMENT

Make
 Trade
 Model
 AHRI ref

Efficiency 80 AFUE
 Heating input 0 kW
 Heating output 0 kW
 Temperature rise 0 °C
 Actual air flow 1419 L/s
 Air flow factor 0.030 L/s-W
 Static pressure 0 Pa
 Space thermostat

COOLING EQUIPMENT

Make
 Trade
 Cond
 Coil
 AHRI ref

Efficiency 0 SEER
 Sensible cooling 0 kW
 Latent cooling 0 kW
 Total cooling 0 kW
 Actual air flow 1419 L/s
 Air flow factor 0.073 L/s-W
 Static pressure 0 Pa
 Load sensible heat ratio 0.90

ROOM NAME	Area (m ²)	Htg load (W)	Clg load (W)	Htg AVF (L/s)	Clg AVF (L/s)
ZONE 1	48.1	8306	3488	247	256
ZONE 2	82.4	13504	5840	401	429
ZONE 3	80.3	11622	6342	345	466
ZONE 4	84.5	9314	3653	277	268
ZONE 5	33.9	5049	2222	150	163
(Unconditioned)	55.5	0	0	0	0
Entire House	384.7	47795	19333	1419	1419
Other equip loads		0	0		
Equip. @ 1.04 RSM			20107		
Latent cooling			2089		
TOTALS	384.7	47795	22196	1419	1419

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Load Short Form ZONE 1

Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Information

	Htg	Clg		Infiltration	
Outside db (°C)	-25	37	Method		Simplified
Inside db (°C)	21	24	Construction quality		Semi-tight
Design TD (°C)	46	13	Fireplaces		0
Daily range	-	L			
Inside humidity (%)	50	50			
Moisture difference (g/kg)	7.5	5.8			

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 kW
Temperature rise	0 °C
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 kW
Latent cooling	0 kW
Total cooling	0 kW
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Load sensible heat ratio	0

ROOM NAME	Area (m ²)	Htg load (W)	Clg load (W)	Htg AVF (L/s)	Clg AVF (L/s)
WC	1.9	1546	476	46	35
BED 1	30.0	4636	2236	138	164
ENS	6.8	1387	524	41	38
WIR	9.5	736	252	22	19
ZONE 1	48.1	8306	3488	247	256
Other equip loads		0	0		
Equip. @ 1.04 RSM			3628		
Latent cooling			538		
TOTALS	48.1	8306	4165	247	256

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Load Short Form ZONE 2

Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Information

	Htg	Clg		Infiltration	
Outside db (°C)	-25	37	Method		Simplified
Inside db (°C)	21	24	Construction quality		Semi-tight
Design TD (°C)	46	13	Fireplaces		0
Daily range	-	L			
Inside humidity (%)	50	50			
Moisture difference (g/kg)	7.5	5.8			

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 kW
Temperature rise	0 °C
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 kW
Latent cooling	0 kW
Total cooling	0 kW
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Load sensible heat ratio	0

ROOM NAME	Area (m ²)	Htg load (W)	Clg load (W)	Htg AVF (L/s)	Clg AVF (L/s)
KITCHEN	33.7	6718	3171	199	233
LAUNDRY	6.8	443	264	13	19
LINEN	2.9	146	55	4	4
DRYING	2.7	452	115	13	8
PANTRY	5.9	403	137	12	10
STUDY	17.1	1486	624	44	46
CORRIDOR 2	5.5	1707	568	51	42
CORRIDOR	7.8	2150	907	64	67

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

ZONE 2	82.4	13504	5840	401	429
Other equip loads		0	0		
Equip. @ 1.04 RSM			6074		
Latent cooling			775		
TOTALS	82.4	13504	6849	401	429

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Load Short Form ZONE 3

Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Information

	Htg	Clg		Infiltration	
Outside db (°C)	-25	37	Method		Simplified
Inside db (°C)	21	24	Construction quality		Semi-tight
Design TD (°C)	46	13	Fireplaces		0
Daily range	-	L			
Inside humidity (%)	50	50			
Moisture difference (g/kg)	7.5	5.8			

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 kW
Temperature rise	0 °C
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 kW
Latent cooling	0 kW
Total cooling	0 kW
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Load sensible heat ratio	0

ROOM NAME	Area (m ²)	Htg load (W)	Clg load (W)	Htg AVF (L/s)	Clg AVF (L/s)
DINING	22.5	2372	1545	70	113
LIVING	39.4	7721	4248	229	312
CORRIDOR 3	18.4	1529	550	45	40
ZONE 3	80.3	11622	6342	345	466
Other equip loads		0	0		
Equip. @ 1.04 RSM			6596		
Latent cooling			105		
TOTALS	80.3	11622	6701	345	466

