

PC-ITAS FLUID-FLOW (ONE-WAY LINEAR CONDUCTANCE) NETWORK DEFINITION

Fluid Loop No: 1 Note: FLUID Include (Y/N) Y

- 1. Fluid Inlet Temperature, Degrees C. Fixed Temp (Y/N) Y 100
- 2. Fluid Outlet Temperature, Degrass C Fixed Temp (Y/N) N
- 3. Fluid Mass Flow Rate, Lb/Hr..... 10
- 4. Fluid/Wall Heat Transfer Coefficient, Btu/(Ft^2.Hr.F)..... 2.
- 5. Fluid Specific Heat (Constant Pressure):Cp, Btu/(Lb.F)..... 1.
- 6. Fluid Starting Node Number..... 1001
- 7. Tube Starting Node Number..... 2001
- 8. Tube Axial (Flow Direction) Length, Inch..... 20
- 9. Tube Axial (Flow Direction) Sub-Divisions..... 10
- 10. Tube Radius, Inch..... 1

