

Major Appliance Recycling Roundtable - Product List and Definitions

Background:

The following document provides a detailed list of products and relevant definitions captured by the Major Appliance Recycling Roundtable's (MARR) stewardship program in British Columbia.

For more information on the MARR program or any questions on the product list, please refer to www.marrbc.ca or contact MARR at info@marrbc.ca.

Definition of Included Products – All Categories:

Major appliances that have been designated for residential use, including dual fuel natural gas or propane products provided the other power source is electricity. Appliances used in or sold for industrial, commercial and/or institutional (IC&I) applications that have the same essential design characteristics as major household appliances, as defined above, are also included.

All program products that are used for the purpose of refrigeration or freezing must contain a compressor and/or refrigerant gases.

Excluded Products:

The following products are excluded from the program:

- Products that do not meet the definitions of included products listed above, including non-electrical appliances and small electrical appliances captured by other stewardship programs.
- Products designed for use in recreational vehicles or boats
- Products designed for use in industrial, commercial or institutional (IC&I) applications (grocery stores, restaurants, retail stores, hotels etc.) unless otherwise specified below
- Residential and commercial furnaces whether electric, gas or heating oil
- Hot water heaters whether electric or gas that are permanently attached to the home's water supply system
- Products that are used for the purpose of refrigeration or freezing are chilled by thermoelectric cooling and do not contain a compressor and/or refrigerant gases
- Products listed as excluded in the detailed product list included below

Summary of Product Categories

Refer to the pages below for a detailed definition and list of included products for each category.

Product Category	
1.	Full-Size Refrigerators & Wine Coolers/Beverage Centre
2.	Compact Refrigerators & Wine Coolers/Beverage Centre
3.	Freezers
4.	Room Air Conditioners
5.	Portable Air Conditioners
6.	Dehumidifiers
7.	Clothes Washers
8.	Clothes Dryers / Built-In Steam Cleaners
9.	Ranges
10.	Range Hoods and Downdrafts
11.	Built-In Ovens
12.	Built-In and Over the Range Microwave Ovens
13.	Surface Cooking Units
14.	Dishwashers
15.	Food Waste Disposers
16.	Trash Compactors
17(a).	Electric Cold Beverage Dispensers
17 (b)	Built-In Electric Hot Beverage Dispensers

1. Full-Size Refrigerators & Wine Coolers/Beverage Centre			
Category Definition	- A self-contained insulated cabinet greater than 6.4 cubic feet in volume that uses electricity to power a heat pump to cool the inside of the cabinet - May include Built-In and free-standing type models and units dedicated for garage applications - May include separate compartments that cool the interior of each compartment to temperatures above and/or below the freezing point - Typically used for the storage of household foods and/or beverages that require or benefit from cool or frozen storage - Must contain a compressor and/or refrigerant gases for cooling purposes		
Product List and Details	Side-by-side refrigerators with two vertical doors separating a cooling and a freezing compartment Top mount refrigerators with two horizontally mounted doors separating a cooling and freezing compartment where the freezing compartment is located on the top 3+ Door refrigerator with separate cooling and freezing compartments where either compartment has more than a single door	Bottom mount refrigerators with two horizontally mounted doors separating a cooling and freezing compartment where the freezing compartment is located on the bottom Dedicated cooling only refrigerators where there is no freezing compartment Full size refrigerators intended as wine coolers and beverage centres	Beer keg and wine dispensers with the ability to dispense contents through one or more attached taps. Unit performs cooling, preserving and dispensing functions
Products Excluded from Program	- Cold boxes not powered by electricity - Refrigerators and wine coolers/beverage centres that use thermoelectric cooling and do not contain a compressor and/or refrigerant gases - Refrigerators designed for use in industrial, commercial or institutional (IC&I) applications		

