

Wahkiakum PUD is helping our commercial customers reduce electric bills and make their businesses more comfortable through our Variable Refrigerant Flow System Retrofit Rebate Program. Variable Refrigerant Flow (VRF) heat pumps have similar applications as Ductless Heat Pumps (DHP), though they are more commonly used for multi-zone commercial HVAC applications and are available in larger tonnages.



### PROGRAM GUIDELINES

#### Customer eligibility:

- **Pre-approval is required for all utility rebate programs prior to** installation and expires sixty (60) days after approval – projects that require longer than sixty days to complete must obtain special approval from Wahkiakum PUD.
- Must be a current commercial electric customer of Wahkiakum PUD.
- Customer must participate in onsite inspection(s) and documentation as required by utility to verify eligibility and installation of materials and/or equipment.
- Funds for this program are limited. This program is offered on a first-come, first-served basis and is effective until funding is expended or the program ends. Wahkiakum PUD reserves the right to deny an application, modify or discontinue this program without prior notice at the PUD's sole discretion and reserves the right to determine eligibility and the right to verify equipment and materials installed. Incomplete projects may not qualify for rebates.

#### Pre-condition characteristics of conditioned space:

- Must be used primarily for commercial purposes.
- The space is conditioned by zonal or forced-air, electric-resistance heat as the primary heating source. No other heating sources are eligible.
- Spaces without heating, such as a garage or basement are not eligible for rebate.
- Must have a minimum of one year of active, electric services (new construction is not eligible).

#### Post-condition, qualifying contractor and equipment selection:

- Installation contractor must be licensed, insured and bonded to work in Washington State (self-install does not qualify for rebate); visit [WA State Department of Labor & Industries](http://www.wa.gov/industry) or contact Wahkiakum PUD to confirm contractor eligibility.
- The installed VRF system must have an AHRI certificate of product rating and meet BPA's efficiency requirements for both heating and cooling per below:

EQUIPMENT SIZE (COOLING CAPACITY; BTU/H)	MODE	SUB-CATEGORY OR RATING CONDITION	EFFICIENCY REQUIREMENT
< 65,000	Cooling	VRF Multi-split System	21.0 SEER
	Heating	VRF Multi-split System	11.0 HSPF
≥ 65,000 and < 135,000	Cooling	VRF Multi-split System (with or without heat recovery)	12.0 EER and 23.0 IEER
		VRF Multi-split system 47°F db/43°F wb outdoor air	3.7 COP
	Heating	17°F db/15°F wb outdoor air	2.27 COP
≥ 135,000 and < 240,000	Cooling	VRF Multi-split System (with or without heat recovery)	10.7 EER and 20.5 IEER
		VRF Multi-split System 47°F db/43°F wb outdoor air	3.5 COP
	Heating	17°F db/15°F wb outdoor air	2.16 COP
≥ 240,000	Cooling	VRF Multi-split System (with or without heat recovery)	9.8 EER and 18.9 IEER
	Heating	VRF Multi-split System 47°F db/43°F wb outdoor air	3.5 COP
		17°F db/15°F wb outdoor air	2.16 COP

- Customer is responsible for checking with and fulfilling any state, county, city government and/or homeowner's association codes, ordinances, local conditions, restrictions, rules and regulations and obtaining any required building permits when installing measures.

## REBATE RATES

Rebate amount cannot exceed the total cost of the project.

- Variable Refrigerant Flow System Retrofit (BPA-Qualified) - \$1,000 per ton\*

\*Project reporting to BPA is based on whole tons of outdoor cooling capacity (to determine tonnage, divide installed BTU capacity by 12,000) and shall be calculated at a project level using one of the following methods (the two methods are provided to accommodate different types of equipment configurations and capacities):

1. Sum the outdoor unit cooling capacity from all VRF systems installed, then round to the nearest whole ton; or
2. Round the outdoor unit cooling capacity of each individual VRF system to the nearest whole ton, then sum all rounded tons.

## DOCUMENTATION CHECKLIST

### Prior to Installation

To receive pre-approval prior to installation of Commercial HVAC measures, submit the following documents to Wahkiakum PUD before installation of equipment:

- Wahkiakum PUD Commercial Variable Refrigerant Flow Rebate Prequalification Request Form
- AHRI Certificate of Product Ratings

### After Installation

The following documentation must be provided to Wahkiakum PUD within 14 days of installation:

- Equipment/contractor invoice showing:
  - measure requirements have been met (i.e. manufacturer, model number, type and quantity of equipment or product installed/used)
  - order/purchase date
  - actual cost
- Verification installation has cleared all required building and/or electrical permits

**To learn more, contact Wahkiakum PUD at  
360-795-3266 or 360-465-2171 or visit [www.wahkiakumpud.org](http://www.wahkiakumpud.org)**



## Commercial Variable Refrigerant Flow Rebate Pre-Qualification Request Form

**PRE-QUALIFICATION REQUEST:** Pre-approval is required and expires sixty (60) days after approval.

Name of business		Estimated Install Date	
Physical address		PUD Account Number	
Mailing address			
Primary contact		Phone	
Secondary contact		Phone	
Year building built		Square Footage	
Primary use of conditioned space. Please describe the nature of your business (i.e. what services or goods do you provide, grow or manufacture in this conditioned space)			

### INSTALLATION INFORMATION

Installation company			
Phone		Estimated cost	
<b>Retrofit</b>	<b>Space 1</b>	<b>Space 2</b>	<b>Space 3</b>
Current heat source	<input type="checkbox"/> Zonal or forced-air, electric-resistance heat (retrofit)	<input type="checkbox"/> Zonal or forced-air, electric-resistance heat (retrofit)	<input type="checkbox"/> Zonal or forced-air, electric-resistance heat (retrofit)
Unit manufacturer			
Unit model #			
Outdoor cooling capacity (in tons)			

#### SIGNATURE and DISCLAIMER

Applicant is responsible for adhering to Program Guidelines. Wahkiakum PUD hereby disclaims any and all implied warranties (including but not limited to implied warranties of merchantability or fitness for a particular purpose) and shall not be responsible for any representation or promise with respect to the equipment, materials or labor required for the installation of energy efficiency measures on the premises, or the cost of such equipment, materials and labor. By signing this form, I understand that Wahkiakum PUD will make the final determination of any incentive that I may receive. Programs are subject to change without notice.

**Business Owner signature:**



**Date:**

**Optional Payment Release:** By owner signing below I release my utility rebate to be paid directly to the installation company.



**To obtain pre-approval, submit form to Wahkiakum PUD:**

By fax: 360-795-8441 (preferred)

By mail: PO Box 248, Cathlamet WA 98612

In person: 45 River Street, Cathlamet WA 98612

**Questions? Contact Wahkiakum PUD:**

Phone: (360) 795-3266 or (360) 465-2171

Visit us on the web at [www.wahkiakumpud.org](http://www.wahkiakumpud.org)