

**TEDOM**



**CHP UNITS 60 Hz**  
COGENERATION SYSTEM PRODUCT LINE

*Authorized TEDOM Distributor*



# NATURAL GAS

TEDOM Model	Electric Output (kWe)	Useful Heat (BTU/h)	Gas Consumption (BTU/h, HHV)	Electrical Efficiency (% LHV)	Thermal Efficiency (% LHV)	Overall Efficiency (% LHV)
Micro T35	35	238,000	415,000	32.0%	63.7%	95.7%
Micro T55	55	339,000	612,000	34.1%	61.5%	95.6%
Cento M150	150	761,000	1,550,000	36.7%	54.6%	91.3%
Cento M220	220	1,003,000	2,145,000	38.9%	52.0%	90.9%
Cento M285	285	1,454,000	2,921,000	37.0%	55.3%	92.3%
Cento M375	375	1,560,000	3,628,000	39.2%	47.8%	87.0%
Cento M555	555	2,307,000	5,424,000	38.8%	47.3%	86.1%
Quanto D600	600	2,211,000	5,366,000	42.4%	45.8%	88.2%
Quanto D800	800	2,921,000	7,121,000	42.6%	45.6%	88.2%
Quanto D1200	1200	4,082,000	10,485,000	43.4%	43.3%	86.7%
Quanto D1600	1560	5,423,000	13,757,000	43.0%	43.8%	86.8%
Quanto D2000	2000	6,795,000	17,475,000	43.4%	43.2%	86.6%
Quanto D3000	3000	9,819,000	25,913,000	43.9%	42.1%	86.0%
Quanto D4000	4000	13,300,000	34,709,000	43.7%	42.6%	86.3%

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Micro T35	27	171,000	320,000	32.0%	59.4%	91.4%
Cento M220	220	914,000	2,190,000	38.1%	46.4%	84.5%
Cento M375	375	1,495,000	3,704,000	38.4%	44.8%	83.2%
Cento M555	555	2,259,000	5,495,000	38.3%	45.7%	84.0%
Quanto D600	600	2,140,000	5,456,000	41.7%	43.6%	85.3%
Quanto D800	800	2,822,000	7,241,000	41.9%	43.3%	85.2%
Quanto D1200	1200	3,904,000	10,632,000	42.8%	40.8%	83.6%
Quanto D1600	1560	5,423,000	13,985,000	42.3%	43.1%	85.4%
Quanto D2000	2000	6,918,000	17,762,000	42.7%	43.3%	86.0%

**Notes**

Natural gas consumption is based on lower heating value of 912 BTU/SCF at 59 F, 14.7 psia, with tolerance according to ISO 3046-1.

Biogas consumption is based on methane volume of 65% (629 BTU/SCF) at 32 F, 14.7 psia.

Data is for general reference only. Consult with Kinsley Energy for project-specific performance and application assistance.

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