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A Novel Variable Refrigerant Flow (VRF) Heat Recovery System
Model: Development and Validation

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Highlights

- A novel variable refrigerant flow heat recovery (VRF-HR) system model was developed
- The VRF-HR system model was implemented in Energyplus version 8.6
- The VRF-HR system model was validated against laboratory experimental data
- The VRF-HR system model can be adopted by other building simulation programs
- The VRF-HR system model improves accuracy and enables advanced controls

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