

**ATCO****Domestic Gas Meter Diversity Card***for Gas Fitter*

ATCO Gas Australia Meter Type	Diversified load meter capacity		Applicable gas load diversity
	1.25 kPa	2.75 kPa	
AL8	8 m <sup>3</sup> /hr (300 MJ/hr)	8 m <sup>3</sup> /hr (300 MJ/hr)	Typically up to 4 gas appliances including 2 hot water systems
AL10	10 m <sup>3</sup> /hr (375 MJ/hr)	10 m <sup>3</sup> /hr (375 MJ/hr)	Typically up to 6 gas appliances including 3 hot water systems
AL12	12 m <sup>3</sup> /hr (450 MJ/hr)	25 m <sup>3</sup> /hr (940 MJ/hr)	Typically 7+ gas appliances

More information including sample calculations and Albany LPG selection table are available in ATCO Gas Australia Technical Notice (AGA-ENG-TN09) at <http://www.atco.com.au>

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DOMESTIC GAS APPLIANCE DESCRIPTION	DIVERSITY FACTOR*
Gas pool or spa heater	0.8
Gas hot water system (primary/ highest MJ rated unit)	0.8
Gas hot water system (secondary/ additional units of same or lower MJ)	0.2
Gas room heater (portable, fireplace, ducted or others)	0.6
Gas cooking (hotplate, oven or BBQ)	0.6

\*Based on British Standard BS6400-1 as updated in accordance with the ATCO Australia Technical Notice (AGA-ENG-TN09) available at <http://www.atco.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 note:**

Installers must apply diversity to all gas meter selections. Do not specify a gas meter larger than AL8 unless the gas load exceeds 300 MJ/hr after diversity has been applied. If in doubt contact ATCO.

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