

# What is a standard litre and what is the difference to an American standard litre or to a litre (STP)?

UNIT	PRESSURE	TEMPERATURE
current gas flow (L)	current pressure of the system	current temperature of the system
standard litre (SI) (sL)	1013.25 mbar abs	293.15 K
standard litre (US) (sL)	1013.25 mbar abs	273.15 K
litre (STP)	1013.25 mbar abs	273.15 K

### Conversion between SI and US standard litre:

$$\text{sL (SI)} = (\text{sL (US)} / 273.15) * 293.15$$

$$\text{sL (US)} = (\text{sL (SI)} / 293.15) * 273.15$$

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