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Load Short Form ZONE 4

Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Information

	Htg	Clg		Infiltration
Outside db (°C)	-25	37	Method	Simplified
Inside db (°C)	21	24	Construction quality	Semi-tight
Design TD (°C)	46	13	Fireplaces	0
Daily range	-	L		
Inside humidity (%)	50	50		
Moisture difference (g/kg)	7.5	5.8		

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 kW
Temperature rise	0 °C
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 kW
Latent cooling	0 kW
Total cooling	0 kW
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Load sensible heat ratio	0

ROOM NAME	Area (m ²)	Htg load (W)	Clg load (W)	Htg AVF (L/s)	Clg AVF (L/s)
BED 2	19.3	1711	704	51	52
BED 4	20.4	2648	879	79	64
BED 3	18.6	1319	608	39	45
BATH	10.6	654	316	19	23
WC 2	2.0	1148	330	34	24
CORRIDOR 4	13.6	1835	816	54	60
ZONE 4	84.5	9314	3653	277	268
Other equip loads		0	0		
Equip. @ 1.04 RSM			3799		
Latent cooling			616		
TOTALS	84.5	9314	4415	277	268

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Load Short Form ZONE 5

Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Information

	Htg	Clg		Infiltration	
Outside db (°C)	-25	37	Method		Simplified
Inside db (°C)	21	24	Construction quality		Semi-tight
Design TD (°C)	46	13	Fireplaces		0
Daily range	-	L			
Inside humidity (%)	50	50			
Moisture difference (g/kg)	7.5	5.8			

HEATING EQUIPMENT

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a
Efficiency	n/a
Heating input	
Heating output	0 kW
Temperature rise	0 °C
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Space thermostat	n/a

COOLING EQUIPMENT

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a
AHRI ref	n/a
Efficiency	n/a
Sensible cooling	0 kW
Latent cooling	0 kW
Total cooling	0 kW
Actual air flow	0 L/s
Air flow factor	0 L/s-W
Static pressure	0 Pa
Load sensible heat ratio	0

ROOM NAME	Area (m ²)	Htg load (W)	Clg load (W)	Htg AVF (L/s)	Clg AVF (L/s)
THEATER	33.9	5049	2222	150	163
ZONE 5	33.9	5049	2222	150	163
Other equip loads		0	0		
Equip. @ 1.04 RSM			2311		
Latent cooling			55		
TOTALS	33.9	5049	2366	150	163

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Information

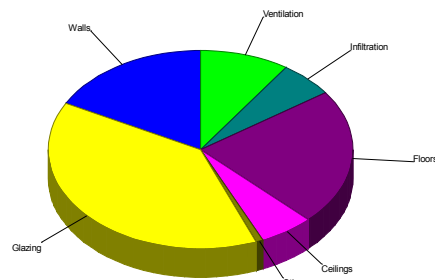
For: Mr and Mrs. Home Owner
 123 Main Street, City, State 1234
 Phone: XXX XX XXXX Fax: XXX XX XXXX
 Email: TheHomeOwners@email.com.au

Design Conditions

Location: Example City, XX Elevation: 23.5 m Latitude: 33°N	Indoor: Indoor temperature (°C) Design TD (°C) Relative humidity (%) Moisture difference (g/kg)	Heating 21.1 46.1 50 7.53	Cooling 23.9 13.3 50 5.76
Outdoor: Dry bulb (°C) Daily range (°C) Wet bulb (°C) Wind speed (m/s)	Heating -25.0 - - 6.71	Cooling 37.2 5.6 (L) 25.0 3.35	Infiltration: Method Construction quality Fireplaces
		Simplified Semi-tight 0	

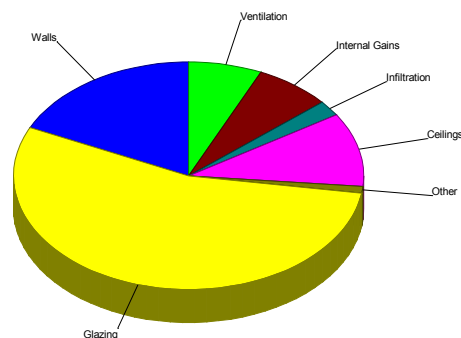
Heating

Component	W/m²	W	% of load
Walls	23	8250	17.3
Glazing	211	18479	38.7
Doors	23	365	0.8
Ceilings	7	2779	5.8
Floors	28	10632	22.2
Infiltration	6	2766	5.8
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		4523	9.5
Adjustments		0	0
Total		47795	100.0



