

# EK regula Nr.: 517/2014 - Freona izmantošanas ierobežojumi

Uldis Strauts  
Menerga Baltic  
Projektu vadītājs



**menerga**  
a systemair company



Attieksies uz HFC veida freoniem.

Freona izmantotāji:

- Dzesēšanas/saldēšanas sistēmas
- Ražošana (putas, alumīnijs utml)

Šī regula nosaka atbildību iekārtu operatoram,  
kas izmanto freonu:

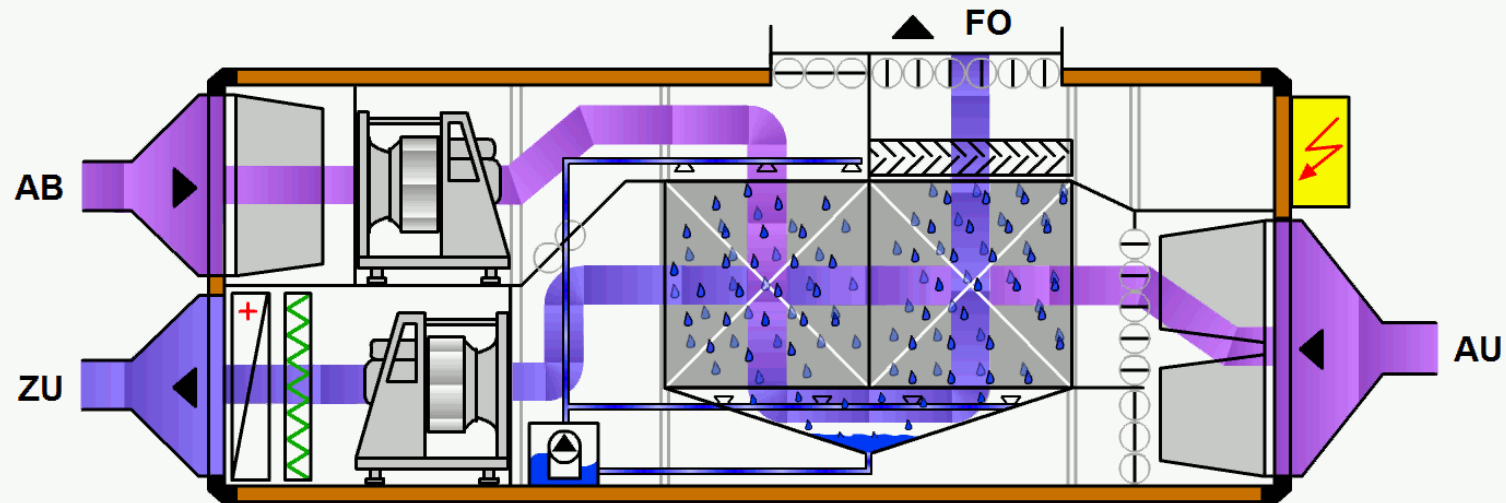
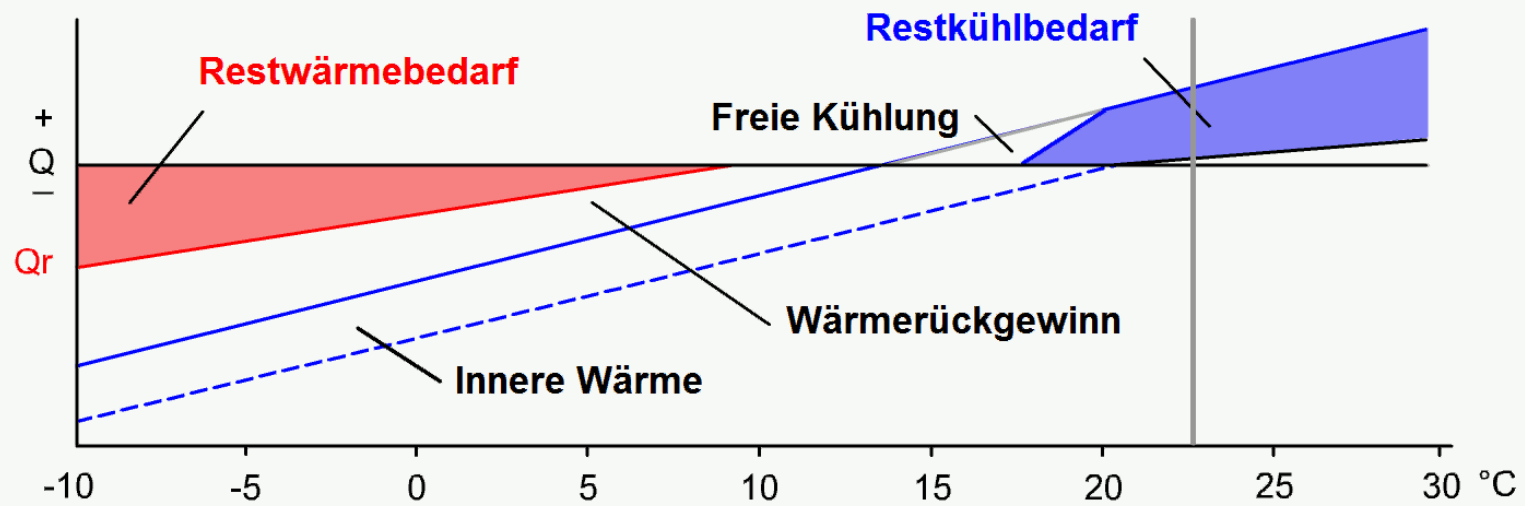
- Pienākumu samazināt emisijas
- Pienākumu remontēt iekārtas
- Pienākumu novērst noplūdes
- Pienākumu uzskaitīt freonu apjomu

