



703 Bascomb Commercial Park
 Suite 108
 Woodstock, GA 30189

**Jumbo Model STR-8
 Dynamic Direct Heat Paddle Dryer
 Dryer Performance**

Filter Cake	Sludge Loading	Pellets Produced	Gas Required	Electrical Required
<u>Dry Solids</u>	Pounds/Day <u>(Tons/Year)</u>	Pounds/Day <u>(Tons/Year)</u>	kWh/year <u>(Therms)</u>	12 kW <u>(Cost *kWh/year)</u>
15%	15,241 (2,699)	2,540 (450)	1,530,000 (52,166)	102,000 \$12,240
20%	16,329 (2,889)	3,627 (642)	1,528,333 (52,109)	101,889 \$12,227
25%	17,586 (3,109)	4,883 (863)	1,527,500 (52,080)	101,833 \$12,220
30%	19,052 (3,363)	6,353 (1,121)	1,525,000 (51,995)	101,667 \$12,200

*Electrical cost @ \$0.12/kWh

**Measurements are calculated from 8,439 drying hours/year

***Depending on different sludge compositions, results may vary