

GAS COMPOSITION EXAMPLE

		Propane-air mixed gas PA-12A	Natural gas	LPG
Ingredient (%)	CH4 Methane	—	98.0	—
	C2H6 Ethane	0.08	—	—
	C3H8 Propane	57.6	—	95.0
	C4H10 Butane	0.22	—	5.0
	CO2 Carbon Dioxide	—	0.5	—
	N2/O2 Nitrogen/Oxygen	42.1	1.5	—
Specific gravity		1.32	0.56	1.58
Gross calorific value (MJ/Nm ³)		58.5	39.0	103.4
Gross calorific value (kcal/Nm ³)		13,970	9,300	24,700
Burning rate MCP (cm/s)		41.3	36.0	41.7
Wobbe index WI		51.0	52.1	82.3
Wobbe index WI		12,270	12,430	19,650