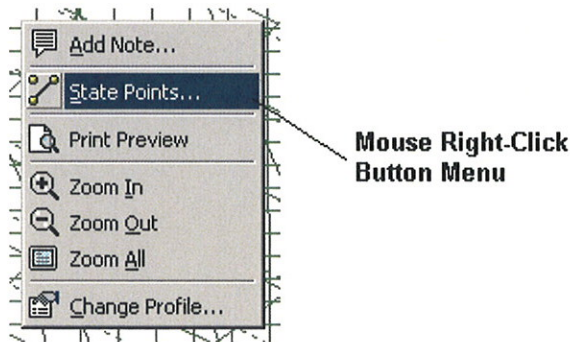
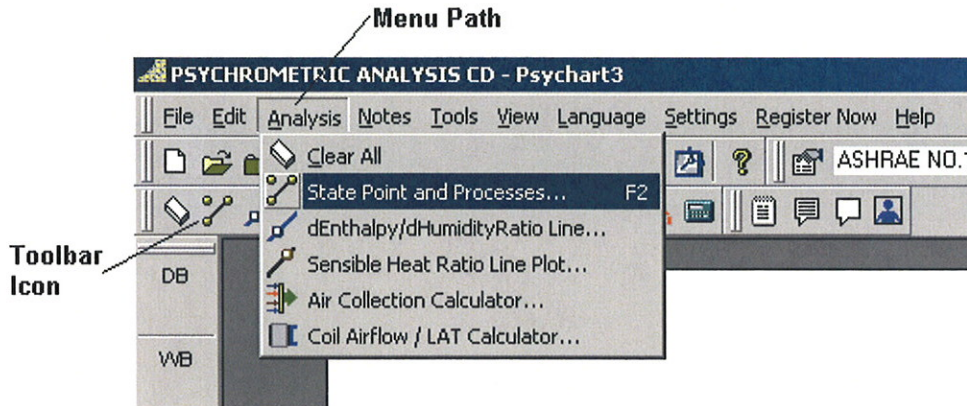


