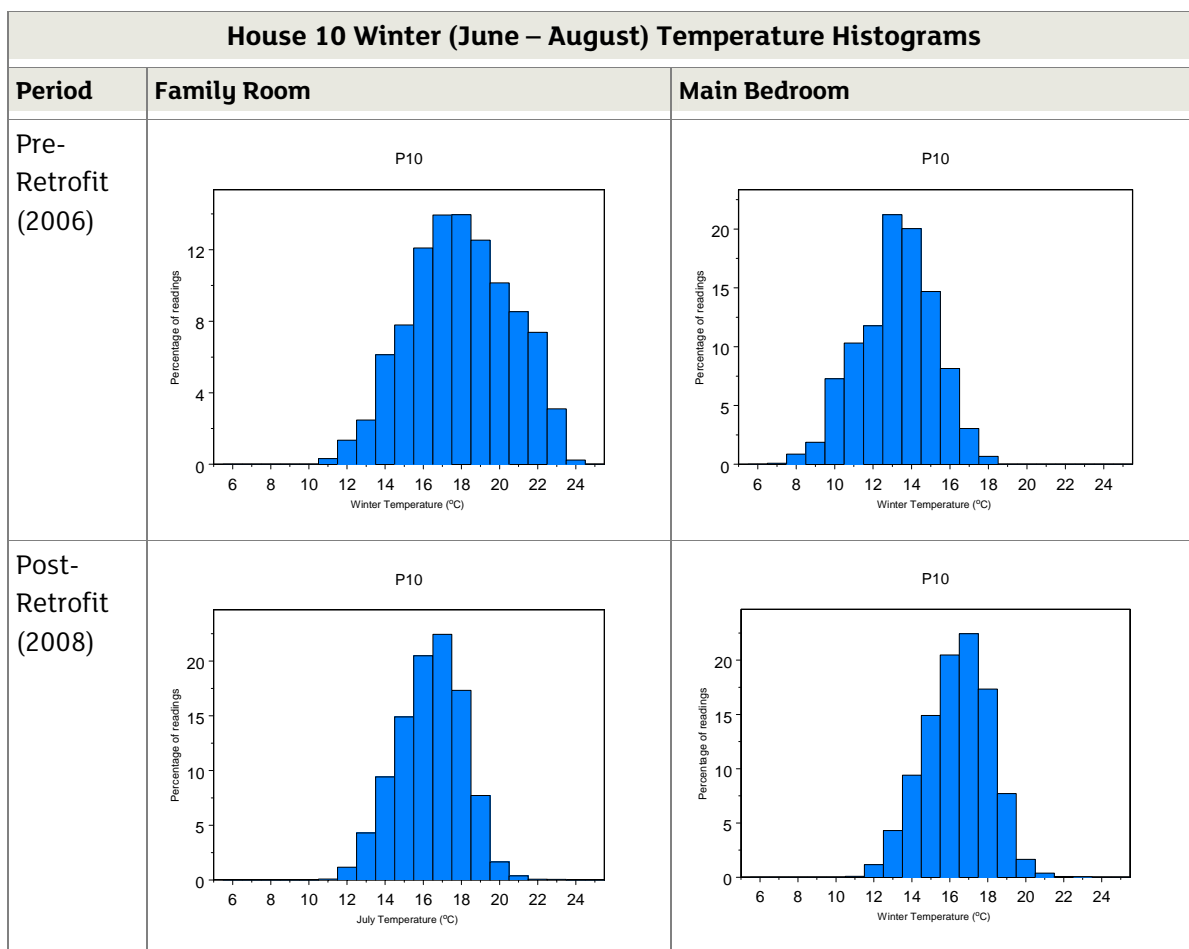


House 10 Papakowhai Renovation Project



House 10 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)	16.3	13.6	13.7	17.7	14.0
Post Renovation (2008)	17.7	15.3	15.9	17.8	16.5

House 10 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)	14.0	12.2	12.3	14.4	12.8
Post Renovation (2008)	16.0	14.7	15.2	16.4	15.7



House 10 Papakowhai Renovation Project



Period	House 10 Main Bedroom July Relative Humidity	
	% Time Above 70%, 24 hr	% Time Above 70%, night
Intermediate (2007)	12%	15%
Post-Retrofit (2008)	25%	33%

House 10 Winter (June - August) Relative Humidity Histograms															
Period	Main Bedroom														
Intermediate (2007)	<p>P10</p> <table border="1"> <caption>Approximate data for Intermediate (2007) histogram</caption> <thead> <tr> <th>Bedroom relative humidity %</th> <th>Percentage of readings</th> </tr> </thead> <tbody> <tr><td>50-55</td><td>2</td></tr> <tr><td>55-60</td><td>5</td></tr> <tr><td>60-65</td><td>18</td></tr> <tr><td>65-70</td><td>38</td></tr> <tr><td>70-75</td><td>30</td></tr> <tr><td>75-80</td><td>12</td></tr> </tbody> </table>	Bedroom relative humidity %	Percentage of readings	50-55	2	55-60	5	60-65	18	65-70	38	70-75	30	75-80	12
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House 10 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)	70%	18%	50%	62%
Post-Retrofit (2008)	87%	83%	57%	45%

House 10 Papakowhai Renovation Project



House 10 Summer (Jan - Feb) Temperature Histograms		
Period	Family Room	Main Bedroom
Pre-Retrofit (2007)	<p>P10</p>	<p>P10</p>
Post-Retrofit (2008)	<p>P10</p>	<p>P10</p>