

Model RD-01-36-120 Rotary Drying Oven

Operating Cost & ROI for Precious Metal Chips



WET



DRY

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| Total Natural Gas | 1,200,000 BTU/Hr. |
| Natural Gas Cost | \$8.00 per 1,000,000 BTU - National Average |
| Operating Cost | 1.2 x 8 = \$9.60 Per Hour |
| Oven Capacity | 2,000 LBS/Hr. to dry Precious Metal Chips |
| Cost of Operation | \$9.60/2,000 = \$0.005/LB of PM Chips/Hr |
| Capacity per Day | 2,000 LBS x 8 Hrs. = 16,000 Lbs per Day |
| Operating Cost/Day | 16,000 LBS x \$0.005/LB = \$80.00 per Day |
| Dry PM Sell Price/LB | \$.60 Dry Precious Metal to Smelter |
| Revenue 8 Hr. Day | 16,000 LBS x \$0.005 = \$80.00 per Day |
| Return on Investment | \$9,600 - \$80.00 = \$9520.00 per 8 Hour Day |
| Wet PM Sell Price/LB | \$.48 per LB Wet Precious Metal to Smelter |
| Revenue 8 Hr Day | 16,000 LBS x \$.48/LB = \$7,680.00 |
| Return on Investment | \$7,680.00 - \$80.00 = \$7,600.00 |

Dry-Wet Precious Metal \$9,600.00 - \$7,600.00 = \$2,000.00 Savings/Day