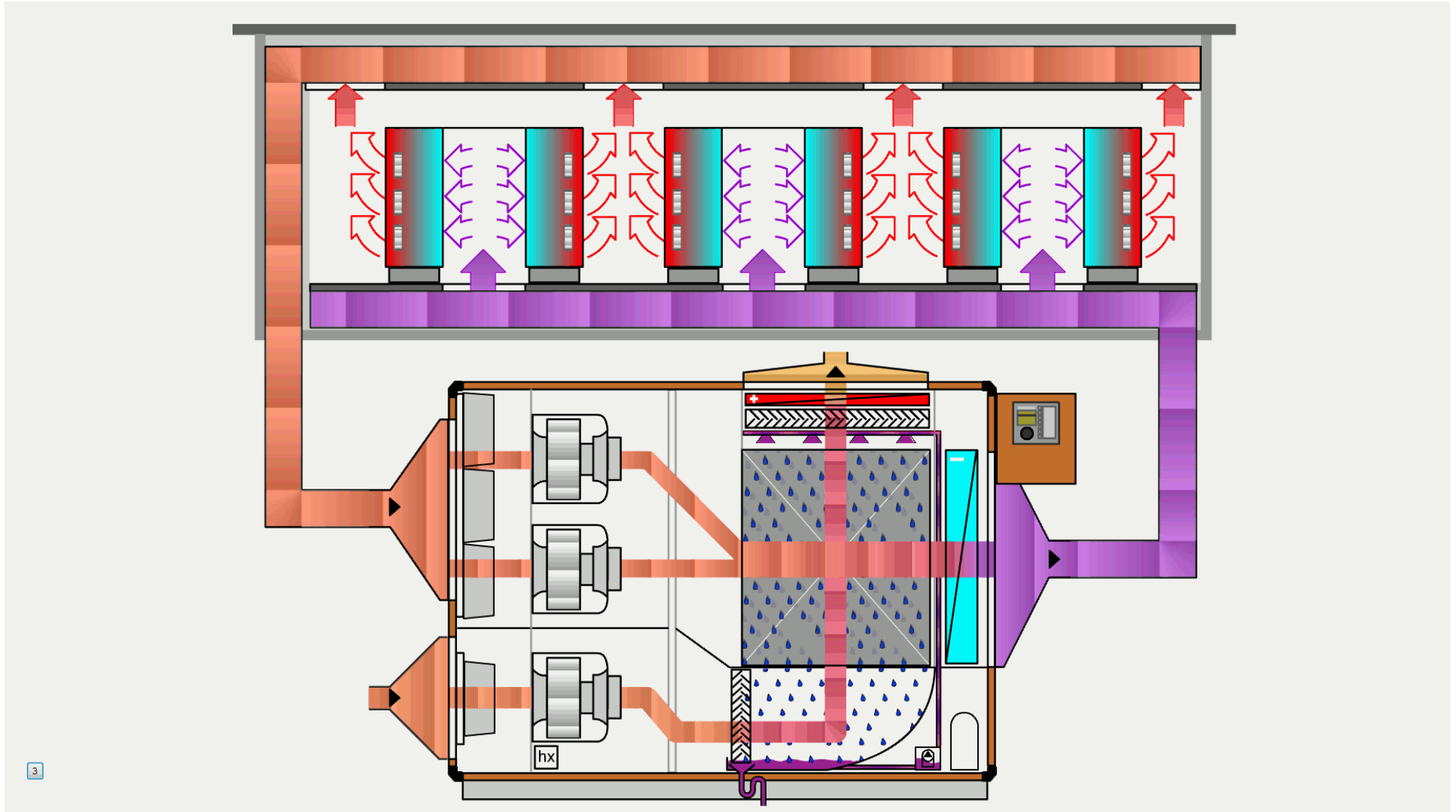
## Globālās sasilšanas potenciāls:

