CLIMATE POLLUTER ALERT!

THIS IS CRITICAL

Your rink's choice of cooling gases will determine its impact on our climate.

WARNING! Don't be misled by chemical producer claims promoting synthetic coolants as environmentally sustainable.

YOUR CHOICE

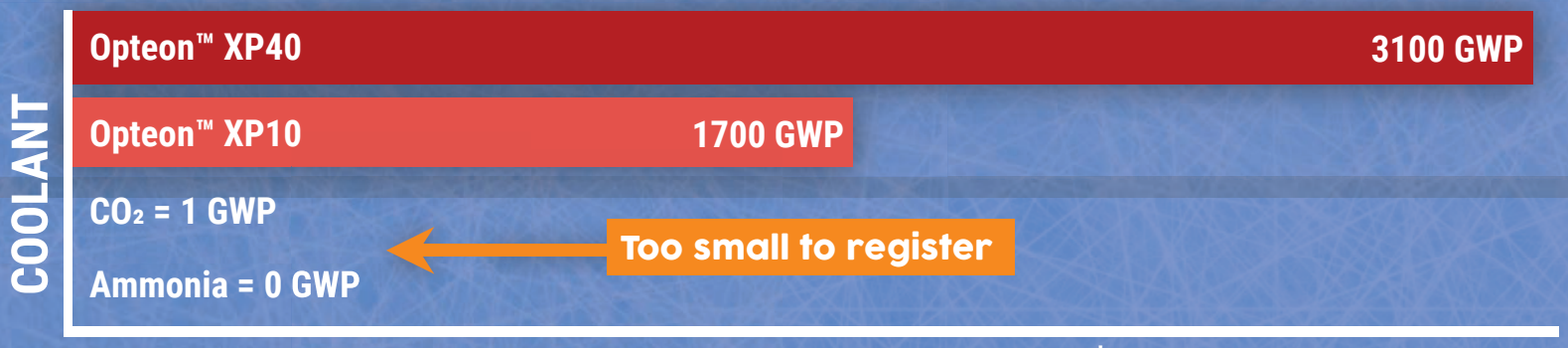
NATURAL COOLANTS

CO_2 or Ammonia

SYNTHETIC COOLANTS

HFCs or HFC-HFO blends such as Opteon™

COMPARING CLIMATE IMPACTS



SO, WHAT IS AN HFC?

HFCs, or hydrofluorocarbons, primarily used as refrigerants in cooling systems, are 'super pollutants' - the most destructive human-made greenhouse gases in the world.

*Global Warming Potentials compared to CO_2 in 20-year GWP

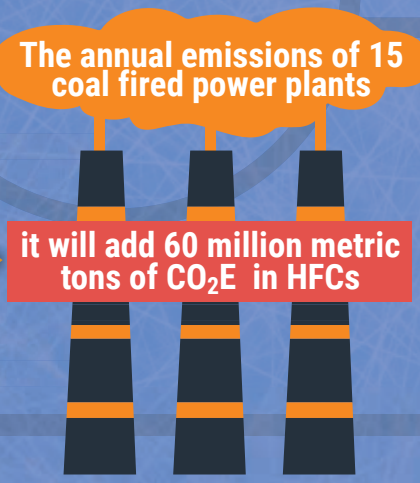
THE BAD NEWS



HFCs instead of ammonia

**Using Opteon™ XP10*

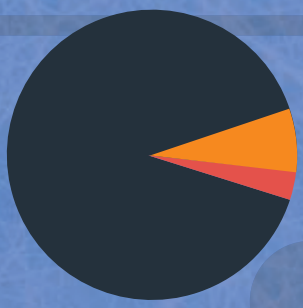
The annual emissions of 15 coal fired power plants



THE GOOD NEWS

Natural coolants keep the ice cold, the fans warm, and the players and accountants happy!

Most Canadian rinks already use natural refrigerants



- 90% Ammonia
- 7% Synthetics
- 3% CO_2

NHL players rank ammonia rinks #1 & 2 for ice quality!



The Bell Centre



Rogers Place

Natural refrigerants are cost-effective & energy-efficient



Read the North American Guide to Natural Refrigerants in Ice Arenas.

HFCs are being phased down



Natural refrigerants are future-proof from regulations phasing down HFCs

Read more

To find out more, read EIA's report



ON THIN ICE
How the NHL is Cheating the Climate

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