

Ductless Heat Pump Procedures

Participating Installers

Pre-installation:

1. Customer Contacts Participating Installers (at right) to obtain *PUD Ductless Heat Pump* bids. Bids may vary widely; we suggest obtaining at least two.
2. Customer selects a bid, ensures that the customer information is accurate and complete, authorizes the bid with their signature, and submits the bid to the selected Installer.
3. Installer schedules the installation.

Ductless heat pump is installed.

Post-installation:

1. The selected Participating Installer submits an invoice packet to the PUD, consisting of the following properly completed forms:
 - *PUD Ductless Heat Pump* bid
 - AHRI documentation
 - *Ductless Heat Pump Installation Form*
 - Incentive Invoice
 - Homeowner Invoice
2. Within 15 working days of job completion and receiving a properly completed invoice packet from the Installer, the PUD may schedule an on-site verification visit to ensure that PUD/BPA requirements were met.
3. Once all job specs are met and verified, PUD issues an incentive payment to the Installer.

Notes:

Bonneville Power Administration (BPA) reserves the right to audit PUD incentive programs. A BPA representative may contact you to schedule an inspection of the PUD incentive work at your home.

Participating Installers have signed an agreement with the PUD confirming that they will meet all PUD/BPA program requirements, posted surety bonds and obtained insurance, naming the PUD as additionally-insured.

Air Flo Heating

www.airfloheating.com
(360) 683-3901

All Weather Heating & Cooling

www.allweatherhc.com
(360) 452-9813

Alpha Builders Corporation

www.alphabuilder.us
(360) 452-3154

Angeles Heating, Inc.

www.angelesheating.com
(360) 457-0111

Bill Mair Heating & Air, Inc.

www.billmairheating.com
(360) 683-4245

Cascade Energy Services

1530 32nd St., Port Townsend 98368
(360) 775-9594

Dave's Heating & Cooling Service

1206 South C St., Port Angeles 98363
(360) 452-0939

Everwarm, Inc.

www.everwarmhh.com
(360) 452-3366

Greenwood Heating

www.greenwoodheating.com
(206) 784-1818

Peninsula Heat

www.peninsulaheat.com
(360) 681-3333

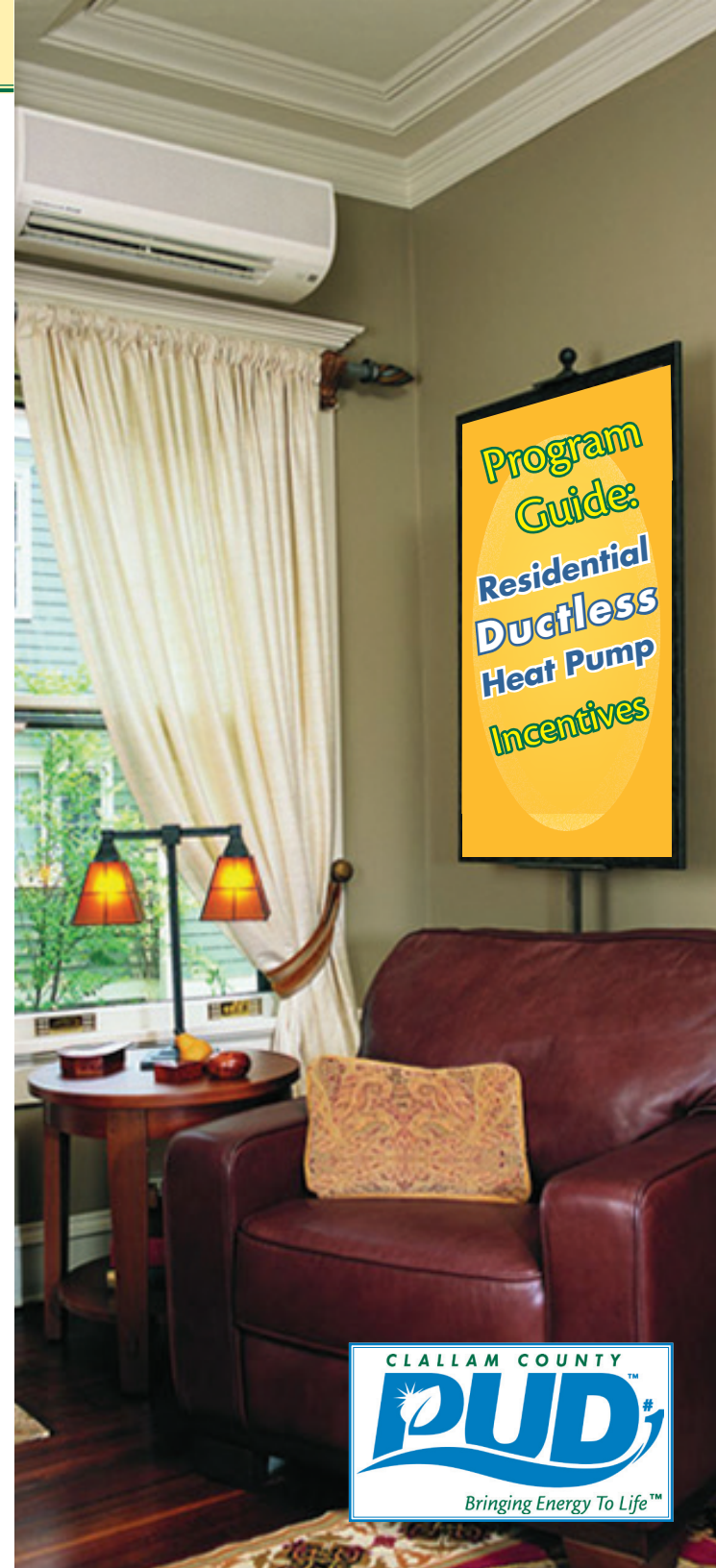
Spa Shop/Pellet Heat Co.

