**Tabel 1.** Pengujian Kolektor Menggunakan 6 Buah Lampu Dengan Variasi Sudut Kemiringingan 0⁰.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Waktu (menit/dt) | Suhu Air Kolektor ℃ | | Perbandingan  Manometer (mm) |
| Pipa Bawah | Pipa Atas |
| 1 | 0 | 29.4 | 29.6 | 0 |
| 2 | 10 | 29 | 28.4 | 0 |
| 3 | 20 | 32.1 | 31.9 | -1,5 |
| 4 | 30 | 36.2 | 37.4 | -1,5 |
| 5 | 40 | 40.6 | 43.4 | -1,5 |
| 6 | 50 | 44.8 | 48.4 | -1,5 |
| 7 | 60 | 48.7 | 52.7 | -2 |
| 8 | 70 | 51.9 | 56.4 | -2 |
| 9 | 80 | 54.8 | 59.4 | -1,5 |
| 10 | 90 | 57.2 | 61.6 | -1 |
| 11 | 100 | 59.2 | 63.3 | -1 |
| 12 | 110 | 60.9 | 64.9 | -1 |
| 13 | 120 | 62.5 | 66.4 | -1 |

**Tabel 2.** Pengujian Kolektor Menggunakan 6 Buah Lampu Dengan Variasi Sudut Kemiringingan 5⁰.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Waktu (menit/dt) | Suhu Air Kolektor ℃ | | Perbandingan  Manometer (mm) |
| Pipa Bawah | Pipa Atas |
| 1 | 0 | 28.9 | 29 | 0 |
| 2 | 10 | 28.4 | 32.4 | -1 |
| 3 | 20 | 28.5 | 39.2 | -1 |
| 4 | 30 | 30.2 | 44.8 | -1 |
| 5 | 40 | 31.8 | 49.3 | -1 |
| 6 | 50 | 33.5 | 53.8 | -1 |
| 7 | 60 | 34.8 | 57.4 | -1 |
| 8 | 70 | 36 | 60 | -2 |
| 9 | 80 | 37.2 | 61.7 | -2 |
| 10 | 90 | 38.3 | 63.4 | -2 |
| 11 | 100 | 39.3 | 65 | -2 |
| 12 | 110 | 40 | 66.4 | -1,5 |
| 13 | 120 | 40.8 | 67.7 | -1,5 |

**Tabel 3.** Hasil Pengujian Kolektor Menggunakan 6 Buah Lampu Dengan Variasi Sudut Kemiringingan 10⁰.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Waktu (menit/dt) | Suhu Air Kolektor ℃ | | Perbandingan  Manometer (mm) |
| Pipa Bawah | Pipa Atas |
| 1 | 0 | 28.9 | 28.9 | 0 |
| 2 | 10 | 28.7 | 34.5 | -1 |
| 3 | 20 | 29.5 | 40 | -1,5 |
| 4 | 30 | 32.3 | 44.9 | -1,5 |
| 5 | 40 | 34 | 50.3 | -2 |
| 6 | 50 | 36.9 | 53.5 | -1,5 |
| 7 | 60 | 38.9 | 55.7 | -1,5 |
| 8 | 70 | 39.9 | 57.8 | -1,5 |
| 9 | 80 | 41.2 | 59.9 | -1,5 |
| 10 | 90 | 42.2 | 61.6 | -1,5 |
| 11 | 100 | 43.2 | 62.9 | -2 |
| 12 | 110 | 43.9 | 64.1 | -2 |
| 13 | 120 | 44.9 | 65.1 | -2 |

**Tabel 4.** HasilPengujian Kolektor Menggunakan 2 Buah Lampu.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Waktu (menit/dt) | Suhu Air Kolektor ℃ | | Perbandingan  Manometer (mm) |
| Pipa Bawah | Pipa Atas |
| 1 | 0 | 28.9 | 30.3 | 0 |
| 2 | 10 | 29.2 | 30.6 | 0 |
| 3 | 20 | 29.3 | 32.1 | 0 |
| 4 | 30 | 29.3 | 38.8 | -1 |
| 5 | 40 | 29.5 | 40.3 | 0 |
| 6 | 50 | 29.5 | 41 | 0 |
| 7 | 60 | 29.5 | 42 | 0 |
| 8 | 70 | 29.8 | 43.1 | 0 |
| 9 | 80 | 30.1 | 44 | 0 |
| 10 | 90 | 30.2 | 44.8 | 0 |

**Tabel 5.** HasilPengujian Kolektor Menggunakan 4 Buah Lampu.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Waktu (menit/dt) | Suhu Air Kolektor ℃ | | Perbandingan  Manometer (mm) |
| Pipa Bawah | Pipa Atas |
| 1 | 0 | 30.8 | 31.6 | 0 |
| 2 | 10 | 30.2 | 36.9 | 0 |
| 3 | 20 | 30.4 | 43.7 | 0 |
| 4 | 30 | 30.1 | 46 | 0 |
| 5 | 40 | 31.3 | 49.4 | -1 |
| 6 | 50 | 31.8 | 52.4 | -1 |
| 7 | 60 | 32.3 | 55.1 | -1,5 |
| 8 | 70 | 32.5 | 57.7 | -1 |
| 9 | 80 | 33.1 | 59.5 | -1 |
| 10 | 90 | 33.4 | 60.8 | -1,5 |

**Tabel 6.** Hasil Pengujian Kolektor Menggunakan 6 Buah Lampu.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Waktu (menit/dt) | Suhu Air Kolektor ℃ | | Perbandingan  Manometer (mm) |
| Pipa Bawah | Pipa Atas |
| 1 | 0 | 29 | 29.3 | 0 |
| 2 | 10 | 28.9 | 37.9 | -1 |
| 3 | 20 | 29.1 | 44.3 | -1 |
| 4 | 30 | 30.1 | 49.5 | -1 |
| 5 | 40 | 31.7 | 54.4 | -1 |
| 6 | 50 | 33.1 | 59.3 | -1 |
| 7 | 60 | 33.8 | 63.1 | -1,5 |
| 8 | 70 | 34.1 | 66.4 | -2 |
| 9 | 80 | 33.7 | 68.2 | -2 |