

# DuPont Refrigerants

## R-22 OUTLOOK

### R-22 Shortfall Projected in 2010

#### Supply for R-22 is decreasing

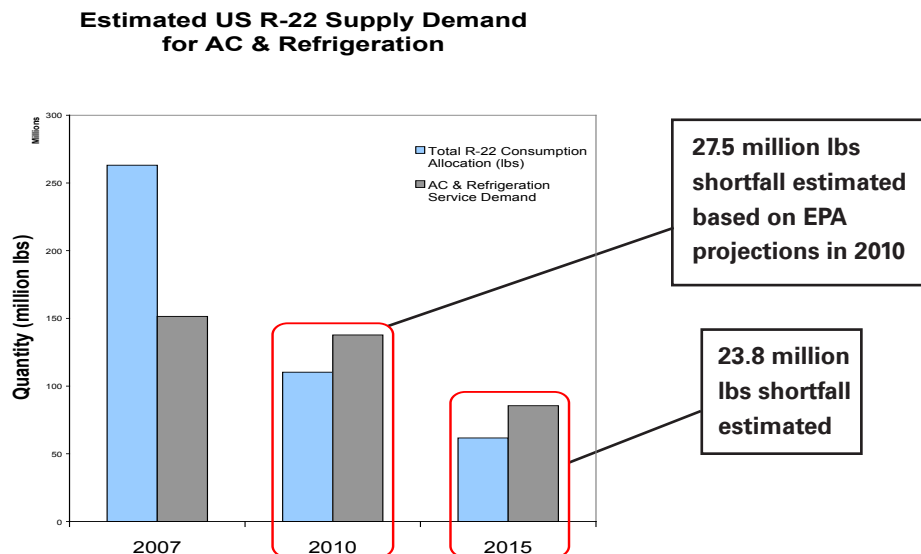
In 2010, R-22 service demand will exceed allowed virgin R-22 supply by 27.5 million pounds. This projection is based upon the latest EPA demand projections and recent proposed allowance rule. The next significant hydrochlorofluorocarbon (HCFC) stepdown will occur on January 1, 2010, as a result of the more aggressive phasedown of HCFCs agreed to under the Montreal Protocol. The 2010 HCFC consumption cap, including R-22, was reduced to 25% of the original cap (versus previous 35%).

#### Demand for R-22 remains strong

- Transition to new equipment with refrigerant alternatives like R-410A has been slower than anticipated.
- The 13 SEER minimum Seasonal Energy Efficiency Ratio adopted in 2006 increased the charge size for R-22 residential air conditioning units by 15 to 40%.

#### R-22 Estimates based upon EPA Projections in lbs

2010 Supply estimate adjusted to EPA Proposed Allowance Rule*	110 Million
2010 Demand estimate from U.S. Projected Servicing Needs**	137 Million



\*Based on December 23, 2008 EPA Allocation Draft Proposal to set HCFC limits to meet phasedown caps under the Montreal Protocol.

\*\*"The U.S. Phaseout of HCFCs: Projected Servicing Needs in the U.S. Air Conditioning and Refrigeration Sector," June 2008

## Dealers, service contractors and equipment owners should be taking appropriate action now, including implementing a refrigerant management plan to transition away from R-22

### A refrigerant management plan should include:

1. Repair all leaks
2. Recover and reclaim
3. Retrofit existing equipment to alternative refrigerants such as DuPont™ ISCEON® MO99™
4. Recommend new equipment with non-ozone depleting refrigerants such as DuPont™ Suva® 410A

### DuPont Refrigerants Reclaim Program details

As a product steward, DuPont Refrigerants is committed to provide products and services to assist our industry to move away from HCFCs, in particular R-22, to environmentally sustainable solutions like DuPont™ ISCEON®. DuPont has a reclaim program available to our network of refrigerant distributors. This program allows them an opportunity to offer services to take back used refrigerants from their customers. Our program is designed to be easy, convenient, and reliable.

With the accelerated phaseout of HCFCs, demand will likely exceed supply in 2010 and reclaimed R-22 will become a vital part of supply.

To find the DuPont Authorized Refrigerant Reclaim Center nearest you, call 877-MNAGE-22 (877-662-4322) or visit [refrigerants.dupont.com/manage22](http://refrigerants.dupont.com/manage22)

### Action you can take now

Stay up-to-date on EPA rules and regulations

Evaluate options to retrofit existing equipment from R-22 that offer:

- no ozone depletion
- lowest total cost of ownership
- energy efficiency
- low environmental impact

Recommend new equipment with alternative refrigerants

Recover all refrigerants and return through a certified reclaim program

Contact your DuPont Refrigerants Distributor for recommendations concerning alternative refrigerants readily available for retrofit

To locate a distributor nearest you,  
Contact: 1-877-683-3566  
[www.isceon.com](http://www.isceon.com)

The time to act is now. We're here to help.

Copyright© 2009 DuPont or its affiliates. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™, Suva®, ISCEON®, and MO29™ are trademarks or registered trademarks of E.I. du Pont de Nemours and Company or its affiliates.

NO PART OF THIS MATERIAL MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF DUPONT.

K-15798 01/09



*The miracles of science™*