

Energy Star Ratings Explained

NatHERS Climate Zones, Star Rating and Mega Joules

The Nationwide House Energy Rating Scheme (NatHERS) measures the energy rating of a building as required by paragraph 3.12.01 of the BCA and expresses the outcomes using a 0 – 10 star rating.

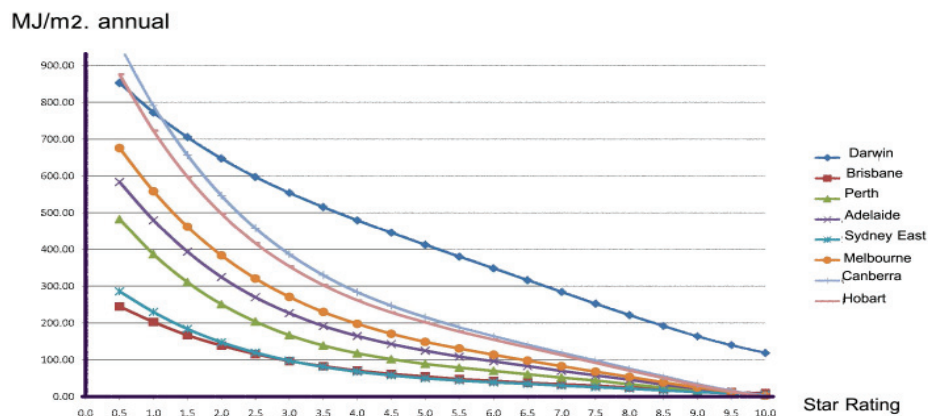
The star rating is determined by the “area adjusted” total MJ load (MJ/m².annum = annual heating and cooling energy requirement for a building (see graph below for Australian Cities).

The “area adjusted” total MJ load for a nominated star rating varies between Climate Zones.

The variance in “area adjusted” total MJ load reflects differences in climatic conditions, the degree of difficulty in achieving an “equivalent” outcome across Climate Zones and States, and range of other issues.

Typically, a house with a higher star rating is considered more thermally comfortable than one with a lower star rating.

A house with a 10 star rating is considered thermally comfortable without the need for artificial heating and cooling.



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