# Energy Rating Data Dictionary for Gas Water Heaters

This data dictionary provides a description for each of the column headings in the downloadable csv file, as well as the headings in both basic and comprehensive detail on the Search Results page on the public [Registration Database](http://reg.energyrating.gov.au/comparator/product_types/62/search).

| **Column Heading in csv** | **Column heading in Search Results** | **Description** |
| --- | --- | --- |
| Submit\_ID |  | This is the unique registration ID record for the product and is taken from the GEMS product database. |
| SubmitStatus |  | This is the registration status of the product and must be either "Superseded" or "Approved". |
| Sold\_in | Available | Countries where the product is sold. |
| Brand | Brand | This is the manufacturer's brand. |
| Model Number | Model | Model number. |
| Family Name |  | Shows the family name for the models in the registration (if applicable). |
| Country | Country of Manufacture | Manufacturing countries. |
| N-Standard |  | This is the test standard used for the appliance, usually denoted with the prefix AS/NZS xxxxxxx. |
| ApplStandard |  | This is the legal standard to which the appliance must comply. It could be the AS/NZ Standard or the GEMS determination. |
| Width |  | Width of the product (mm). |
| Height |  | Height of the product (mm). |
| Depth |  | Depth of the product (mm). |
| Product Class |  | Product class of model as defined in Section 5 (2) of [*Greenhouse and Energy Minimum Standards (Gas Water Heaters) Determination 2013*](https://www.comlaw.gov.au/Details/F2013L00729). |
| Availability Status | Availability | This is the availability status of the product and must be either "Available" or "Unavailable". This status is based on self-reporting of the registrant. |
| Product Website |  | This is the specific web address for the product. |
| Representative Brand URL |  | This is the web address for the manufacturer. |
| Star Image Large |  | Not Applicable |
| Star Image Small |  | Not Applicable |
|  | Water heater type | Water heaters may be either "storage" type i.e. includes a large tank for storing heated water or "Instantaneous" i.e. has no storage tank, instead water is heated on demand as required. |
|  | Suitable for gas types | Details the various types of gas supply for which this product is claimed to be suitable - options are Liquefied Petroleum Gas (LPG)), Propane, Natural Gas. |
|  | Nominal delivery output (x Litres per minute @45 degrees C rise) | Indicates the rate of hot water delivery (litres per minute) for a given rise in water temperature (°C). Applies only to instantaneous water heaters Litres / minute at X °C rise. |
|  | Storage capacity (Litres) | Total storage volume of the tank in a storage type water heater (Litres). |
|  | Suitable for solar boosting | Products noted as suitable for solar boosting have been designed to facilitate retrofitting of solar water heating panels. |
|  | Nominal Gas Consumption (MJ/Hour) | This is the rated hourly energy consumption for this product. It is based on testing conducted on the model to the relevant Australian Standard. |
|  | Comparative annual energy consumption (MJ/Year) | Indicates the amount of gas used to operate the water heater for one year, delivering 200 litres of hot water per day. It is based on testing conducted on the model to the relevant Australian Standard. |
|  | Regulator | This shows which regulator approved the registration. Some product types have slightly different regulations between Australia and New Zealand – more information is on the [Energy Rating website](http://www.energyrating.gov.au/suppliers/registration). |
|  | Registration number | This is the unique registration number for the product and is taken from the GEMS product database. |
|  | Expiry date | This is the date that the product's registration will expire. |