Cooling

Component	W/m²	W	% of load
Walls	10	3491	18.1
Glazing	121	10543	54.5
Doors	11	178	0.9
Ceilings	5	2030	10.5
Floors	0	0	0
Infiltration	1	421	2.2
Ducts		0	0
Ventilation		1308	6.8
Internal gains		1363	7.0
Blower		0	0
Adjustments		0	0
Total		19333	100.0



Latent Cooling Load = 2089 W
 Overall U-value = 0.81 W/m²·°C

Data entries checked.



Building Analysis ZONE 1 Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

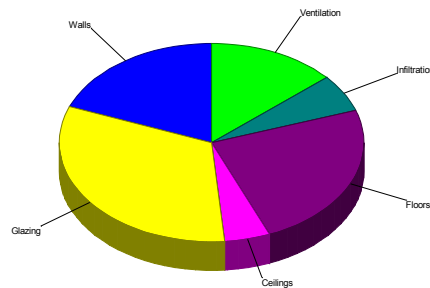
For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Conditions

Location: Example City, XX Elevation: 23.5 m Latitude: 33°N		Indoor: Indoor temperature (°C) Design TD (°C) Relative humidity (%) Moisture difference (g/kg)	Heating 21.1 46.1 50 7.53	Cooling 23.9 13.3 50 5.76
Outdoor: Dry bulb (°C) Daily range (°C) Wet bulb (°C) Wind speed (m/s)	Heating -25.0 - - 6.71	Cooling 37.2 5.6 (L) 25.0 3.35	Infiltration: Method Construction quality Fireplaces	Simplified Semi-tight 0

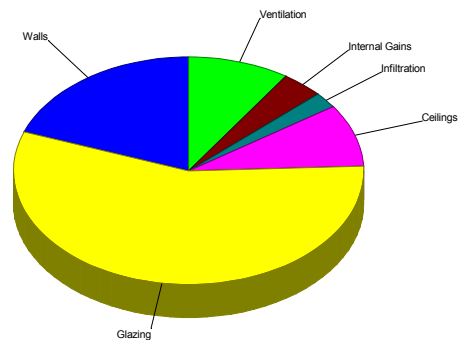
Heating

Component	W/m ²	W	% of load
Walls	28	1586	19.1
Glazing	219	2679	32.3
Doors	0	0	0
Ceilings	8	403	4.9
Floors	42	1997	24.0
Infiltration	7	510	6.1
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		1131	13.6
Adjustments		0	0
Total		8306	100.0



Cooling

Component	W/m ²	W	% of load
Walls	12	679	19.5
Glazing	160	1960	56.2
Doors	0	0	0
Ceilings	6	311	8.9
Floors	0	0	0
Infiltration	1	78	2.2
Ducts		0	0
Ventilation		327	9.4
Internal gains		135	3.9
Blower		0	0
Adjustments		0	0
Total		3488	100.0



Latent Cooling Load = 538 W
Overall U-value = 0.87 W/m²-°C

WARNING: window to floor area ratio = 25.5% - more than 25%.



Building Analysis ZONE 2

Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

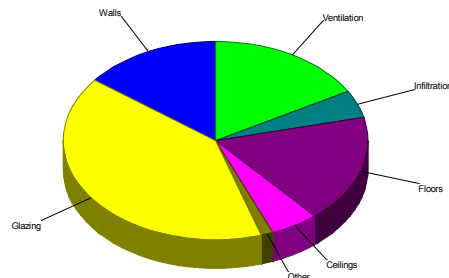
For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Conditions

Location: Example City, XX Elevation: 23.5 m Latitude: 33°N		Indoor: Indoor temperature (°C) Design TD (°C) Relative humidity (%) Moisture difference (g/kg)	Heating 21.1 46.1 50 7.53	Cooling 23.9 13.3 50 5.76
Outdoor: Dry bulb (°C) Daily range (°C) Wet bulb (°C) Wind speed (m/s)	Heating -25.0 - - 6.71	Cooling 37.2 5.6 (L) 25.0 3.35	Infiltration: Method Construction quality Fireplaces	Simplified Semi-tight 0

