FINAL REPORT ON

ELECTRIC CLOTHES DRYERS

AND LINT IGNITION CHARACTERISTICS

May 2003

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Dryer Design A
No Load, High Heat
November 2001

Figure A-1. No Load and High Heat Setting

Dryer Design A
Dry Load, High Heat
November 2001

Figure A-2. Dry Load and High Heat Setting
Dryer Design A
T1 Heater Intake Temperature
Dry, Wet, and No Load
December 2001

Figure A-3. T1 Heater Intake - Dry, Wet, and No Load Comparison

Dryer Design A
T2 Heater Exhaust Temperature
Dry, Wet and No Load
December 2001

Figure A-4. T2 Heater Exhaust - Dry, Wet, and No Load Comparison
Dryer Design A
T3 Heater Housing Temperature
Dry, Wet, and No Load
December 2001

Figure A-5. T3 Heater Housing - Dry, Wet, and No Load Comparison

Dryer Design A
T4 Exhaust Vent Temperature
Dry, Wet, and No Load
December 2001

Figure A-6. T4 Exhaust Vent - Dry, Wet, and No Load Comparison
Dryer Design A
T5 Intake into Blower Temperature
Dry, Wet, and No Load
December 2001

Figure A-7. T5 Intake into the Blower - Dry, Wet, and No Load Comparison

Dryer Design A
T6 Intake into the Tumbler Temperature
Dry, Wet, and No Load
December 2001

Figure A-8. T6 Intake into the Tumbler - Dry, Wet, and No Load Comparison
Figure A-9. T4 Exhaust Vent – Unblocked, Partially, and 100% Blocked

* Dry Load, High Heat Setting

Figure A-10. T5 Intake into the Blower – Unblocked, Partially, and 100% Blocked

* Dry Load, High Heat Setting
**Dryer Design A**

**T6 Intake into the Tumbler**

Temperature

0%, 25%, 50%, 75%, and 100% Blocked

Dry Load, December 2001

*Dry Load, High Heat Setting*

Figure A-11. T6 Intake into Tumbler – Unblocked, Partially, and 100% Blocked

**Dryer Design A**

**T7 Ambient Room Temperature**

0%, 25%, 50%, 75%, and 100% Blocked

Dry Load, December 2001

*Dry Load, High Heat Setting*

Figure A-12. T7 Ambient Temperature – Unblocked, Partially, and 100% Blocked