

## Summary of study: Refrigeration system in a food processing unit: Unit - 8

**Industry** : Food processing

**Unit profile** : A seafood processing unit located in Ongole (Andhra Pradesh)

**Technology** :

- Thermo-shutter (air curtain)

**Application** : Energy savings by installation of thermo-shutters in the plant's two cold storage rooms

**Year of investigation:** 2018

**Key features:**

- Thermo-shutter (air curtain) for improving insulation efficiency, reducing leakages of cold air during opening/shutting of doors, and reducing frosting



**Energy and cost saving:**

Details	Existing	Recommended	Energy saving potential
Cold storage system	–	Thermo-shutters (2 rooms)	Very high