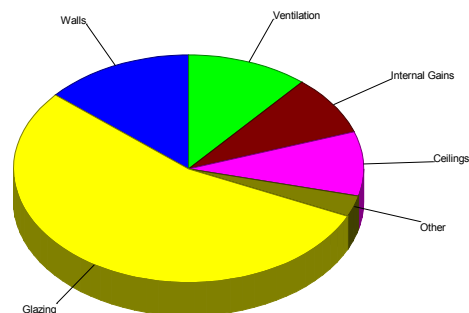
Heating

Component	W/m ²	W	% of load
Walls	28	1967	14.6
Glazing	237	5441	40.3
Doors	102	172	1.3
Ceilings	8	690	5.1
Floors	29	2368	17.5
Infiltration	7	604	4.5
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		2262	16.7
Adjustments		0	0
Total		13504	100.0



Cooling

Component	W/m ²	W	% of load
Walls	11	803	13.8
Glazing	139	3177	54.4
Doors	50	84	1.4
Ceilings	6	532	9.1
Floors	0	0	0
Infiltration	1	92	1.6
Ducts		0	0
Ventilation		654	11.2
Internal gains		498	8.5
Blower		0	0
Adjustments		0	0
Total		5840	100.0



Latent Cooling Load = 775 W
Overall U-value = 0.89 W/m²-°C

WARNING: window to floor area ratio = 27.8% - more than 25%.



Building Analysis ZONE 3 Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

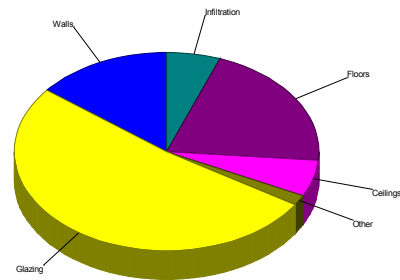
For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Conditions

Location: Example City, XX Elevation: 23.5 m Latitude: 33°N		Indoor: Indoor temperature (°C) Design TD (°C) Relative humidity (%) Moisture difference (g/kg)	Heating 21.1 46.1 50 7.53	Cooling 23.9 13.3 50 5.76
Outdoor: Dry bulb (°C) Daily range (°C) Wet bulb (°C) Wind speed (m/s)	Heating -25.0 - - 6.71	Cooling 37.2 5.6 (L) 25.0 3.35	Infiltration: Method Construction quality Fireplaces	Simplified Semi-tight 0

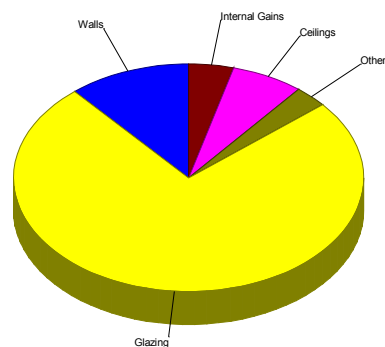
Heating

Component	W/m²	W	% of load
Walls	28	1670	14.4
Glazing	211	6000	51.6
Doors	102	194	1.7
Ceilings	8	694	6.0
Floors	30	2399	20.6
Infiltration	7	665	5.7
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		0	0
Adjustments		0	0
Total		11622	100.0



Cooling

Component	W/m²	W	% of load
Walls	12	714	11.3
Glazing	167	4747	74.8
Doors	50	95	1.5
Ceilings	5	422	6.6
Floors	0	0	0
Infiltration	1	101	1.6
Ducts		0	0
Ventilation		0	0
Internal gains		264	4.2
Blower		0	0
Adjustments		0	0
Total		6342	100.0



Latent Cooling Load = 105 W
Overall U-value = 0.92 W/m²-°C

WARNING: window to floor area ratio = 35.5% - more than 25%.



Building Analysis

ZONE 4

Company Name

Job: Job Number

Date: Jan 1, 2099

By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

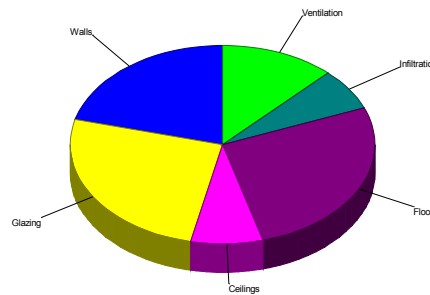
For: Mr and Mrs. Home Owner
 123 Main Street, City, State 1234
 Phone: XXX XX XXXX Fax: XXX XX XXXX
 Email: TheHomeOwners@email.com.au

