

VARIABLE REFRIGERANT FLOW SYSTEMS

FOR COMMERCIAL
BUILDINGS

ZONE CONTROL
OCCUPANT COMFORT

COMFORT AND CONTROL ANYWHERE YOU WANT IT

Your local utility may offer up to \$1000 per ton for qualifying energy efficient variable refrigerant flow (VRF) systems in commercial buildings.

Utilizing VRF technology allows for better zone control, an increase in occupant comfort, and increased efficiency of heating and cooling in a building.



BENEFITS MAY INCLUDE



Quiet operation



Increased value of
commercial space



Precise temperature
control

CONTACT YOUR LOCAL UTILITY ABOUT INCENTIVES.
UTILITY PARTICIPATION AND INCENTIVES VARY.

How Does It Save Energy?

A VRF system cools or heats a space more efficiently than standard systems by moving variable amounts of refrigerant through a piping system to each space independently in order to cool or heat it. The system swiftly adapts to changing loads and can be designed for the exact needs of a space resulting in greater control of the building's interior temperature.

Compared with other heat pump systems, VRF saves energy with better part-load performance, zone control, and heat recovery options. By reducing the amount of ductwork, or eliminating ductwork completely in some cases, fan energy use is reduced by 10-20%



Incentive Requirements

PRE-INSTALLATION CONDITIONS:

- The space is conditioned by zonal or forced-air, electric-resistance heat as the primary heating source. No other heating sources are eligible.
- This measure applies to retrofits only.

POST-INSTALLATION CONDITIONS:

The installed VRF system must meet the following requirements:

- Have an AHRI certificate of product rating.
- Meet BPA's efficiency requirements for heating and cooling

Your local utility likely requires pre-approval for any VRF project. Contact Trade Ally Network NW or your utility once you start planning your project.

Estimated Incentives



Your local electric utility may offer **up to \$1000 per ton** for qualifying variable refrigerant flow installations.



If your project meets the above requirements, **call your local utility or Trade Ally Network NW** today to confirm eligibility and incentives.



Additional terms and conditions may apply. Utility participation and incentives vary.

Contact Trade Ally Network NW for more information. Lighting@bpa.gov | bpa.gov/tannw



Trade Ally Network NW is sponsored by Bonneville Power Administration and its Northwest Utilities.