



Federal Halocarbon Regulations, 2022 (FHR 2022):

Size-dependent obligations for systems or containers

The *Federal Halocarbon Regulations, 2022 (FHR 2022)* establish requirements for refrigeration, air-conditioning, fire-extinguishing, and solvent systems and containers under federal jurisdiction.

Different obligations will depend on the size of the systems or containers.

Definition of a small refrigeration or small air-conditioning system

Under the FHR 2022, a small air-conditioning or refrigeration system is defined by its charge capacity.

A small air-conditioning system or a small refrigeration system, means a system that consists of a single refrigerant circuit that contains or is designed to contain 10 kilograms (kg) or less of halocarbon; or multiple refrigerant circuits each of which contains or is designed to contain 10 kg or less of halocarbon.

Definition of small fire-extinguishing or solvent systems or small containers

1. A small fire-extinguishing system contains or is designed to contain 10 kg or less of halocarbon;
2. A small solvent system contains or is designed to contain 10 kg or less of halocarbon; or,
3. A small container contains or is designed to contain 10 kg or less of halocarbon.

Comparison of obligations for small vs. large systems and containers

The FHR 2022, apply to all systems and containers regardless of their halocarbon charge. However, there are different obligations depending on the size of the system or container.

Obligation under the FHR 2022	Small systems and small containers (designed to contain 10 kg or less of halocarbon)	Large systems and large containers (designed to contain more than 10 kg of halocarbon)
Leak test must be performed once every calendar year and no more than 15 months since the previous leak test (Section 17)	NO	YES
Servicing activities, installation and permanent withdrawal from use must be recorded (Section 23)	Only activities that can lead to the release of halocarbon need to be recorded in the activity log when performed on small systems or containers	YES



Obligation under the FHR 2022	Small systems and small containers (designed to contain 10 kg or less of halocarbon)	Large systems and large containers (designed to contain more than 10 kg of halocarbon)
Systems and containers must be recorded in the inventory (Section 22)	NO	YES
When permanently withdrawing from use the halocarbon must be recovered (Section 16)	YES unless the system is being transferred to a new owner, it is in operating condition and its transfer will not result in the release of a halocarbon.	YES

Good to know – other useful information

- › Overview of the *Federal Halocarbon Regulations, 2022*
- › Owner, responsible person and certified person
- › Size-dependent obligations for systems or containers
- › Leaks and leak tests
- › Maintenance of systems and containers
- › Reporting a release of a halocarbon
- › Prohibitions and permits

For more information, visit our website www.canada.ca/federal-halocarbon-regulations.

If the information you need is not available on our website, contact your regional office or the Halocarbon Program:

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