

Gas Appliance Guide
For Units, Townhouse and Apartments

Right at home in a 7 Star build with gas



This guide provides gas appliance options when building or renovating a unit, townhouse or apartment.

Now you can choose gas complemented by solar for 7-Star Energy Efficiency for ultimate comfort.

We'll work with you to strike the right balance between affordability and reliability without compromising comfort.

We make it easy.
Find out how.

 **Australian Gas
Infrastructure Group**

 **Dampier Bunbury
Pipeline**

 **Multinet
Gas Networks**

 **Australian
Gas Networks**

Today, 6.5 million homes rely on natural gas for either cooking, instant hot water, cosy heating or firing up the barbie.

Pairing gas with solar energy is an effective way to meet the energy requirements outlined in the 7-Star rating for new builds, and give your customers the comfort they love to live with.

How to read the table

The table sets out the minimum amount of solar energy required to qualify for a 7-Star energy efficiency rating if you choose to use gas appliances. The minimum amount of solar energy required varies depending on planned floor size of the dwelling and the different bundles of common gas appliances that you could choose. The table is to be used for new multi-dwelling buildings in Victoria (Zone 6 & 7). Refer to page 4 for suburb coverage relevant for our natural gas network.

The solar energy required to achieve the 7-Star energy efficiency rating can be achieved via either a solar gas hot water system or solar PV panels, or a combination of both.

All calculations are based on energy ratings in line with Seasonal Star Ratings 2019

The 7 Star Energy Efficiency Building Standard under the National Construction Code sets the minimum standard that new homes should be built to. Homes have an energy budget that includes fixed appliances such as heating and cooling, hot water and lighting.

Zone: Refers to climatic conditions around the country.

Floor Area: The square footage of the internal home areas (i.e bigger homes require more square footage of the internal home areas. This does not need to include porticos, garage area and outdoor spaces in size).

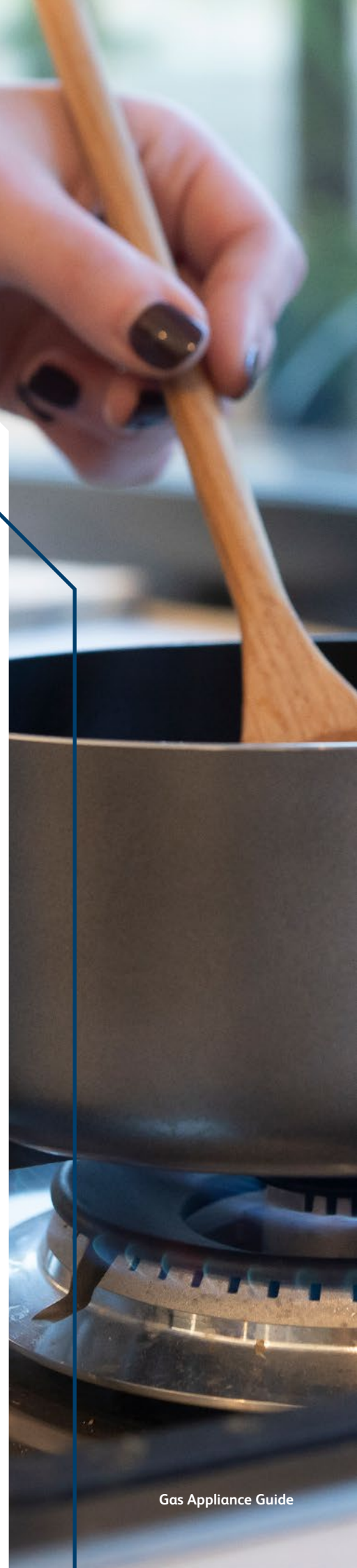
Class 2 (Multi Dwelling) Buildings Zone 6 & 7

