New f-gas legislation – are you ready?

In January 2015, new European f-gas regulation comes into force that will affect everyone involved in refrigeration and air conditioning – from supermarkets to service engineers. But what will they mean for your business?

Below are just some of the new 2015 f-gas legislation:

<table>
<thead>
<tr>
<th>The target.</th>
<th>The challenge.</th>
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<tbody>
<tr>
<td><strong>60%</strong> EU aim for non-CO₂ greenhouse gas emissions reduction between 2005 and 2030.</td>
<td><strong>165,000,000</strong> Approximate quantity of HFCs (tonnes CO₂e) to be placed on the EU market in 2015 under cap and phase down regulation. (100%)</td>
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### Cap and phase down

- **63%** of baseline quantity of HFCs available in 2018 as measured in CO₂e.
- **21%** of baseline quantity of HFCs available in 2030 as measured in CO₂e.

### Service and maintenance bans

- **2500** GWP threshold for refrigeration service and maintenance ban.
- **40** tonnes of CO₂e threshold for refrigeration service and maintenance ban.

### Leakage control

- **5** Minimum system size (tonnes CO₂e) required to carry out leak checks in impacted equipment.
- **3** months leak check requirements – for larger systems with no leak detection system installed.

### Product and equipment bans

- **850** Maximum (in kg) annual SF₆ demand allowable for magnesium die-casting applications, prior to 2018 full use ban.
- **150** GWP threshold for domestic refrigerators and freezers. (2015)