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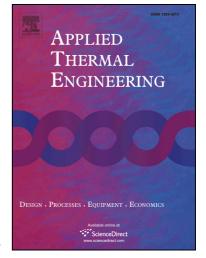
#### **Research Paper**

A refrigerant charge fault detection method for variable refrigerant flow (VRF) air-conditioning systems

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# **ACCEPTED MANUSCRIPT**

### A refrigerant charge fault detection method for variable refrigerant

### flow (VRF) air-conditioning systems

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