

Cogenco Cogeneration Units Digester Gas (50/60Hz)



Module Type	Performance			Efficiency		
	Elect kW	Therm kW	Input kW	Elect %	Therm	Total %
CGC-0105MA-070-DG60	105	147	285	36.8	51.6	88.4
CGC-0105MA-080-DG50	105	124	272	38.6	45.6	84.2
CGC-0124MA-080-DG-50	124	178	342	36.3	52.0	88.3
CGC-0190MA-070-DG60	190	229	519	36.6	44.1	80.7
CGC-0190MA-080-DG50	190	215	493	38.5	43.6	82.2
CGC-0259MA-080-DG-50	250	326	657	38.1	52.0	88.3
CGC-0300GU-075-DG50	300	439	824	36.4	53.3	89.7
CGC-0300GU-080-DG-50	300	367	824	36.4	44.5	89.7
CGC-0304MA-070-DG60	304	471	860	35.3	54.8	90.1
CGC-0304MA-080-DG50	304	407	853	35.6	47.7	83.4
CGC-0306PE-080-DG50	306	433	875	35.0	49.5	89.0
CGC-0342MA-070-DG60	342	447	947	36.1	51.9	87.7
CGC-0342MA-080-DG50	342	430	923	37.1	46.6	83.6
CGC-0360MA-080-DG-50	360	473	946	38.1	50.0	89.7
CGC-0373PE-080-DG50	373	474	1022	36.5	46.4	82.9
CGC-0400GU-075-DG50	400	613	1123	35.6	54.6	90.2
CGC-0400GU-080-DG-50	400	461	1088	36.8	42.4	89.7
CGC-0425PE-080-DG50	425	551	1174	36.2	46.9	83.1
CGC-0458CT-080-DG50	458	666	1469	31.2	45.3	76.5
CGC-0501PE-080-DG50	501	620	1362	36.8	45.5	82.3
CGC-0600GU-075-DG50	600	899	1662	36.1	54.1	90.2
CGC-0600GU-080-DG-50	600	747	1620	37.0	46.1	89.6
CGC-0763CT-080-DG50	763	1078	2434	31.3	44.3	75.6
CGC-0800GU-075-DG50	800	1228	2237	35.8	54.9	90.7
CGC-0800GU-080-DG-50	800	1009	2167	36.9	46.6	90.2
CGC-0895GU-080-DG50	895	1353	2550	35.1	53.1	88.2
CGC-0938GU-080-DG50	938	1298	2540	36.9	51.1	88.0
CGC-1068CT-080-DG50	1068	1274	3001	35.6	42.5	78.0
CGC-1571CS-080-DG50	1571	1681	4164	37.7	40.4	78.1
CGC-1750CS-080-DG50	1750	1737	4611	38.0	37.7	75.6



Performance

All figures based upon LHV UK Nat Gas
Tolerance on Energy Input +/- 5%
Tolerance on heat output +/- 7%
Tolerance on power output - 3%
Definitions of ratings ISO 3046

Equipment Included

Engine and generator
Heat recovery equipment
Cogenco control and monitoring panel
Mains power panel
Acoustic enclosure/container

Modules above CGC 0725 will be supplied ex works in 5 module sections for erection and connection at site.

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