

1. Room A's Wall #3, made of Fire-clay brick 500oC, if inside is 74°F and outside is 70°F?
2. Room B's Wall #3, made of Rubber, natural, if inside is 67°F and outside is 69°F?
3. Decane cycle, 554 (lb/hr) flowrate, outside is 84°F, inside 40°F?
4. Alcohol, propyl cycle, 1312 (lb/hr) flowrate, outside is 40°F, inside 88°F?
5. Room A's Wall #4, made of Silica aerogel, if inside is 67°F and outside is 13°F?
6. Carbon Tetrachloride cycle, 1330 (lb/hr) flowrate, outside is 86°F, inside 43°F?
7. Ammonia, 104oF cycle, 762 (lb/hr) flowrate, outside is 74°F, inside 57°F?
8. Ammonia, 176oF cycle, 535 (lb/hr) flowrate, outside is 45°F, inside 51°F?