

AS/NZS4234:2008 Modelling Report Cover Sheet

Instructions: Modeller to fill in all white cells and attach form to the front of the modelling report for the system

Supplier	<input style="width: 60%;" type="text"/>	
Brand	<input style="width: 60%;" type="text"/>	
Model	<input style="width: 60%;" type="text"/>	
EECA Package System ID Number	<input style="width: 60%;" type="text"/>	If not already given numbers by EECA leave blank

<u>SYSTEM Information</u>		
Modelling Standard	<input style="width: 60%;" type="text"/>	
People in house	<input style="width: 60%;" type="text"/>	
System boost type	<input style="width: 60%;" type="text"/>	
Zone 5 Performance Rating out of six	<input style="width: 60%;" type="text"/>	Note: These boxes are automatically filled in from the information provided under "Modelling report results format"
Zone 5 annual savings	<input style="width: 60%;" type="text"/> kWh	
Zone 6 Performance Rating out of six	<input style="width: 60%;" type="text"/>	
Zone 6 annual savings	<input style="width: 60%;" type="text"/> kWh	
Circulation type	<input style="width: 60%;" type="text"/>	
Open or Closed Loop	<input style="width: 60%;" type="text"/>	
Frost Protection	<input style="width: 60%;" type="text"/>	If "other" please provide a brief description here
Legionella Control	<input style="width: 60%;" type="text"/>	If "other" please provide a brief description here

<u>COLLECTOR Information</u>		
Collector Make and Model	<input style="width: 60%;" type="text"/>	These details will appear on the website, and must be displayed on the collector label
Collector performance test standard	<input style="width: 60%;" type="text"/>	
Collector performance test report No.	<input style="width: 60%;" type="text"/>	
Type of collector	<input style="width: 60%;" type="text"/>	
Number of collectors	<input style="width: 60%;" type="text"/>	
Total System Aperture area	<input style="width: 60%;" type="text"/> m ²	

<u>TANK Information</u>		
Tank Make and Model	<input style="width: 60%;" type="text"/>	Even if it is intended that the system is only fitted to existing tanks, a tank make and model must be entered here. "Retrofit" will not be accepted.
Type of Tank	<input style="width: 60%;" type="text"/>	Note: if "conventional" is selected then when modelling the system performance the tank must be mixed.
Tank Volume	<input style="width: 60%;" type="text"/> /	
Location of connected elements	<input style="width: 60%;" type="text"/>	
Upper Element control	<input style="width: 60%;" type="text"/>	If mid or top positioned element only then put control here
Lower element control	<input style="width: 60%;" type="text"/>	If bottom positioned element only then put control here

<u>CONTROLLER Information</u>		
Controller Make and Model	<input style="width: 60%;" type="text"/>	If no controller write "NA"
Displays kWh saved	<input style="width: 60%;" type="text"/>	Optional
Variable speed pump control	<input style="width: 60%;" type="text"/>	Optional

<u>PUMP Information</u>		
Pump Make and Model	<input style="width: 60%;" type="text"/>	If no pump write "NA"
Flow meter in collector loop for accurate flow control	<input style="width: 60%;" type="text"/>	Optional

<u>Gas Instantaneous (if Applicable)</u>		
Gas Instantaneous Make and Model	<input style="width: 60%;" type="text"/>	If no instantaneous Gas heater write "NA"

Supplier Brand Model EECA Package System Number
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Modelling report results format								
Note: for definitions of terms see AS/NZS4234:2008								
System Boost Type	Climate zone	Peak Winter load	Reference System energy use	Total energy delivered to load	Energy delivered below 45oC	Total purchased energy use <i>Bs + Be</i>	Energy savings	Energy Savings %
			<i>(Br)</i>			<i>(Bs+Be)</i>	<i>Br-(Bs+Be)</i>	<i>(Br-(Bs+Be))/Br</i>
		MJ/day	kWh / yr	kWh / yr	kWh / yr	kWh /yr	kWh /yr	%
<input style="width: 100%;" type="text"/>	Zone 5	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
<input style="width: 100%;" type="text"/>	Zone 6	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

Form Completed By	
Approved Modelling Facility: <input style="width: 90%;" type="text"/>	Date : <input style="width: 90%;" type="text"/>
Form Completed By : <input style="width: 90%;" type="text"/>	
Signature : <input style="width: 90%;" type="text"/>	

Collection of Personal Information: All personal information on this form is collected and held by the Energy Efficiency & Conservation Authority (EECA). Under the Privacy Act 1993, all individuals have the right of access to, and correction of, their personal information held by EECA. EECA may use personal information for administrative purposes related to the Grants Scheme.