

Micro combined heat and power (for grid connection)

Data sheet

Model	UFLBG35	UFLBG57	UFLBG114
Maximum Power output (kW)	3.8	5.7	11.4
Electrical efficiency (%)	29	30	31
Maximum Heat Output (kW)	7.3	10.5	20.2
Overall Efficiency (%)	85	85	86
Gas (60% methane) consumption at full load (m ³ /hr)	2.2	3.2	6.1
Gas supply pressure (mbar)	-10 to 50		
Bore x Stroke (mm)	95 x 110	114.3 x 110	114.3 x 110
Number of cylinders	1	1	2
Total displacement (cc)	780	1130	2260
Phase	1	1 or 3	3
Voltage (V)	240	240 or 415	415
Current (A)	15.8	23.75 or 9	18
Rated (max) Current (A)	16	24 or 16	24
Frequency (Hz)	50		
Speed (rpm) approx	1514		
Nominal flow temperature (°C)	80		
Nominal return temperature (°C)	60		
Secondary circuit minimum flow rate (L/min)	5.2	7.5	14.5
N.B. Alternative flow and return temperatures can be accommodated by varying the secondary circuit flow rate			
Total oil capacity (L)	7		14
Dimensions LxWxH (mm)	1200x730x1360		1400x730x1360
Weight (kgs)	615	635	683
Noise at 1m (db)	79	82	84