2. Compact Refrigerator & Wine Coolers/Beverage Centre

Category Definition	- A self-contained insulated cabinet of 6.4 cubic feet or less in volume that uses electricity to power a heat pump to cool the inside of the cabinet - May include built-in, free-standing and countertop type models - May include separate compartments that cool the interior of each compartment to temperatures above and/or below the freezing point - Typically used for the storage of household foods and/or beverages that require or benefit from cool or frozen storage - Must contain a compressor and/or refrigerant gases for cooling purposes		
Product List and Details	Refrigerator or refrigerator/freezer combinations with one or more door or drawer Beer keg and wine dispensers with the ability to dispense contents through one or more attached taps. Unit performs cooling, preserving and dispensing functions	Under-counter refrigerator drawers which are designed to be installed below the countertop and which include one or more pull-out drawers. May include units with cooling only compartments or a combination of cooling and freezing compartments	Compact refrigerators intended as wine coolers and beverage centres Compact refrigerators with a built-in cooking unit(s) and/or sink integrated into a single chassis and sold as a single unit
Products Excluded from Program	- Cold boxes not powered by electricity - Battery or 12VDC powered portable coolers - Portable single bottle wine chillers - Compact refrigerators & wine coolers/beverage centres that use thermoelectric cooling and do not contain a compressor and/or refrigerant gases - Compact refrigerators designed for use in industrial, commercial or institutional (IC&I) applications		

3. Freezers

Category Definition	- A self-contained insulated cabinet that uses electricity to power a heat pump to cool the entire cabinet to temperatures below the freezing point - Typically used to freeze residential food store to prevent spoilage - May include built-in and free-standing type models - Must contain a compressor and/or refrigerant gases for cooling purposes		
Product List and Details	Chest freezers where the door hinges on a horizontal access and food is placed into the freezer from the top Upright freezers where the door hinges on a vertical access and food is placed into the freezer from the front	Under-counter freezer drawers with freezing compartments under the counter (<i>Note: combination under-counter refrigerator/freezer drawers captured by Category 2</i>) Compact freezers of 6.4 cubic feet or less in volume	Ice makers including countertop units where the ice is stored either inside the unit or dispensed through a mechanism in the wall of the unit
Products Excluded from Program	- Battery or 12VDC power portable freezing units - Freezers that use thermoelectric cooling and do not contain a compressor and/or refrigerant gases - Ice makers that have been integrated into a free-standing or countertop water dispenser (refer to Category 17) - Freezers designed for use in industrial, commercial or institutional (IC&I) applications		

4. Room Air Conditioners

Category Definition	• Factory made encased unit designed for cooling air in a residential setting where the refrigeration equipment is entirely contained with the chassis • Designed to be mounted in a window or through a hole in a wall • Delivers conditioned air to an enclosure or zone without ducts for air supply or return • May also perform air heating functions in addition to air cooling • Must contain a compressor and/or refrigerant gases for cooling purposes	
Product List and Details	Horizontal, vertical and through the wall air conditioners	Horizontal and/or vertical air conditioners mounted in a window
Products Excluded from Program	• Central air conditioners connected to a residential furnace or a home's central ventilation system • Split and mini-split systems, packaged terminal air conditioners and heat pumps • Residential space heaters that are either mounted permanently to the home or are portable and have been designed to be moved from place to place in the home • Air cleaners • Room air conditioners that use thermoelectric cooling and do not contain a compressor and/or refrigerant gases • Room air conditioners designed for use in industrial, commercial or institutional (IC&I) applications	

5. Portable Air Conditioners

Category Definition	• Factory made encased unit designed for cooling air in a residential setting where the refrigeration equipment is entirely contained with the chassis • Typically (but not always) mounted on wheels and designed to be moved from place to place within a building structure • May also perform air heating functions in addition to air cooling • Must contain a compressor and/or refrigerant gases for cooling purposes	
Product List and Details	Air conditioners that are specifically designed to be moved from place to place within a residence	
Products Excluded from Program	• Residential space heaters that are either mounted permanently to the home or are portable and have been designed to be moved from place to place in the home • Portable fans • Air cleaners • Portable air conditioners that use thermoelectric cooling and do not contain a compressor and/or refrigerant gases • Portable air conditioners designed for use in industrial, commercial or institutional (IC&I) applications	

6. Dehumidifiers

Category Definition	- Electrically powered dehumidifiers that are self-contained units encased in an assembly that includes a refrigerating surface, electric motor, circulating fan and a drain system to collect condensation - Can be moved from place to place in the home - Must contain a compressor and/or refrigerant gases for cooling purposes		
Product List and Details	Free standing dehumidifiers designed for use in a residential setting that can be moved from place to place in the building or structure		
Products Excluded from Program	- Dehumidifiers permanently installed on a home's furnace or ventilation/air duct system - Dehumidifiers that use thermoelectric cooling and do not contain a compressor and/or refrigerant gases - Dehumidifiers designed for use in industrial, commercial or institutional (IC&I) applications		

