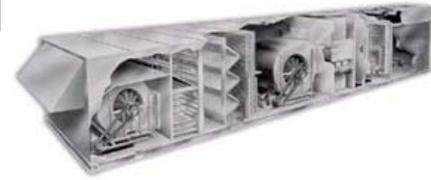


# Now In Production

November 1<sup>st</sup> 2005



## Future Refrigerants

Most of you know that CFCs and HCFCs and some other synthetic components deplete the ozone layer and are being phased-out. This was mandated by The Montreal Protocol in the late 1980s and agreed to by many countries including the U.S.

The industry was in the search for replacements for R-11 (Trichlorofluoromethane, CCl<sub>3</sub>F), R-12 (Dichlorodifluoromethane, CCl<sub>2</sub>F<sub>2</sub>), and now the good old reliable R-22 (Chlorodifluoromethane, CHClF<sub>2</sub>). R-22 will be phased-out by 2010 in new equipments.

In the past few years, **Seasons-4** has been using different types of hydrofluorocarbon (HFC) refrigerants and their mixtures, but none has been as efficient and reliable as R-22.



R-22



R-407c

R-22 ( HCFC) is being phased out in 2010.  
The most Popular refrigerant in the world today.

R-407c is a blend of R-32 (23%), R-125 (25%) and R-134A (52%). It can be dropped in an existing R-22 system, compressors require POE oil. It has a minimum of 8 deg F glide and about 5% to 6% performance loss.



R-134a

R-134a (tetrafluoroethane, CH<sub>2</sub>FCF<sub>3</sub>), one of Replacements for R-22 (not a drop-in), requires 25% to 30% increase in condensing section (coils & compressors) to match R-22.



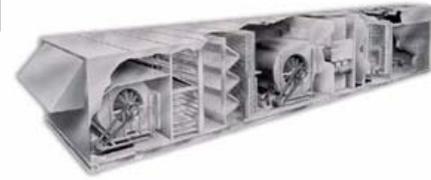
R-410a

R-410a is the newest girl in town; a blend of R-32 (50%) and R-125 (50%). It is a Replacement for R-22 (not a drop-in), operates at 500 to 600 PSI. Low performance in high- temp. ambient.



# Now In Production

November 1<sup>st</sup> 2005



Ladies and gentlemen this is your line up.  
You make the call?



The demand for R-22 refrigerant is still higher than any other refrigerant. Around 20% of **Seasons-4's** customers require alternate refrigerants, and the majority are supermarket customers.

Who knows what will happen by 2010. May be there will be a better alternative to R-22. Rest assured that **Seasons-4** will continue to be a leader in the industry in providing the latest refrigerant available.

If you are concern about the future of our industry and would like to stay ahead, **Seasons-4** will offer all the best alternatives for R-22.

The refrigerant line up will soon be missing  
One of it's oldest and finest players.....



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