

House 8 Papakowhai Renovation Project



House 8 Family Room Temperatures Winter (May – September)					
Period	Mean 24 Hr Temp (°C)	Mean Minimum Temp (°C) 24 Hr	Mean Minimum Temp (°C) Morning	Mean Minimum Temp (°C) Evening	Mean Minimum Temps (°C) Night
Pre Renovation (2006)	18.0	14.6	14.6	17.4	14.8
Post Renovation (2008)	17.1	13.9	14.2	16.2	14.4

House 8 Main Bedroom Temperatures Winter (May – September)					
Period	Mean 24 Hr Temp (°C)	Mean Minimum Temp (°C) 24 Hr	Mean Minimum Temp (°C) Morning	Mean Minimum Temp (°C) Evening	Mean Minimum Temps (°C) Night
Pre Renovation (2006)	17.2	16.3	16.5	18.3	16.7
Post Renovation (2008)	17.1	15.8	16.1	17.8	16.3

House 8 Winter (June – August) Temperature Histograms		
Period	Family Room	Main Bedroom
Pre Retrofit (2006)	<p>P08</p>	<p>P08</p>
Post-Retrofit (2008)	<p>P08</p>	<p>P07</p>

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House 8 July Temperatures - % Time Below Healthy Temperatures				
Period	Family Room		Main Bedroom	
	% time below 18°C, 24 hr	% time below 18°C, evening	% time below 16°C, 24 hr	% time below 16°C, night
Pre-Retrofit (2006)	61%	30%	31%	42%
Post-Retrofit (2008)	64%	51%	29%	29%

Period	House 8 Main Bedroom July Relative Humidity	
	% Time Above 70%, 24 hr	% Time Above 70%, night
Intermediate (2007)	9%	19%
Post-Retrofit (2008)	13%	21%

House 8 Main Bedroom Winter (Jun – Aug) Humidity Histograms															
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