- R-134a GWP – 1430
- R-407c GWP – 1600
- R-410a GWP – 1725

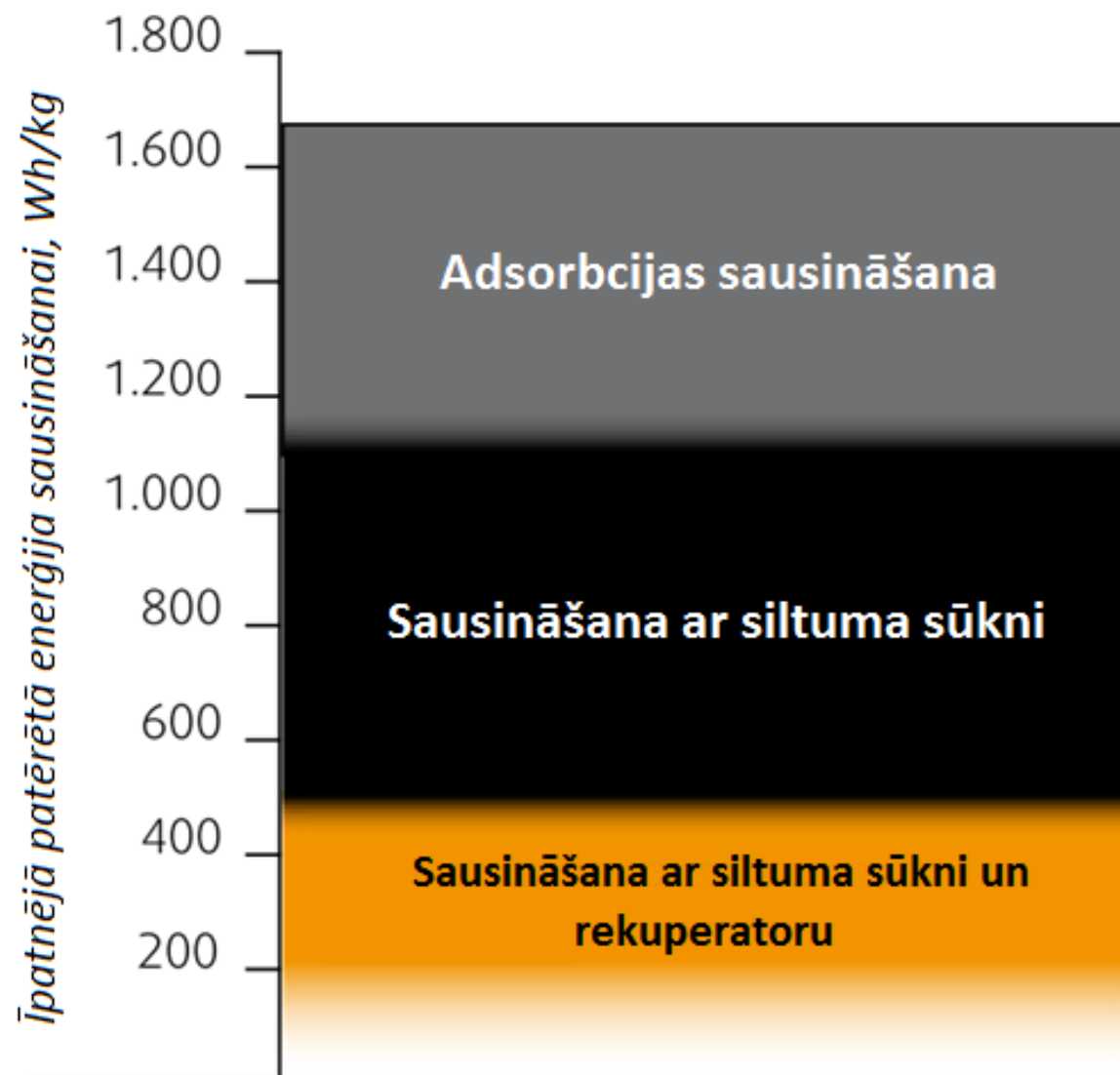
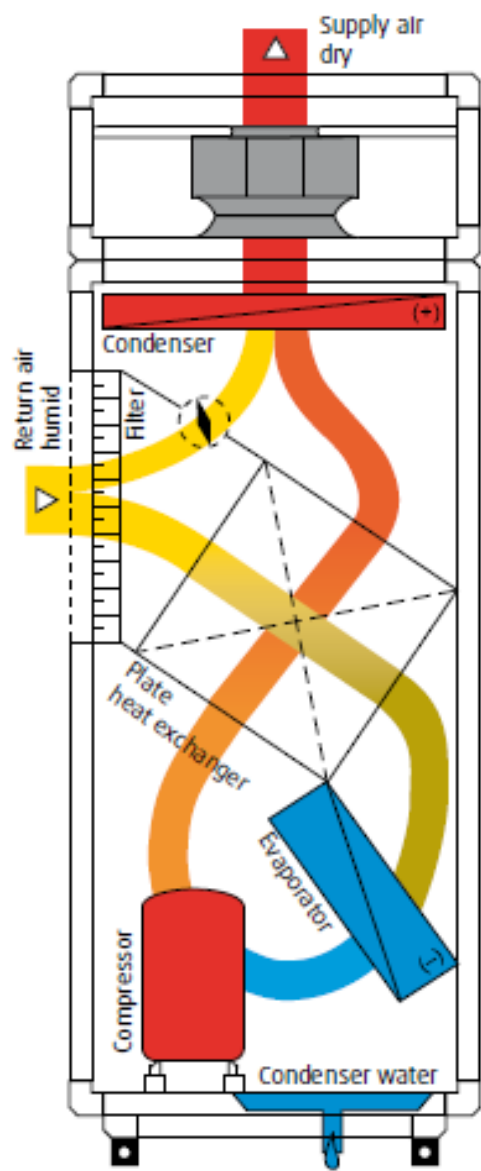
10. Domestic refrigerators and freezers that contain HFCs with GWP of 150 or more		1 January 2015
11. Refrigerators and freezers for commercial use (hermetically sealed equipment)	that contain HFCs with GWP of 2 500 or more	1 January 2020
	that contain HFCs with GWP of 150 or more	1 January 2022
12. Stationary refrigeration equipment, that contains, or whose functioning relies upon, HFCs with GWP of 2 500 or more except equipment intended for application designed to cool products to temperatures below – 50 °C		1 January 2020
13. Multipack centralised refrigeration systems for commercial use with a rated capacity of 40 kW or more that contain, or whose functioning relies upon, fluorinated greenhouse gases with GWP of 150 or more, except in the primary refrigerant circuit of cascade systems where fluorinated greenhouse gases with a GWP of less than 1 500 may be used		1 January 2022
14. Movable room air-conditioning equipment (hermetically sealed equipment which is movable between rooms by the end user) that contain HFCs with GWP of 150 or more		1 January 2020
15. Single split air-conditioning systems containing less than 3 kg of fluorinated greenhouse gases, that contain, or whose functioning relies upon, fluorinated greenhouse gases with GWP of 750 or more		1 January 2025

Alternatīvas	GWP	Riski
Ogļūdeņraži	3-5	Viegli uzliesmojoši
CO2	1	Augsts spiediens
Amonjaks	1	Toksisks
Ūdens	0	Nav risku
R32 (HFC)	675	Vidēji uzliesmojošs
HFO	4-9	Vidēji uzliesmojošs
R32-HFO maisījumi	200-400	Vidēji uzliesmojošs









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