Appendix C
Dryer Design C – Task 2
Dryer Design C
No Load, High Heat
December 2001

Dryer Design C
High Heat, Dry Load
December 2001

Figure C-1. No Load and High Heat Setting

Figure C-2. Dry Load and High Heat Setting
US CONSUMER PRODUCT SAFETY COMMISSION
FINAL REPORT ON ELECTRIC CLOTHES DRYERS AND LINT IGNITION CHARACTERISTICS
May 2003

Dryer Design C
T1 Heater Intake Temperature
Dry, Wet, and No Load
December 2001

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

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

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

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

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

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

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

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

Figure C-8. T6 Intake into the Tumbler - Dry, Wet, and No Load Comparison
Figure C-9. T3 Heater Housing – Unblocked, Partially, and 100% Blocked

* Wet Load, High Heat Setting

Figure C-10. T4 Exhaust Vent – Unblocked, Partially, and 100% Blocked

* Wet Load, High Heat Setting
Dryer Design C
T6 Intake into the Tumbler
0%, 25%, 50%, 75%, and 100% Blocked
December 2001

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

Dryer Design C
T7 Ambient Room Temperature
0%, 25%, 50%, 75%, and 100% Blocked
December 2001

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