



EASYROOTS



# Variable Refrigerant Flow (VRF) HVAC

## PRODUCT NAME

Variable Refrigerant Flow (VRF) HVAC



## BENEFITS

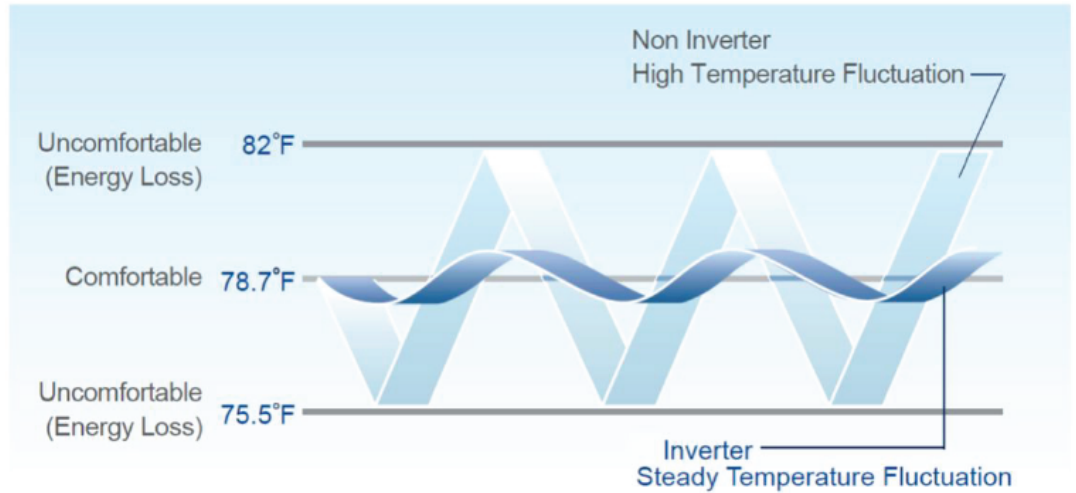
- Lower power requirement, resulting in leading energy efficiency rating (IEER).
- "Dry Mode" operation to reduce humidity during lights off cycle.
- Ductless air handlers to run a sealed grow environment with easy to clean coils.
- Direct access to Daikin and Panasonic factory to eliminate distributor and contractor markups.
- Maximize tax credits and rebates with solar integration or heat recovery systems.
- Touch screen controller allows for real time control and scheduling for each zone.

## COMMON MISCONCEPTIONS

*"VRF is not suited for industrial applications, comfort cooling only."*

VRF manufacturers stand behind their product with a 10 year warranty, even for industrial applications. The system is designed for continuous duty by ramping up or down to meet varying heat loads. This removes wear and tear associated with on/off style compressors **[Figure 1]**

**Figure 1:** Non-Inverter vs Inverter (VRF) Compressors



*"VRF does not work in indoor cultivation."*

If not sized, engineered, or installed properly, any HVAC system can fail in indoor cultivation. Our proven VRF Systems have been operational in cultivation environments since 2016. Further, the State of Illinois requires all craft Cannabis cultivation facilities, with over 6,000 sq ft. of canopy, plan to install VRF style systems.

*"So VRF is like a Mini-Split."*

No. Mini-Splits are for residential applications for seasonal use only. VRF are designed for commercial and industrial facilities, and specifically built for year-round operation.



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Smarter Systems for less.

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