

Energy Cost Comparison Novatec *NovaDrier*™ vs. Conair *SlimLine*™

Electric Power Cost	\$0.100 /Kwh	Comparison Based on Published Electric and Compressed Air Usage by each Manufacturer. Both Dryers Include Membrane for Moisture Removal.
Operating Hours	8000/Year	
Resin Processing Temperature	250 °F	
Resin Processing Rate	50 lb./hr.	
Resin Type	PC	
Voltage	460/3/60	

<i>Conair SlimLine</i> ™ Model # SL-50		Energy Cost/Year	SlimLine requires 100 psi compressed air
Basic Electric Cost 1.28 Kw @ \$.10/kwh	\$0.128 x 8000 hr	\$1,024	
Compressed Air Cost 34.9 SCFM = 7hp nom. 6.98 hp x 0.75=5.235 kw 5.234 Kw @ \$.10/kwh	\$0.5235 x 8000 hr.	\$4,188	
Total Energy Cost/Year - <i>SlimLine</i>™		5,212	

10 Year Energy Cost - *SlimLine*™ \$52,120

<i>NOVATEC NovaDrier</i> ™ Model # ND-50		Energy Cost/Year	NovaDrier requires 85 psi compressed air
Basic Electric Cost .84 Kw @ \$.10/kwh	\$0.084 x 8000 hr.	\$673	
Compressed Air Cost 11.9 SCFM = 2.4 hp nom. 2.38 hp x 0.75=1.785 kw 1.785 Kw @ \$.10/kwh	\$0.1785 x 8000 hr.	\$1,428	
Total Energy Cost/Year - <i>NovaDrier</i>™		\$2,101	

10 Year Energy Cost - *NovaDrier*™ \$21,010

10-YEAR SAVINGS with <i>NovaDrier</i>™ \$31,110
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