



703 Bascomb Commercial Park

Suite 108

Woodstock, GA 30189

**Jumbo Model STR-4
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>	6 kW <u>(Cost *kWh/year)</u>
15%	5,977 (1,058)	996 (176)	680,000 (23,185)	51,000 \$6,120
20%	6,404 (1,133)	1,420 (251)	679,622 (23,172)	50,972 \$6,117
25%	6,896 (1,213)	1,918 (337)	675,278 (23,024)	50,646 \$6,078
30%	7,471 (1,310)	2,490 (437)	673,200 (22,953)	50,490 \$6,059

*Electrical cost @ \$0.12/kWh

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

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