Solar Size	Solar Size				
	0kW	1kW	2kW	3kW	4kW
Up to 150m²					
Option 1			●		
Evaporative cooling	●	●	●	●	●
Gas heating less than 4.5 Star (ducted)					
Gas continuous flow hot water					
Gas cooktop					
Option 2		●			
Evaporative cooling	●	●	●	●	●
Gas heating 3 Star and above (non-ducted)					
Gas continuous flow hot water					
Gas cooktop					
Option 3		●			
Evaporative cooling	●	●	●	●	●
Gas heating 4.5 to 6 Star and above (ducted & non-ducted)					
Gas continuous flow hot water					
Gas cooktop					
Option 4	●				
Evaporative cooling	●	●	●	●	●
Gas heating any Star Rating (non-ducted)					
Solar gas hot water					
Gas cooktop					
150m² to 200m²					
Option 1				●	
Evaporative cooling	●	●	●	●	●
Gas heating less than 4.5 Star (ducted)					
Gas continuous flow hot water					
Gas cooktop					
Option 2			●		
Evaporative cooling	●	●	●	●	●
Gas heating less than 3 Star (non-ducted)					
Gas continuous flow hot water or gas storage					
Gas cooktop					
Option 3			●		
Evaporative cooling	●	●	●	●	●
Gas heating 4.5 to less than 6 Star (ducted & non-ducted)					
Gas continuous flow hot water or gas storage					
Gas cooktop					
Option 4	●				
Evaporative cooling	●	●	●	●	●
Gas heating 4.5 to less than 6 Star (ducted or non-ducted)					
Solar gas hot water					
Gas cooktop					

Right at home in the builds of tomorrow is gas.

Class 2 (Multi Dwelling) Buildings Zone 6 & 7

	Solar Size				
	0kW	1kW	2kW	3kW	4kW
200m² to 300m²					
Option 1 Evaporative cooling Gas heating 3 to less than 4.5 Star (ducted) Gas continuous flow hot water Gas cooktop	●	●	●	●	●
Option 2 Evaporative cooling Gas heating (non ducted) Gas continuous flow hot water Gas cooktop	●	●	●	●	●
Option 3 Evaporative cooling Gas heating (ducted or non-ducted) Solar gas hot water Gas cooktop	●	●	●	●	●
300m² to 400m² +					
Option 1 Evaporative cooling Gas heating less than 6 Star (non-ducted) gas Continuous flow hot water Gas cooktop Gas log Fire Gas outdoor kitchen and BBQ	●	●	●	●	●
Option 2 Evaporative cooling Gas heating greater than or equal to 6 Star (ducted) Solar gas hot water Gas cooktop Gas log fire Gas outdoor kitchen and BBQ	●	●	●	●	●
Option 3 Evaporative cooling Gas heating 4.5 Star and greater (ducted) Gas continuous flow hot water Gas cooktop Gas log fire Gas outdoor kitchen and BBQ	●	●	●	●	●



Zones by Local Government Area (LGA)

Zones refer to the climatic conditions around the country and are based on your local government area

Zone 7

South Grampians	Hepburn	Yarra Ranges	Wangaratta
Ararat	Mount Alexander	Murrindindi	Alpine
Pyrenees	Macedon Ranges	Mansfield	East Gippsland
Ballarat	Baw Baw	Wellington	Towong

Zone 6

West Wimmera	Latrobe	Surf Coast	Frankston
Gleneilg	Sth Gippsland	Colac Otway	Greater Dandenong
Horsham	Bass Coast	Warrnambool	Casey
Moynes	Cardinia	Brimbank	Knox
Northern Grampians	Mornington	Hobsons Bay	Monash
Corangamite	Nillumbik	Maribyrnong	Whitehorse
Loddon	Whittlesea	Moonee Valley	Manningham
Central Goldfields	Hume	Moreland	Maroondah
Greater Bendigo	Melton	Melbourne	Stonnington
Mitchell	Wyndham	Docklands	Boroondara
Strathbogie	Greater Geelong	Port Phillip	Yarra
Benala	Moorabool	Bayside	Darebin
Indigo	Golden Plains	Glen Eira	Banyule
Wodonga	Queenscliffe	Kingston	

Zone 4

Mildura	Buloke	Campaspe
Swan Hill	Yarriambiack	Greater Shepparton
Gannawarra	Hindmarsh	Moira



For more information

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