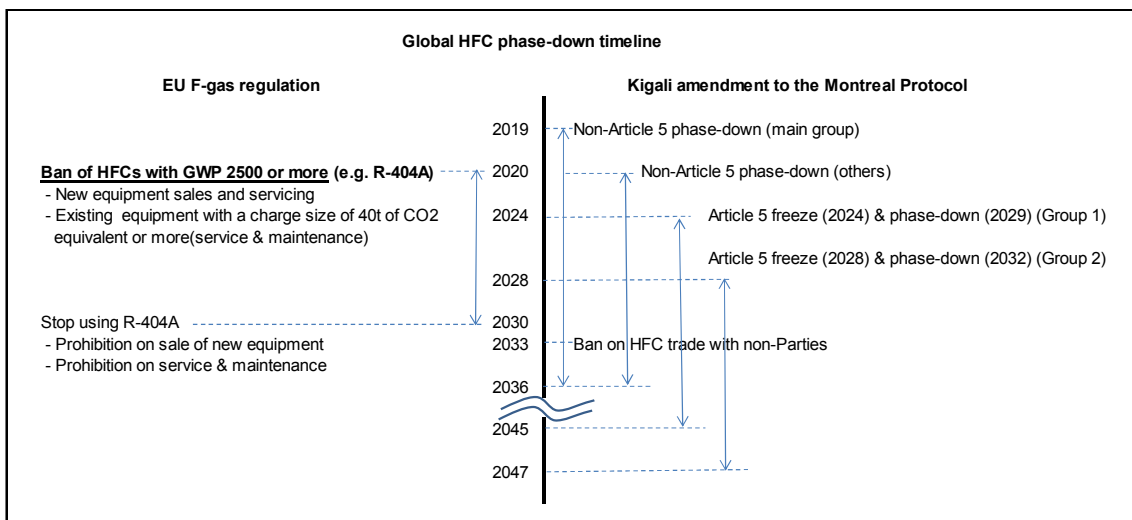


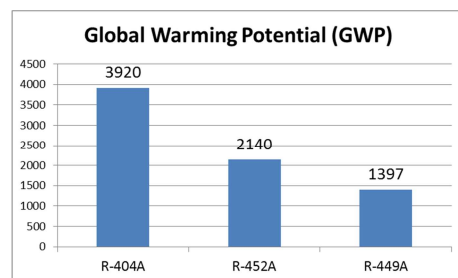
HFC refrigerant R-404A replaced by low GWP refrigerant R-449A

As a global leader in taking strong measures on F-gases (fluorinated greenhouse gases), ESPEC is starting to use very low Global Warming Potential (GWP) refrigerant R-449A in our main test chambers, which is a climate friendly alternative to HFC refrigerant R-404A that has a higher GWP of 3,920. This minimizes our chambers' potential environmental impact and is also in compliance both the EU "Regulation No 517/2014" (known as "F-gas Regulation"), and the Kigali Amendment on global phase-down of the consumption and production of HFCs, which is under the Montreal Protocol on substances that can deplete the ozone layer.



■ R-449A is the best choice alternative to R-404A

- Very low GWP: The new ozone safe refrigerant R-449A with GWP of 1,397 is a 64% reduction from R-404A (GWP 3,920).
- The same performance: The capabilities of the chamber containing R-449A stays the same, even with the more climate-friendly technology.



■ On-site retrofits are available

ESPEC can retrofit your existing chambers with suitable alternative low GWP refrigerant to extend the period of maintainability.

ESPEC is dedicated to reducing the environmental impact of our products through energy conservation, responsible handling of potentially hazardous substances, and adherence to regulations.