



703 Bascomb Commercial Park
 Suite 108
 Woodstock, GA 30189

**Jumbo Model STR-12
 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>	18 kW <u>(Cost *kWh/year)</u>
15%	27,244 (4,795)	4,540 (799)	2,536,917 (86,621)	152, 215 \$18,266
20%	29,166 (5,126)	6,475 (1,139)	2,531,667 (86,405)	151,867 \$18,224
25%	31,407 (5,512)	8,724 (1,531)	2,527,778 (86,309)	151,667 \$18,200
30%	34,006 (5,951)	11,337 (1,983)	2,519,067 (86,012)	151,144 \$18,137

*Electrical cost @ \$0.12/kWh

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

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