MINI CLEAN FLOW HEATER
TEMPERATURE VS TIME FOR A FLOW OF 11.4 L/MIN

- T1 (INLET)
- T2 (TIP)
- T3 (OUTLET)
- AMBIENT

CONDITIONS
1. EMBEDDED THERMOCOUPLER AT HEATER INLET IS T1 (GROUNDED)
2. EMBEDDED THERMOCOUPLER AT HEATER TIP IS T2 (GROUNDED, OPPOSITE END TO INLET)
3. THERMOCOUPLER AT OUTLET (T3) PLACED AT 1/8" FROM OUTLET OF HEATER
4. COMPRESSED NITROGEN GAS FLOW
5. AMBIENT TEMPERATURE OF GAS FLOW WAS 65°F AT TIME OF TEST
6. HEATER WAS NOT INSULATED
7. TEST WAS PERFORMED IN AN OPEN ENVIRONMENT
8. HEATER RATED FOR 24V AND 200W
9. HEATER OVERALL LENGTH, DIA. & INLET: 4.5", 0.5" & 1/16" NPT