

Final F-GAS Legislation

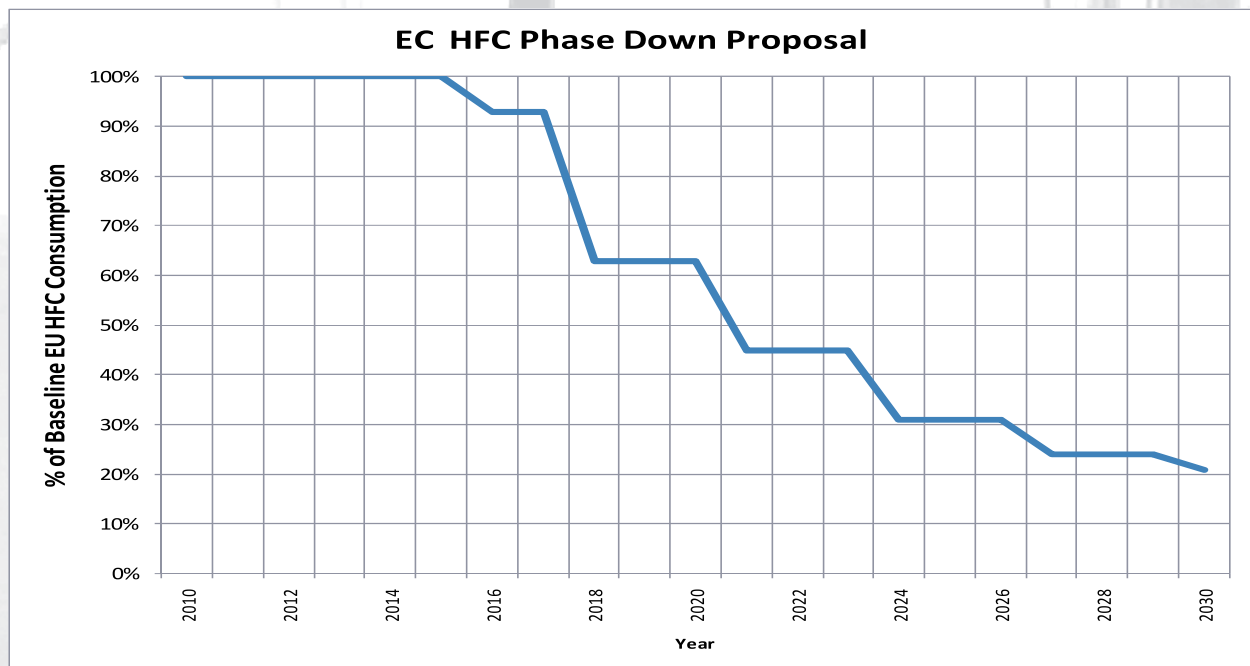
The new F-Gas regulation (No 517/2014) has now been passed and comes into force January 1st 2015. The Council of the European Union had published a proposal for a revised regulation on Fluorinated greenhouse gases - the final version being a compromise text between discussions with the Parliament and the Commission, and this was approved in April 2014.

Key Elements of the Final Regulation

1) Consumption Reduction

It has been agreed that the phase-down will remain as first suggested, with a 79% cut in consumption over a 15 Year period, summarised as follows:

| Years: | Percentage of Original amount permitted: |
|---------|--|
| 2015 | 100% |
| 2016-17 | 93% |
| 2018-20 | 63% |
| 2021-23 | 45% |
| 2024-26 | 31% |
| 2027-29 | 24% |
| 2030 | 21% |





2) Placing on the market – NEW Equipment Installation bans

| Products and Equipment: | Date of Prohibition: |
|---|------------------------------|
| Domestic refrigerators and freezers that contain HFCs with GWP of 150 or greater | January 1 st 2015 |
| Refrigerators and freezers for commercial use (hermetically sealed systems) containing HFCs with GWPs of 2500 and over | January 1 st 2020 |
| Refrigerators and freezers for commercial use (hermetically sealed systems) containing HFCs with GWPs of 150 or greater | January 1 st 2022 |
| Stationary refrigeration equipment that contains, or that relies upon for its functioning, HFCs with GWPs of 2500 or greater (except equipment for temperatures below -50 deg C) | January 1 st 2020 |
| Multipack centralised refrigeration systems for commercial use with a capacity of 40 kW or greater that contain, or that rely upon for their functioning, fluorinated greenhouse gases with GWP of 150 or greater (except in the primary refrigerant circuit of cascade systems, where fluorinated greenhouse gases with a GWP of less than 1500 may be used) | January 1 st 2022 |
| Movable room air-conditioning appliances (hermetically sealed equipment which is movable between rooms by the end user) that contain HFCs with GWP of 150 or greater | January 1 st 2020 |
| Single split air-conditioning systems containing less than 3 kg of fluorinated greenhouse gases, that contain, or that rely upon for their functioning, fluorinated greenhouse gases with GWP of 750 or greater | January 1 st 2025 |

3) Service and Maintenance Ban

| Products and Equipment: | Date of Prohibition: |
|---|------------------------------|
| The use of all VIRGIN Refrigerants with a GWP of 2500 or greater to service existing equipment with a charge size of 40MT CO ₂ e or greater | January 1 st 2020 |
| The use of all RECLAIMED Refrigerants with a GWP of 2500 or greater to service existing equipment with a charge size of 40MT CO ₂ e or greater | January 1 st 2030 |