Design Conditions

Location: Example City, XX Elevation: 23.5 m Latitude: 33°N		Indoor: Indoor temperature (°C) Design TD (°C) Relative humidity (%) Moisture difference (g/kg)	Heating 21.1 46.1 50 7.53	Cooling 23.9 13.3 50 5.76
Outdoor: Dry bulb (°C) Daily range (°C) Wet bulb (°C) Wind speed (m/s)	Heating -25.0 - - 6.71	Cooling 37.2 5.6 (L) 25.0 3.35	Infiltration: Method Construction quality Fireplaces	Simplified Semi-tight 0

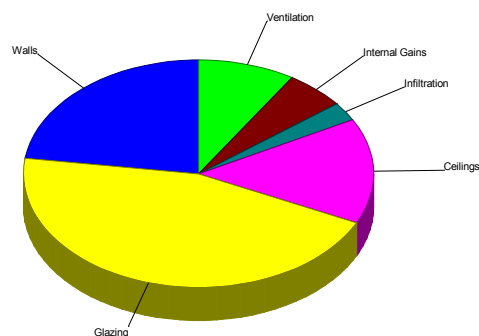
Heating

Component	W/m²	W	% of load
Walls	27	1950	20.9
Glazing	179	2395	25.7
Doors	0	0	0
Ceilings	8	708	7.6
Floors	30	2494	26.8
Infiltration	7	637	6.8
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		1131	12.1
Adjustments		0	0
Total		9314	100.0



Cooling

Component	W/m²	W	% of load
Walls	11	834	22.8
Glazing	123	1647	45.1
Doors	0	0	0
Ceilings	6	546	14.9
Floors	0	0	0
Infiltration	1	97	2.7
Ducts		0	0
Ventilation		327	9.0
Internal gains		202	5.5
Blower		0	0
Adjustments		0	0
Total		3653	100.0



Latent Cooling Load = 616 W
 Overall U-value = 0.64 W/m²-°C

Data entries checked.



Building Analysis ZONE 5 Company Name

Job: Job Number
Date: Jan 1, 2099
By:

123 Corporate Lane, City, State 1234 Phone: XXX XX XXXX Email: IndustryProfessional@email.com.au

Project Information

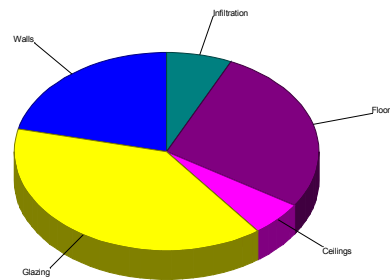
For: Mr and Mrs. Home Owner
123 Main Street, City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
Email: TheHomeOwners@email.com.au

Design Conditions

Location: Example City, XX Elevation: 23.5 m Latitude: 33°N			Indoor: Indoor temperature (°C) Design TD (°C) Relative humidity (%) Moisture difference (g/kg)	Heating 21.1 46.1 50 7.53	Cooling 23.9 13.3 50 5.76
Outdoor: Dry bulb (°C) Daily range (°C) Wet bulb (°C) Wind speed (m/s)	Heating -25.0 - - 6.71	Cooling 37.2 5.6 (L) 25.0 3.35	Infiltration: Method Construction quality Fireplaces	Simplified Semi-tight 0	

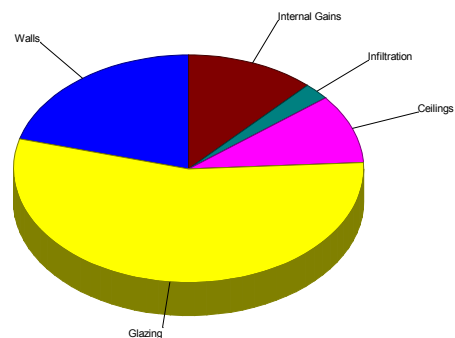
Heating

Component	W/m²	W	% of load
Walls	28	1077	21.3
Glazing	220	1964	38.9
Doors	0	0	0
Ceilings	8	284	5.6
Floors	40	1373	27.2
Infiltration	7	351	6.9
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		0	0
Adjustments		0	0
Total		5049	100.0



Cooling

Component	W/m²	W	% of load
Walls	12	461	20.7
Glazing	137	1225	55.1
Doors	0	0	0
Ceilings	6	219	9.9
Floors	0	0	0
Infiltration	1	53	2.4
Ducts		0	0
Ventilation		0	0
Internal gains		264	11.9
Blower		0	0
Adjustments		0	0
Total		2222	100.0

