



Instructions for Washington HFC Reduction Program: Product Manufacturer Notification

1. Fill out the form using Adobe Reader.
2. Submit your completed form using our online reporting system. For complete instructions about how to submit your form, go to www.ecology.wa.gov/hfc.

If you have questions, email Ecology at hfc@ecy.wa.gov.

1. Type of Notification	
Initial Notification	Check this box for initial notification. Check this box only if this form is submitted before the restriction date applicable to the product class you are reporting. Initial notification is due to Ecology by Dec. 31, 2019 .
Status Update Notification for Restrictions Taking Effect	Check this box for status update notification. Check the box next to the year the restrictions apply. Status update notification is due to Ecology by April 30 after the restriction start date.
2. Manufacturer Information	
Name	Manufacturer name
Address/City/State/Postal Code/Country	Manufacturer address
3. Manufacturer Representative Information	
Name	Name of individual signing this form
Organization	Signer's employer
Mailing Address/City/State/Postal Code/Country	Signer's address
Phone Number (Ext)	Signer's phone number, including country code if outside the U.S.
Email Address	Signer's email address
4. Product Information	
Product class	Go to pages 2-6. If the product class you are reporting is not listed, describe under "other."
Are any products within this class sold, leased, rented, installed, or entered into commerce in Washington by manufacturer?	<p>Check "yes" or "no" for all restricted substitutes in use, intended for use, or embedded in any product within the applicable product class manufactured as of the date of this notification.</p> <p>For initial notification:</p> <ol style="list-style-type: none"> 1. Fill out page 2. Check "yes" or "no" for each product class. 2. If yes, fill out related table for each product class (pages 3-6). 3. If no, you're done. <p>For status update notification:</p> <ol style="list-style-type: none"> 1. Fill out page 2. Check "yes" or "no" for each product class. 2a. If no, check "no restricted substitutes used" at the top of each product class (pages 3-6). OR 2b. If yes, fill out related table for each product class (pages 3-6).
5. Certification Statement and Signature	
Certification Statement	Read the certification statement.
Representative Signature	Sign the form. The signer must be the individual listed in section 3.
Representative Name	Type the name of the individual signing the form. This must be the individual listed in section 3.
Date	Date the form was signed.

To request ADA accommodation, call 360-407-6831, 711 (relay service), or 800-833-6384 (TTY).

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Washington HFC Reduction Program: Product Manufacturer Notification

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1. Type of Notification

Initial Notification

Status Update Notification for Restrictions Taking Effect in (check one): 2020 2021 2022 2023 2024

2. Manufacturer Information

Name

Address

City

State/Province/Region

Postal Code

Country

3. Manufacturer Representative Information

First Name

Last Name

Organization

Mailing Address

City

State/Province/Region

Postal Code

Country

Phone Number (Ext)

Email Address

4. Equipment/Product Information (pages 2-6)

5. Certification Statement and Signature

I certify that:

- I am authorized by an agreement binding on the manufacturer to provide this notification on behalf of the manufacturer.
- I have all the necessary authority to carry out my duties and responsibilities on behalf of the manufacturer and that the manufacturer shall be fully bound by my representations, actions, inactions, or submissions.
- The manufacturer shall be bound by any order issued to me or to the manufacturer by Ecology, the Pollution Control Hearings Board, or a court regarding the manufacturer.

Representative Signature

Representative Name

Date

To request ADA accommodation, call 360-407-6831, 711 (relay service), or 800-833-6384 (TTY).

