



ATCO Gas
AUSTRALIA

Correct as at September 2016

GAS METER SELECTION TABLE FOR DOMESTIC INSTALLATIONS

ATCO Gas Australia Meter Type	Diversified load meter capacity		Always consider gas load diversity Typical number of gas appliances
	1.25kPa	2.75kPa	
AL8	8m ³ /hr 300 MJ/hr	8m ³ /hr 300 MJ/hr	Up to 4 including 2 hot water systems
AL10	10m ³ /hr 375 MJ/hr	10m ³ /hr 375 MJ/hr	5-6 including 3 hot water systems
AL12	12m ³ /hr 450 MJ/hr	25m ³ /hr 940 MJ/hr	Typically 7+

Full details can be found in the ATCO Gas Australia Technical Notice available at www.atcogas.com.au

IF YOU SMELL GAS CONTACT

13 13 52*

* Local call fee from anywhere in the state excluding mobiles.

www.atcogas.com.au





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GAS METER DIVERSITY FACTORS

DOMESTIC GAS APPLIANCE DESCRIPTION	DIVERSITY FACTOR*
Gas pool/ spa heater	0.8
Gas hot water system - continuous type (highest MJ rated unit)	0.8
Gas hot water system - continuous type (2nd unit if fitted)	0.2
Gas hot water system (storage type)	0.6
Gas room heater (portable, fireplace, ducted or other)	0.6
Gas clothes dryer	0.6
Gas hotplate/ oven/ BBQ (separate devices)	0.6
Gas cooker (combined hotplate with oven)	0.4

*Based on British Standard BS6400-1 as updated in accordance with the ATCO Gas Australia Technical Notice available at www.atcogas.com.au

To calculate the size of gas meter required:

1. Multiply the maximum megajoule/hr rating for each appliance by its applicable diversity factor;
2. Add all individual appliance diversified gas loads together;
3. Refer to gas meter selection table

Additional notes:

1. For more than two (2) continuous hot water systems, alternate 0.8 and 0.2 diversity factors for all remaining units.
2. You must apply diversity to all gas meter selections. Do not specify a gas meter larger than AL8 unless the gas load exceeds 300MJ/hr after diversity has been applied.

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