

# Allied Representatives

Product Lines & Service

# + California AB32 & Why it Matters

- Climate change law
  - 1990 Levels by 2020
  - California Air Resources Board (CARB) empowered
    - High GWP gasses (HFCs, SF6...) part of early actions
      - 10.6 MMTCO<sub>2</sub>e total reduction target



# + California - Refrigerant Rule

| Refrigeration Systems | Record Keeping Begins 2011 Reporting Dates | Registration & Annual Fees | Monitoring (Full System leak checks) 2011 |
|-----------------------|--|----------------------------|---|
| >2,000 Pounds         | March, 2012                                | \$370 (2012)               | Monthly or Auto Leak Detection*           |
| >200 Pounds           | March, 2014                                | \$170 (2014)               | Quarterly or Leak Detection               |
| >50 Pounds            | Record Keeping but No Reporting            | \$0 (2016)                 | Annually or Leak Detection                |

- \*Stationary leak detection unit must be installed 2012
  - LD unit must be calibrated annually
  - Distinctions for units used in enclosed areas & for units only run periodically
- \*\*Report for previous year



# + California AB32- Leak Repairs

- Repairs must be made by California Certified Technicians (C-38, C-20) (some exceptions)
- Leak repairs must be made within 14 days
  - Specific exceptions for parts availability and industrial facilities
- Follow up leak repair verification (LRV)
  - When system at normal operating conditions
- Failed LRV
  - Process for forced retirement
    - 45 day period to prepare retrofit/retirement plan



# + California AB32- Record Keeping

- Records must be kept for 5 years
- Annual reports for all system activities
  - Results of mandatory inspections
  - Additions & Subtractions
  - Retrofits
  - Dates, who, what, why...
  - Leak detection calibrations
  - Refrigerant purchases



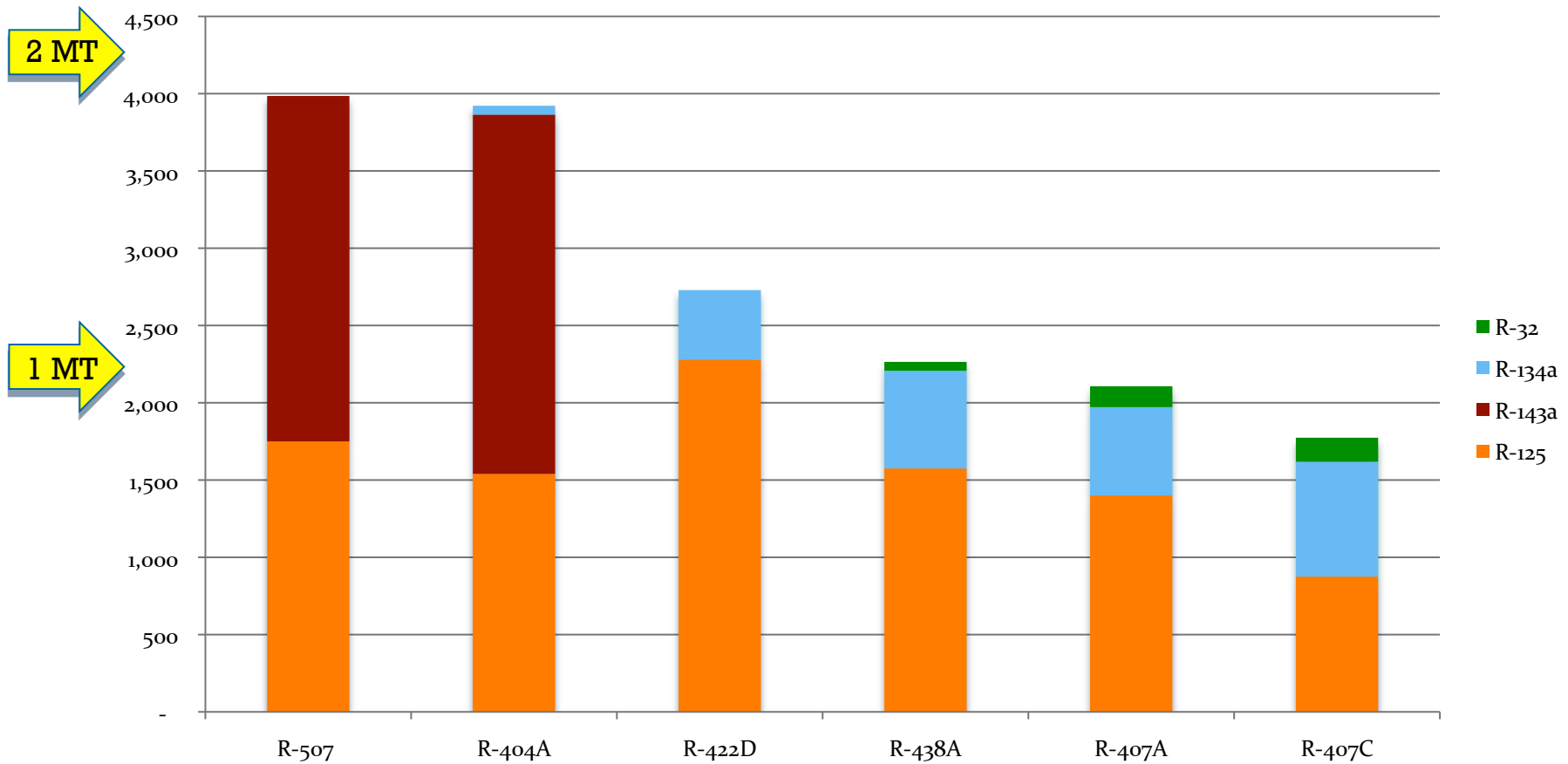
# + California AB32

- Facilities exempt from fees requirements if previous year:
  - All systems use EPA SNAP approved non- ozone depleting refrigerants
  - 1.25 pounds per 1,000 Btu/hour
  - Full facility annual leak rate <10%
- Or is a new facility meeting the following:
  - All systems use EPA SNAP approved non- ozone depleting refrigerants
  - 1.25 pounds per 1,000 Btu/hour



# + Refrigerant Choices

Popular Refrigeration Refrigerants by GWP



# + Contact Information

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Carbon Issues Website

[www.Carbonissues.com](http://www.Carbonissues.com)

Allied Product Lines:

- Drake Chillers
- Kysor Walk In Coolers
- Kramer Refrigeration Eq.
- Russell Refrigeration
- SRP Infrared Heating
- Verisae Refrigerant Tracking