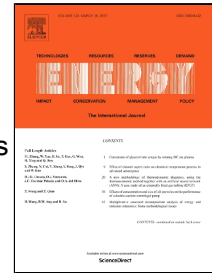


# Accepted Manuscript

Performance Enhancement of Solar Air Heater using Herringbone Corrugated Fins

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- A new practice to introduce herringbone corrugated fins in a solar air heater and their theoretical analysis.
- Thermal and thermohydraulic performance prediction of herringbone corrugated finned absorber solar air heater.
- Shows better thermal and thermohydraulic efficiency compared to Plane solar air heater.
- Pressure drop increases with the increase in mass flow rate and narrowing the gap between fins.

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