www.spashop.com
(360) 457-4406

Strait Comfort Systems

www.straitcomfort.com
(360) 440-8539

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Ductless Heat Pumps

Safe, quiet and extremely efficient, ductless heat pumps heat (*and cool*) homes at a fraction of the cost of baseboards, wall heaters and forced air furnaces. Because they *move* heat rather than generate it, heat pumps provide up to four times the energy that they consume. Ductless heat pumps are easily installed and great for retrofit installations.

Ductless Heat Pumps Have 3 Main Parts:

1. Indoor unit, mounted high on a wall
2. Remote control
3. Outdoor unit that sits on the ground



Terms to Know:

Zonal Heating: heating individual rooms with baseboard, wall, radiant ceiling and/or floor heaters.

HSPF: Heating Seasonal Performance Factor -- an efficiency rating of the heat pump's heating elements and compressor.

Prescriptive Duct Sealing: sealing household duct systems according to stringent guidelines to ensure maximum comfort, efficiency and return on investment. *Recommended.*

Additional Resources:

www.clallampud.net
www.goingductless.com
www.energy.gov/energysaver

Ductless Heat Pump Incentive



\$800^a: for existing site-built and manufactured homes with electric forced air furnaces.

\$500^b: for existing site-built homes with zonal heating systems.

Example: *Forced Air Furnace^a vs Zonal Heating System^b Bid*

Installer Bid	PUD Incentive	Customer Cost
^a \$3,600	\$800	\$2,800
^b \$3,600	\$500	\$3,100



Why does the PUD offer these incentives?

It's cheaper for us to conserve energy than to purchase more power on the open market. PUD incentive programs not only help you to keep your energy costs down while making your home more comfortable, they also allow us to acquire energy savings for the lifetime of your new insulation/heat pump/duct-sealing job/windows/washer/water heater/etc.. So, by reducing your energy use, you're helping us to keep all customers' energy costs down. *Thanks!*

Besides the financial incentive, is there any benefit to going the PUD route?

Energy efficiency and quality assurance. We require all Participating Installers to meet PUD/ Bonneville Power Administration specs for high efficiency installations. Then, we go the extra mile with an on-site visit to verify compliance.



Program Requirements

Eligibility for this incentive requires that all PUD & BPA requirements and specifications be met; for example:

- Only the legal homeowner(s) may apply.
- Residence receiving ductless heat pump must receive PUD electrical service.
- Existing manufactured and site built homes with electric forced air furnaces are eligible.
- Existing site built homes with electric zonal heating (e.g., baseboards, wall heaters, ceiling &/or floor radiant heat, etc.) are also eligible for this incentive.
- Homes with existing heat pumps, new construction, major remodels &/or add-ons are ineligible.
- Ductless heat pump must be installed by a PUD Participating Installer; **no exceptions.**
- Jobs at pre-1978 homes affecting 6ft² or more of painted interior surfaces must meet EPA *Lead-Based Paint Renovation, Repair & Painting Program* requirements. Contact Installer(s) for details.

Incentives may be modified or discontinued at any time.

Questions? Please call Utility Services at (360) 565-3249 OR (800) 542-7859 x249.