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Progress in Ground-source Heat Pumps Using Natural Refrigerants

Wei Wu , Harrison M. Skye , Lingnan Lin

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Highlights

- Progress in ground-source heat pumps using natural refrigerants was summarized.
- Performance of CO₂/NH₃/water/hydrocarbons in ground-source heat pumps was compared.
- Pros and cons of each natural refrigerant in ground-source heat pump were discussed.
- Advances and improvements for applications of natural refrigerants were discussed.
- Suggestions and perspectives were provided for future efforts on natural refrigerants.

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