

GAS SYSTEM SERIES 400 BIOGAS

50 Hz*



SYSTEM RATINGS

Generating Sets, Biogas, Sewage Gas, Landfill Gas

MTU Onsite Energy Type	Former Genset Type	Output			Energy Total kW	Efficiency		Methane Content (%)	Dimensions (L x W x H) mm
		Electr. Therm. ¹⁾ Low Temp.		Electr.		Total ²⁾			
		kW _{el.}	kW _{th.}				kW _{th.} (°C)		
GR 120 B5	AB 3066 L7	120	80	---	334	35,9	59,9	45-65	k.A.
GR 150 B5	AB 3066 L6	150	119	---	402	37,2	66,9	45-65	k.A.
GR 192 B5	AB 3066 L4	192	118	29 (50)	499	38,5	62,1	45-65	3480x1600x2060
GR 370 B5	AB 3042 L5	370	241	69 (50)	955	38,7	64,0	45-65	3960x1670x2060

Cogeneration Modules, Biogas, Sewage Gas (90/70°C)

MTU Onsite Energy Type	Former CHP Type	Output			Energy Total kW	Efficiency		Methane Content (%)	Dimensions (L x W x H) mm
		Elec. Therm. ³⁾ Low Temp.		Electr.		Total ²⁾			
		kW _{el.}	kW _{th.}				kW _{th.} (°C)		
GC 120 B5	MB 3066 L7	120	160	---	334	35,9	83,8	45-65	3650x1200x2100
GC 150 B5	MB 3066 L6	150	191	---	402	37,3	84,8	45-65	3650x1200x2100
GC 192 B5	MB 3066 L4	192	214	29 (50)	499	38,5	81,4	45-65	3520x1800x2060
GC 370 B5	MB 3042 L5	370	426	69 (50)	955	38,7	83,4	45-65	3700x1810x2060

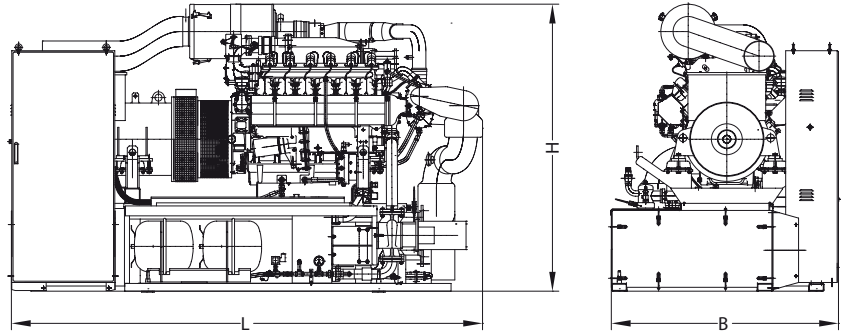
* 60 Hz on request

1) from heat exchange water

2) relating to high temperature data

3) from heat exchange water and exhaust gas heat

DRAWINGS AND DIMENSIONS



Note: This drawing is provided for reference only and should not be used for planning installation.

ENGINE DATA

3066

Configuration	in-line
No. of cylinders	6
Bore/Stroke	130/155 mm
Cyl. displacement	2.06 lit.

3042

Configuration	90°V
No. of cylinders	12
Bore/Stroke	130/142 mm
Cyl. displacement	1.88 lit.

DESIGN AND EQUIPMENT (EXTRACT)

- // Sliding gear starter 24V
- // Flexible coupling, interconnecting bell housing, service opening so that replacement of the rubber element can be achieved without displacing engine or generator
- // Gas supply through venturi air-gas mixer with electronically controlled gas metering valve
- // Components of the gas regulation line approved per Directive for Gas Components 90/356/EWG
- // Electronic high-voltage capacitor ignition system with one ignition coil per cylinder
- // Electronic speed governor for speed and power output control with automatic knocking control
- // Oil sump, removable without lifting the engine

Performance data in accordance with ISO 3046.

Data for site operating conditions other than those mentioned, on request.

Materials and specifications subject to change without notice due to technical advances.