7. Clothes Washers

Category Definition	An electrically powered machine designed for washing clothing or other fabrics that fills with water at selected temperatures and washes, rinses and extracts water from the fabrics or clothing		
Product List and Details	Top loading clothes washers where access to the washing tub is through a horizontally mounted door/lid on the top of the machine Front loading clothes washers where access to the washing tub is through a vertically mounted door located on the front of the machine	Top or front loading clothes washers designed to be assembled by the end user into a stacked laundry unit with a clothes dryer Stacked laundry products that contain both a washer and a dryer (each with their own tub/drum) that have been manufactured as a common chassis and sold as a single unit would be levied one clothes washer APF	Top or front loading clothes washers that also dries clothes or fabric following the washing cycle within the same tub/drum
Products Excluded from Program	- Clothes washers that are not electrically powered - Dry cleaning equipment - Clothes washers designed for use in industrial, commercial or institutional (IC&I) applications (e.g. load capacity greater than 10kg, permanently affixed to the floor)		

8. Clothes Dryers / Built-In Steam Cleaners

Category Definition	- An electrically powered machine designed for drying or steaming clothing or other fabrics that dries by evaporation through the use of various combinations of heat, air flow and tumbling - Either electricity or gas may be used as the heat source		
Product List and Details	Top loading clothes dryers where access to the washing tub is through a horizontally mounted door/lid on the top of the machine Front loading clothes dryers where access to the washing tub is through a vertically mounted door located on the front of the machine	Top or front loading clothes dryers designed to be assembled by the end user into a stacked laundry unit with a clothes washer Stacked laundry products that contain both a washer and a dryer (each with their own tub/drum) that have been manufactured as a common chassis and sold as a single unit would be levied one clothes washer APF	
Products Excluded from Program	- Portable steamers - Irons - Pressing machines - Dry cleaning equipment - Drying racks or shelving - Clothes dryers designed for use in industrial, commercial or institutional (IC&I) applications (e.g. load capacity greater than 10kg, permanently affixed to the floor)		

9. Ranges

Category Definition	- A thermal cooking appliance designed for residential use comprised of a surface cook top and an oven where the surface cook top, oven and controls are consolidated in one chassis at the factory - Thermal cooking in a range can be accomplished through induction or with either electricity, gas or a combination of electricity and gas as the energy source		
Product List and Details	Free standing ranges that stand on the floor or base cabinet and support, does not have to be permanently fastened or fitted to the dwelling structure or adjacent cabinets Ranges that include a warming drawer	Slide in ranges that are floor supported with an oven below the surface cooktop and designed to be installed between or adjacent to kitchen cabinets, but not support by such cabinets Ranges with dual cavities within the same chassis platform	Drop-in ranges that have an oven below the cooktop surface and are designed to be installed in a cavity in a kitchen base cabinet and supported by a cabinet counter top or similar structure
Products Excluded from Program	- Electric or gas barbecues - Ranges designed for use in industrial, commercial or institutional (IC&I) applications		

10. Range Hoods and Downdrafts

Category Definition	- Hoods or other devices designed for residential use and installed above or in proximity to ranges or surface cook-tops designed to capture and filter and/or exhaust cooking odours and vapours - Canopies can be comprised of a variety of material types, including steel and glass		
Product List and Details	“Downdraft” kitchen cooking ventilation systems that are separate from the cooking unit and that capture, filter and remove air downward from a fixed or pop-up venting system along rear or sides of a cooking surface using either an internal or external power blower	Range hoods with fans that are connected to an externally vented duct and that discharge cooking vapours and odours to the exterior of the home	Decorative hoods including wall mount, canopy mount, undercabinet, insert, and island hood Range hoods that contain a filter and fan that are not connected to an externally vented duct and circulate air back into the home
Products Excluded from Program	- Ventilation equipment used for purposes other than filtering or ventilating odours and vapours from ranges or surface cooking units - Fire suppression systems - Range hoods & downdrafts designed for use in industrial, commercial or institutional (IC&I) applications		

11. Built-In Ovens

Category Definition	- Separate ovens that are installed in a cavity in the wall, in a wall cabinet or fixed to the wall - Controls can be independent units and can be installed separately - Heating power may be provided by gas or electricity		
Product List and Details	Built-in ovens Separate warming drawers	Built-in oven in combination with a microwave oven integrated into a single chassis and sold as a single unit	Double wall ovens with two built-in compartments integrated into a single chassis and sold as a single unit
Products Excluded from Program	Built-in ovens designed for use in industrial, commercial or institutional (IC&I) applications		