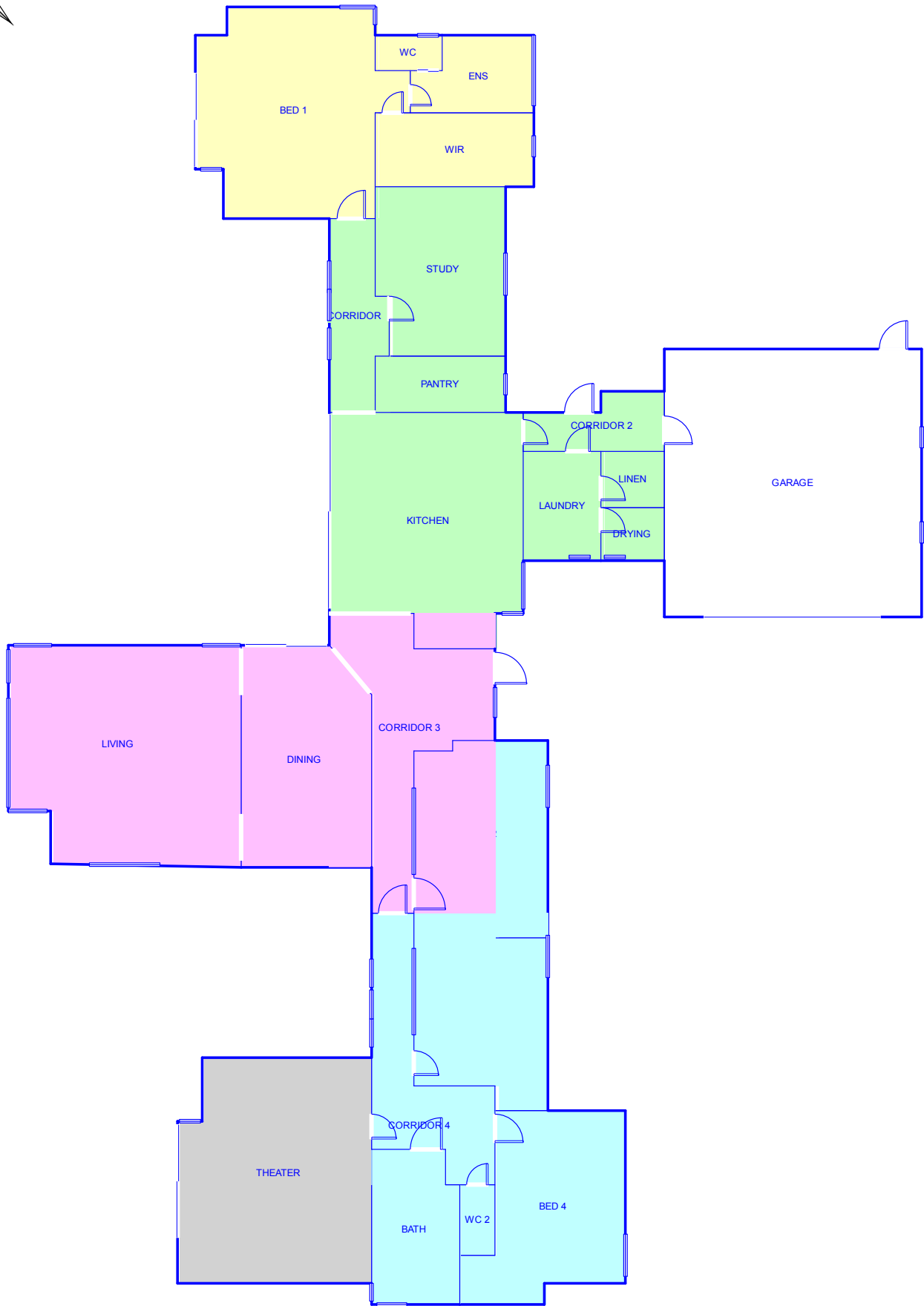


Latent Cooling Load = 55 W
Overall U-value = 0.88 W/m²-°C

WARNING: window to floor area ratio = 26.3% - more than 25%.



GROUND FLOOR



**Job #: Job Number
Performed for:**

Mr and Mrs. Home Owner
123 Main Street
City, State 1234
Phone: XXX XX XXXX Fax: XXX XX XXXX
TheHomeOwners@email.com.au

Company Name

123 Corporate Lane
City, State 1234
Phone: XXX XX XXXX
IndustryProfessional@email.com.au

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