Product Class	Are any products within this class sold, leased, rented, installed, or entered into commerce in Washington by manufacturer as of the date of this notification?	
Air Conditioning and Refrigeration		
Built-in residential consumer refrigeration products	Yes	No
Centrifugal chillers	Yes	No
Cold storage warehouses	Yes	No
Compact residential consumer refrigeration products	Yes	No
Positive displacement chillers	Yes	No
Refrigerated food processing and dispensing equipment	Yes	No
Remote condensing units	Yes	No
Residential consumer refrigeration products other than compact and built-in residential consumer refrigeration products	Yes	No
Stand-alone units	Yes	No
Supermarket systems	Yes	No
Vending machines	Yes	No
Foams		
Bunstock	Yes	No
Flexible polyurethane	Yes	No
Flexible polyurethane foam	Yes	No
Integral skin polyurethane	Yes	No
Phenolic insulation board	Yes	No
Polyolefin	Yes	No
Polystyrene extruded boardstock and billet	Yes	No
Polystyrene extruded sheet	Yes	No
Rigid polyurethane applications and spray foam	Yes	No
Rigid polyurethane low-pressure two component spray foam	Yes	No
Propellants		
Aerosol Propellants	Yes	No
Other		
List:	Yes	No
	Yes	No
	Yes	No

Air Conditioning and Refrigeration (Refrigerants)

Substitute	Built-in residential consumer refrigeration products	Centrifugal chillers	Cold storage warehouses	Compact residential consumer refrigeration products	Positive displacement chillers	Refrigerated food processing and dispensing equipment	Remote condensing units	Residential consumer refrigeration products other than compact and built-in residential consumer refrigeration products	Stand-alone units	Supermarket systems	Vending machines
No restricted substitutes used											
FOR12A											
FOR12B											
HFC-134a											
HFC-227ea											
HFC-236fa											
HFC-245fa											
R-125/R-134a/R-600a (28.1/70.0/1.9)											
R-125/R-290/R-134a/R-600a (55.0/1.0/42.5/1.5)											
R-404A											
R-407A											
R-407B											
R-407C											
R-407F											
R-410A											
R-410B											
R-417A											
R-421A											
R-421B											
R-422A											
R-422B											
R-422C											
R-422D											
R-423A											
R-424A											
R-426A											
R-428A											
R-434A											
R-437A											
R-438A											
R-443A											
R-507, R-507A											

Air Conditioning and Refrigeration (Refrigerants)

Substitute	Built-in residential consumer refrigeration products	Centrifugal chillers	Cold storage warehouses	Compact residential consumer refrigeration products	Positive displacement chillers	Refrigerated food processing and dispensing equipment	Remote condensing units	Residential consumer refrigeration products other than compact and built-in residential consumer refrigeration products	Stand-alone units	Supermarket systems	Vending machines
R-1270 (propylene)											
RS-24 (2002 formulation)											
RS-44 (2003 formulation)											
SP34E											
THR-03											
Other:											

Foams

Substitute	Bunstock	Flexible polyurethane	Flexible polyurethane foam	Integral skin polyurethane	Phenolic insulation board	Polyolefin	Polystyrene extruded boardstock and billet	Polystyrene extruded sheet	Rigid polyurethane applications and spray foam	Rigid polyurethane low-pressure two component spray foam
No restricted substitutes used										
Formacel® B										
Formacel® TI										
Formacel® Z-6										
HCFC-22										
HCFC-22 and HFC-245fa blends										
HCFC-22 and HCFC-142b blends										
HCFC-22 and saturated light hydrocarbons (C ₃ -C ₆) blends										
HCFC-123 and HCFC-141b blends										
HCFC-124										
HCFC-141b										
HCFC-142b										
HFC-134a										
HFC-143a										
HFC-245fa										
HFC-365mfc										
HFC-365mfc and HFC-245fa blends, containing at least 5% HFC-245fa										
HFC-365mfc and HFC-227ea commercial blends, containing 7% to 13% HFC-227ea and the remainder HFC-365mfc (Solkane® 365/227)										
Methylene chloride										
Other:										

Propellants

Substitute	Aerosol propellants	
No restricted substitutes used		
HCFC-142b		
HCFC-22		
HFC-125		
HFC-134a		
HFC-227ea		
SF ₆		
Other:		

Other Product Class

Product Class	Substitute