



703 Bascomb Commercial Park

Suite 108

Woodstock, GA 30189

**Jumbo Model STR-12  
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>	18 kWh/h <u>(kWh/year)</u>
<b>15%</b>	27,244 (4,795)	4,540 (799)	2,536,917 (86,621) 8,662 MM Btu	152, 215 \$18,266
<b>20%</b>	29,166 (5,126)	6,475 (1,138)	2,531,667 (86,423) 8,642 MM Btu	151,867 \$18,224
<b>25%</b>	31,407 (5,512)	8,724 (1,531)	2,527,778 (86,309) 8,631 MM Btu	151,667 \$18,200
<b>30%</b>	34,006 (5,951)	11,337 (1,983)	2,519,067 (86,012) 8,601 MM Btu	151,144 \$18,137

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