12. Built-In & Over The Range Microwave Ovens

Category Definition	- A completely self-contained cooking appliance designed for residential use that is mounted to walls or cabinets of a home and that uses electricity to create electromagnetic energy to cook food within a single cavity - Units may also incorporate the ability to cook using thermal heating capability in addition to electromagnetic energy	
Product List and Details	Over the range microwave ovens with or without hood vent combinations	Microwave ovens that are designed to be permanently installed and affixed with kitchen cabinetry
Products Excluded from Program	- Free standing counter-top microwave ovens - Built-in & over the range microwave ovens designed for use in industrial, commercial or institutional (IC&I) applications	

13. Surface Cooking Units

Category Definition	- A unit with heating/cooking elements that is designed to be built-into the surface of a residential counter-top and that is separate from an oven - Cooking can be accomplished through induction or with either electricity, gas or a combination of electricity and gas as the energy source	
Product List and Details	Cook-tops installed into the counter top where the controls are either integrated into the unit or installed separately from the cook-top	Surface cooking units used in IC&I applications that have the same design characteristics as residential surface cooking units and otherwise meet the definitions above
Products Excluded from Program	- Portable electric and/or gas cooktops containing one or more burner - Surface cooking units designed for use in industrial, commercial or institutional (IC&I) applications	

14. Dishwashers

Category Definition	An electrically powered appliance designed for residential use that uses water to wash dishes within one or more self-contained compartments		
Product List and Details	Portable dishwashers designed for mobile use within the kitchen that have a functional top, wheels, hoses and cord attached and that can be hooked up to a kitchen water source	Built-in dishwashers that are permanently installed under the counter, dropped into kitchen cabinetry or are in-sink mounted Dishwasher drawers with slide in access. This may include single or double drawers	Convertible dishwashers that can operate as a portable or built-in dishwasher
Products Excluded from Program	Dishwashers designed for use in industrial, commercial or institutional (IC&I) applications		

15. Food Waste Disposers

Category Definition	Electrically powered apparatuses used to dispose of food waste or to process household refuse for subsequent disposal	
Product List and Details	Food waste disposers that are integrated into the plumbing system of a household and that use electromechanical means to shred food waste so that it can be disposed of through the household plumbing system	
Products Excluded from Program	Food waste disposers designed for use in industrial, commercial or institutional (IC&I) applications	

16. Trash Compactors

Category Definition	Electrically powered apparatuses used to receive and compress household refuse for subsequent disposal	
Product List and Details	Trash compactors whether permanently installed or portable that consist of a storage container, a power source and a compaction ram	
Products Excluded from Program	Trash compactors designed for use in industrial, commercial or institutional (IC&I) applications	

17(a). Electric Cold Beverage Dispensers		
Category Definition	Electrically powered devices designed for residential applications that are used to dispense chilled liquids that contain refrigerant gases for cooling purposes.	
Product List and Details	Beverage dispensers <i>that are free standing or</i> mounted under the counter, counter-top units with a compressor and refrigerant gas or built-in units that are integrated into the residential plumbing system that are used to dispense chilled liquids.	Electric beverage dispensers used in IC&I applications that have the same design characteristics as residential electric beverage dispensers and otherwise meet the definitions above.
Products Excluded from Program	- Countertop liquid dispensers that do not have a compressor or refrigerant gas that dispense chilled and/or heated liquids, including those that are or are not integrated into the residential plumbing system, models that contain an ice maker and models that contain an integrated compact refrigerator. - Electric beverage dispensers designed for use in industrial, commercial or institutional (IC&I) applications	

17(b). Built-In Electric Hot Beverage Dispensers		
Category Definition	Electrically powered devices designed for residential applications that are used to dispense heated liquids only.	
Product List and Details	Beverage dispensers mounted under the counter or built-in that are integrated into the residential plumbing system that are used to dispense heated liquids only (i.e. they do not have refrigerant to dispense chilled liquids).	Electric beverage dispensers used in IC&I applications that have the same design characteristics as residential electric beverage dispensers and otherwise meet the definitions above
Products Excluded from Program	- Free standing and countertop liquid dispensers that dispense heated liquids, including those that are or are not integrated into the residential plumbing system, models that contain an ice maker and models that contain an integrated compact refrigerator. - Electric beverage dispensers designed for use in industrial, commercial or institutional (IC&I) applications	