# Heat Exchanger Lab

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12/1/2024

**Table 1a.** [insert caption here]

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Case | Flow Rate (kg/s) | | Temperature (oC) | | Ui (W/Km2) | Heat Transfer Rate (kW) | | |
|  |  |  |  | qc | qh | (%) |
| 1a | 0.2395 | 0.2876 | 5.1667 | 6.7778 |  | 6.8035 | 6.2106 | 5.9833 |
| 1b | 0.2332 | 0.1875 | 7.000 | 6.7778 |  | 6.6250 | 5.4878 | 12.1376 |
| 2a | 0.2017 | 0.3250 | 4.000 | 7.1667 |  | 6.0579 | 5.4346 | 7.1032 |
| 2b | 0.2143 | 0.1875 | 6.8889 | 7.0000 |  | 6.2876 | 5.4000 | 9.8760 |

**Table 1b.** [insert caption here]

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Case | Flow Rate (kg/s) | | Cr | Ui (W/Km2) | Heat Transfer Rate (kW) | | |
|  |  | qc | qh | (%) |
| 1a | 0.2395 | 0.2876 | 0.8351 |  |  |  |  |
| 1b | 0.2332 | 0.1875 | 0.8021 |  |  |  |  |
| 2a | 0.2017 | 0.3250 | 0.6222 |  |  |  |  |
| 2b | 0.2143 | 0.1875 | 0.8727 |  |  |  |  |

[copy and paste your figure 1c here – 2 subplots]

**Figure 1c.** [insert caption here]

Short-Answer Questions

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2a. [insert your response here]

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2b. [insert your response here]

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2c. [insert your response here]