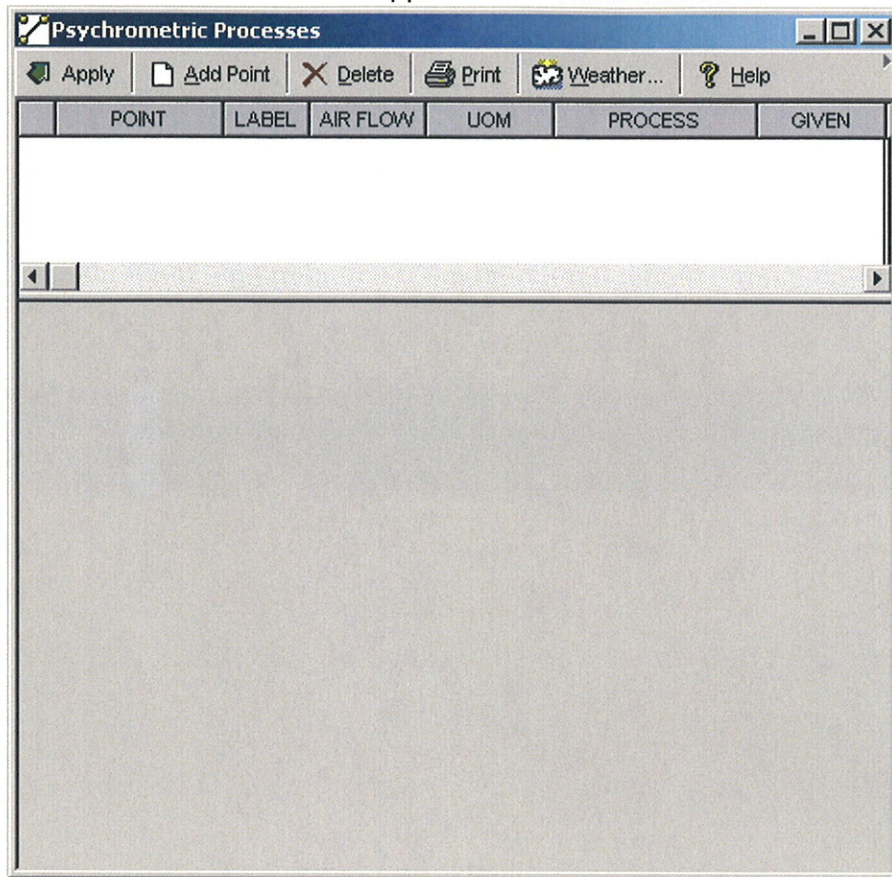
PSYCHROMETRIC ANALYSIS

STATE POINT & PROCESS ANALYSIS

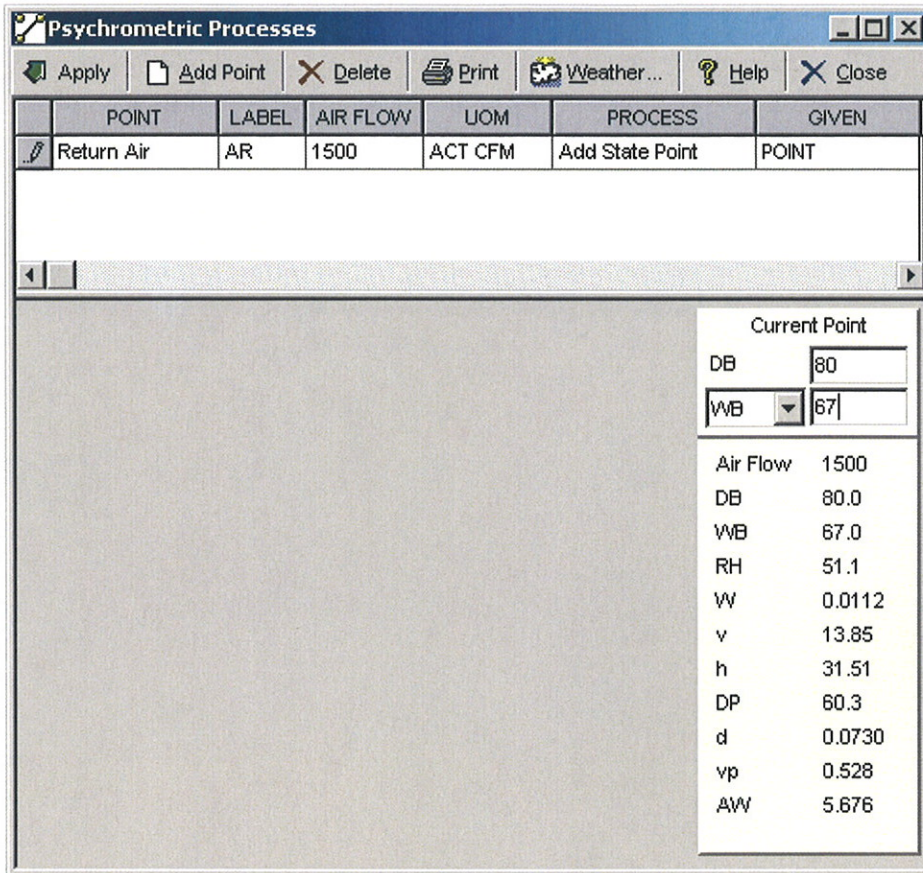
1. Activate "State Point and Processes" by any of the three methods shown below:



