



BAB V

KESIMPULAN DAN SARAN

V.1. Kesimpulan

1. Rancangan *preheater* menghasilkan *pressure drop* yang terlalu tinggi sehingga desain kurang efisien
2. Kinerja *preheater* pada saat *chamber* kosong kurang baik karena tidak ada aliran udara pada beberapa waktu.
2. Penggunaan *preheater* menaikkan kinerja pengeringan hanya untuk *chamber* bagian bawah

V.2. Saran

1. Pemilihan besi beton sebagai hambatan kurang baik karena menghasilkan *pressure drop* yang besar
2. Rangkaian *preheater* memerlukan perawatan karena pipa besi dapat berkarat dan mengalami kebocoran.
3. *Chamber* membutuhkan distributor sehingga pengeringan lebih merata di setiap bagian
4. *Preheater* dengan sensor/alat untuk mengukur intensitas matahari dibutuhkan untuk mempermudah evaluasi terhadap proses pengeringan.



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