



PROPANE Solutions for the Supermarkets and Discounters

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AHT Group











AHT's way using PROPAN

Development

- 1994/95 first cooperation with compressor manufacturer
- first test installation in supermarkets
- 2000 delivery of propane ice cream cabinets for the Olympic Summer Games, Australia
- 2002/03 first serial production of 1.000 ice cream cabinets
- 2003/04 (already) more than 10.000 cabinets in the field
- start of serial production for supermarket cabinets
- 2011 first bottle cooler with Propane VDE-certified
- 2014 risk assessment for >150 g solutions
- 2015 First installation of VENTO GREEN





AHT's cabinet portfolio in PROPANE







Supermarket installations worldwide







Brine connection

AHT CASE STUDY

VENTO GREEN

Multi deck for Supermarkets and Discounters

Electr. connection

- Plug in solution with PROPANE
- Refrigeration quantity > 150g
- Risk assessment
 - for all steps all over the life time
- TÜV Süd, KISC, VDE

GOAL for 2015

First installation of VENTO GREEN in the market



R290





The Double-Plug-In – VENTO GREEN solution



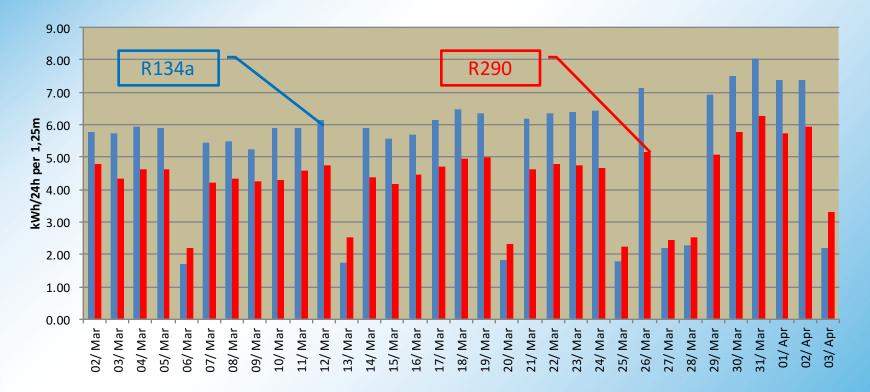








Energy consumption VENTO R134a – VENTO GREEN

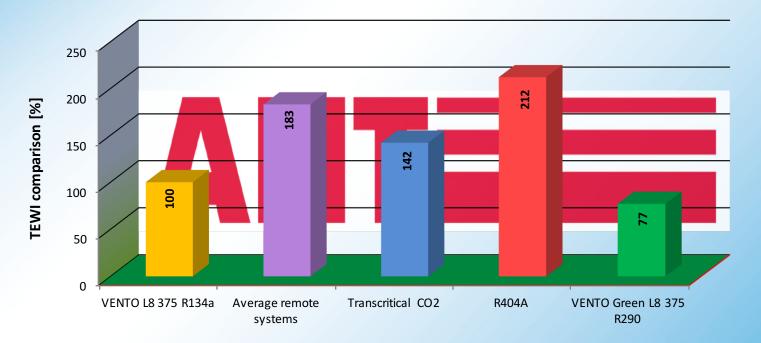






TEWI comparison

Market installation

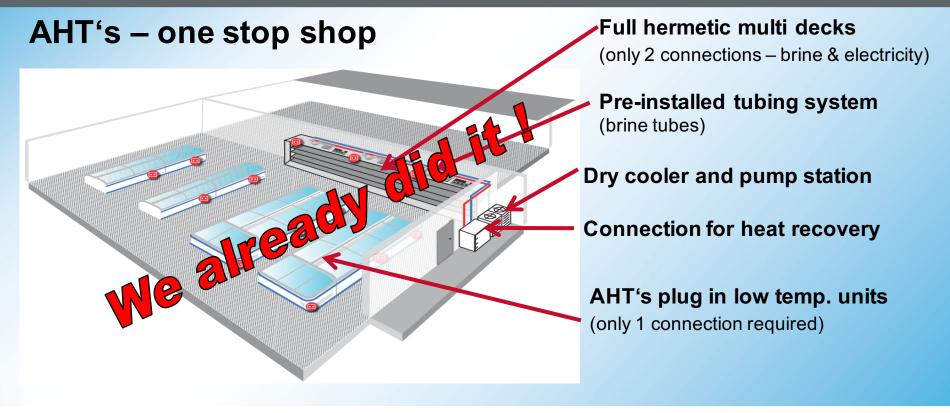


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AHT's plug in solution with **PROPANE**







Next generation VENTO GREEN-solution multi circuit





2-circuit-system



Refrigerant quantity < 150 g / circuit



Evaporator connection

Brine connection







Thank you

AHT – your "freshness partner" - worldwide

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