2. The Psychrometric Processes window appears with blank data fields.



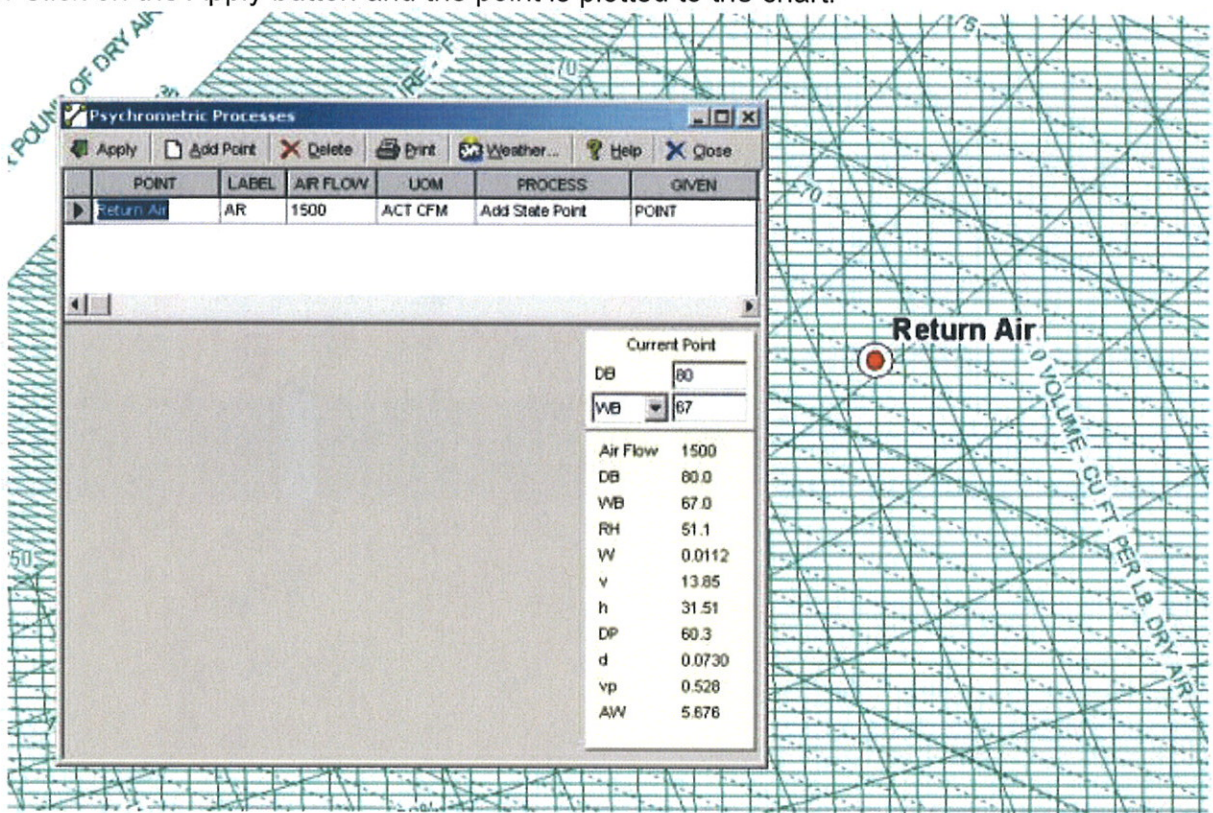
3. To enter a new point, click the Add Point button. Fill in the grid information as needed (point name, point label location, enter the airflow, select air flow units, select process and select given option). If this is the first point, the only process offered is "Add State Point" since there are no other points to create a process with. Click on the "Current Point" panel and enter dry bulb temperature, enter moisture value and select moisture property from the drop-down box.



