



703 Bascomb Commercial Park

Suite 108

Woodstock, GA 30189

**Jumbo Model STR-4  
Dynamic Direct Heat Paddle Dryer  
Dryer Performance**

<b>Filter Cake</b>	<b>Sludge Loading</b>	<b>Pellets Produced</b>	<b>Gas Required</b>	<b>Electrical Required</b>
<b><u>Dry Solids</u></b>	Pounds/Day <u>(Tons/Year)</u>	Pounds/Day <u>(Tons/Year)</u>	kWh/year <u>(Therms)</u>	6 kWh/h <u>(kWh/year)</u>
<b>15%</b>	5,977 (1,058)	996 (176)	680,000 (23,185) 2,318 MM Btu	51,000 \$6,120
<b>20%</b>	6,404 (1,133)	1,420 (251)	679,622 (23,172) 2,317 MM Btu	50,972 \$6,117
<b>25%</b>	6,896 (1,213)	1,918 (337)	675,278 (23,024) 2,302 MM Btu	50,646 \$6,078
<b>30%</b>	7,471 (1,310)	2,490 (437)	673,200 (22,953) 2,295 MM Btu	50,490 \$6,059

Approximate Evaporation Efficiency: 2.166-2.322 MM Btu/hr per Ton of Water  
Electrical cost @ \$0.12/kWh