Cool, Cold and Frozen Storage: Options

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ARCS
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With *Thanks* to Sarah Wagner

Benefits of Cold Storage

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Cold Storage Categories

	Room tem	perature	ca. 16 –	23 °C	%RH
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Benefits of Cold Storage

Cold Storage Categories

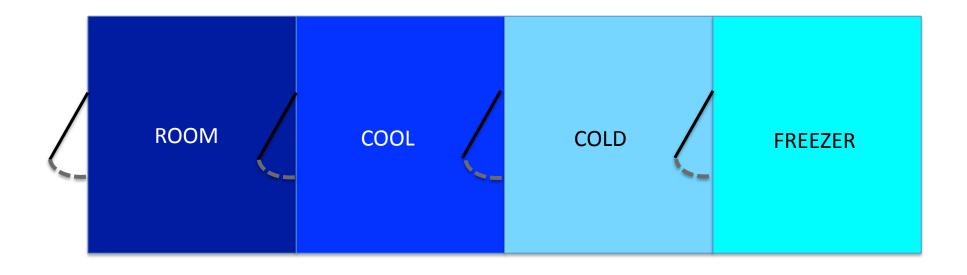
Room temperature ca. $16 - 2$	3 °C	%KH
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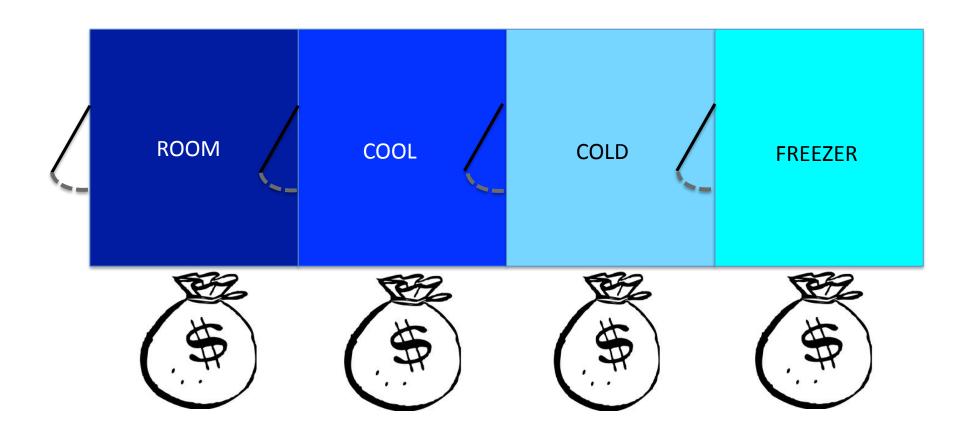
Factors to Consider

- Type of collection
- Urgency of need
- Collection use
- Budget & funding
- Maintenance staff and costs
- Monitoring, & malfunction response
- Long-term energy costs

Adjoining Storage Spaces



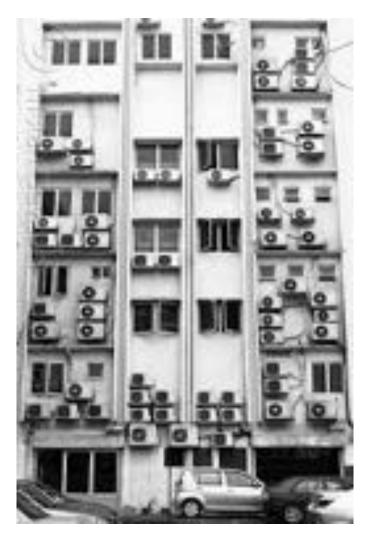
Adjoining Storage Spaces



Options

- Air conditioned room (cool)
- Stand-alone Refrigerator or Freezer Unit (cold or freezer)
- Custom-built Vault (cool, cold or freezer)

Options: Air conditioned room (cool)





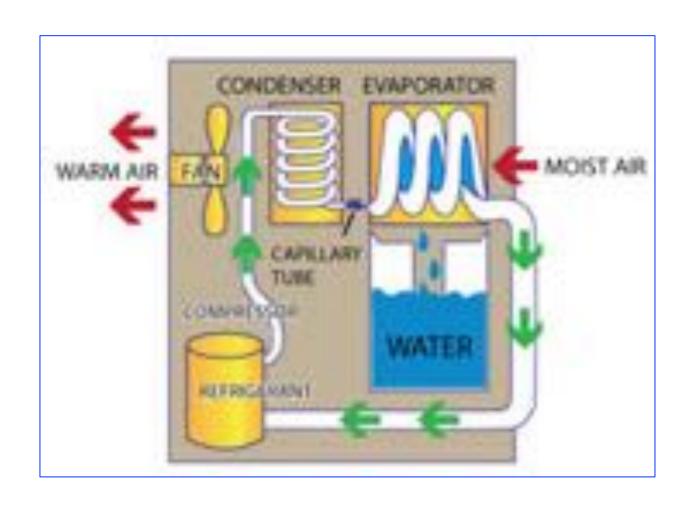


Options: Air conditioned room (cool)





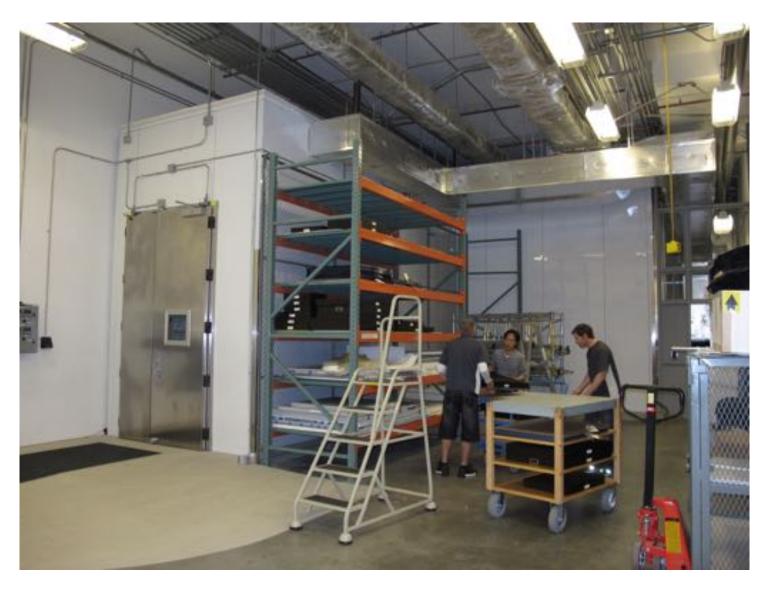
Dehumidifier Function involves Dew Point!



Options: Stand-alone Refrigerator or Freezer Unit



Custom-built Vault (cool, cold or freezer)



J. Paul Getty Museum



Custom-built Vault (cool, cold or freezer)

Marc Harnly, J. Paul Getty Museum





Custom-built Vault (cool, cold or freezer)

Marc Harnly, J. Paul Getty Museum



Envelope



Building Envelope

