

STM 260 PowerUnit Gaseous Fuel Requirements (at package inlet) for fuel fired units

Model F0260 055F - Gas Fuels

PRESSURE LIMITS

Minimum Pressure	12.4 kPa	1.8 psig
Maximum Pressure	15.2 kPa	2.2 psig

FUEL TEMPERATURE LIMITS

Minimum Temperature	-12°C	10°F
Maximum Temperature	60°C	140°F

MOISTURE LIMITS

The dewpoint of the gas must be at least 11°C (20°F) below the temperature of the fuel gas entering the package connection.

The entering combustion air must be free of condensed moisture droplets to avoid equipment damage.

FUEL ENERGY CONTENT

The STM PowerUnit is capable of operating on gas with an energy content from 12.6 MJ/Nm³ to 90.6 MJ/Nm³ LHV [320 Btu/scf - 2,300 Btu/scf] (reference is 1 atm, 15°C)

The PowerUnit has two burner systems available from factory. See the table below - or consult [rockenergy](#) - to determine the appropriate engine configuration.

Description	Heating Value Range * (LHV)
High Energy Content	~35.4 - 90.6 MJ/Nm ³ [~ 900 - 2,300 Btu/scf]
Medium Energy Content	12.6 - 23.2 MJ/Nm ³ [320 - [320 - 590 Btu/scf]

* For heating values outside this range, please consult [rockenergy](#).