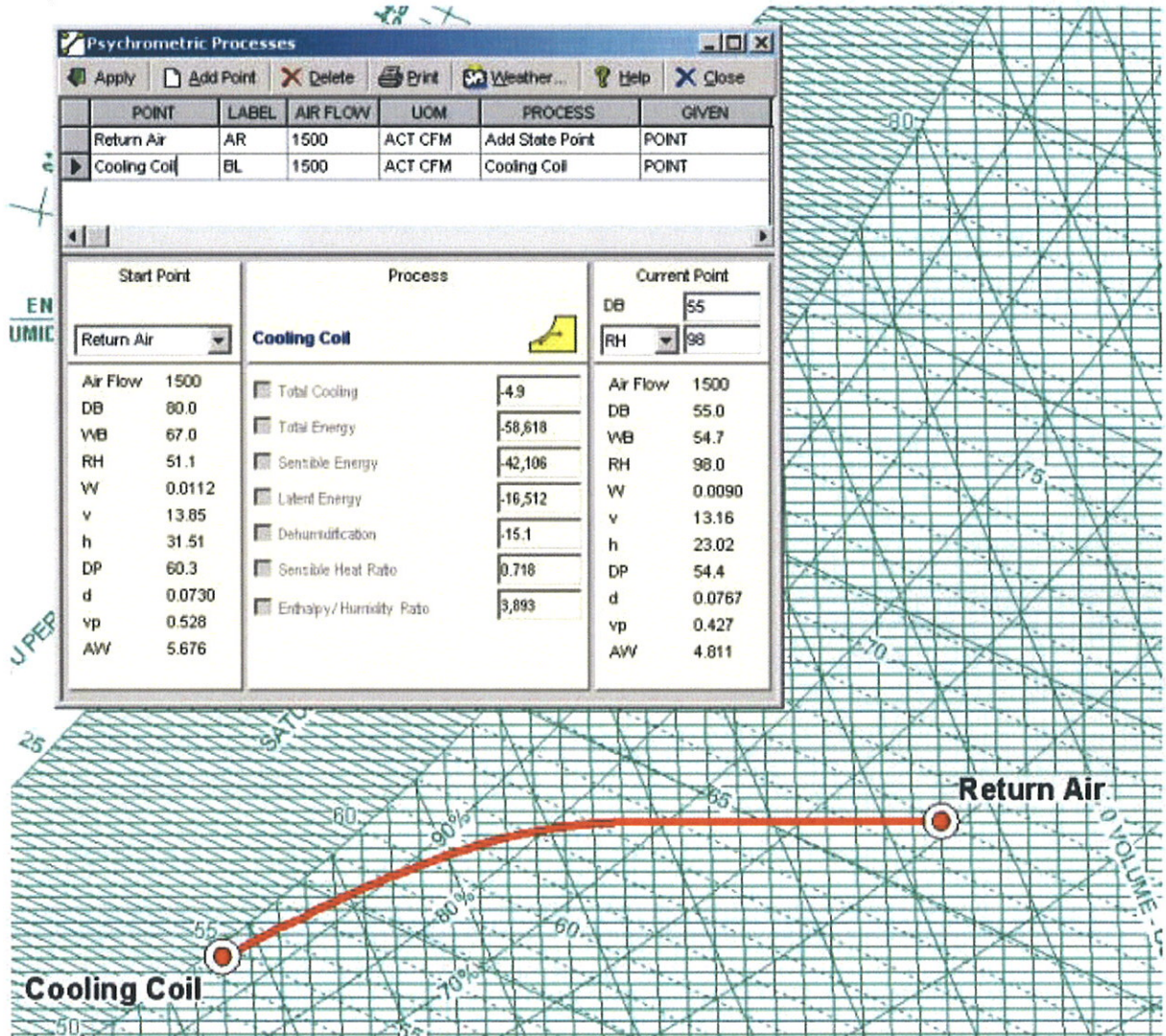
POINT	LABEL	AIR FLOW	UOM	PROCESS	GIVEN
Return Air	AR	1500	ACT CFM	Add State Point	POINT

Current Point	
DB	80
WB	67
Air Flow	1500
DB	80.0
WB	67.0
RH	51.1
W	0.0112
v	13.85
h	31.51
DP	60.3
d	0.0730
vp	0.528
AW	5.676

4. Click on the Apply button and the point is plotted to the chart.



5. Click the Add Point button again to continue adding new points. Adding more than one point enables additional PROCESSES to be selected in the grid. The GIVEN column will also be enabled, after the first point is entered, to allow entering either the end point (POINT), calculating the process energy or entering the process energy (ENERGY) and calculating the end point. After each successive point, click the Apply button to plot the point and process to the chart.



Additional processes can be added to complete any system. If you need to make changes you may do so to any point by just clicking on the proper grid row, make any desired changes and simply click "Apply" and the point and connecting processes are automatically updated.