



ARIZONA



Rapid Recovery Partners With ACCA

Peoria, Ariz.: Rapid Recovery, a refrigerant recovery company servicing the continental United States, begins 2009 with promotion for ACCA-AZ members.

Rapid Recovery has been providing refrigerant abatement and documentation in Phoenix, Ariz., since 2002. ACCA-AZ is growing and always looking for quality companies that bring value added services to their members. Rapid Recovery is such a company. Focusing on the legalities of refrigerant recovery requirements and aiding their customers to be more efficient in the field and the office.

Les Rhynard of Rapid Recovery said, "ACCA promotes best practices and environmental stewardship. Rapid Recovery offers a best practice solution as well as documented environmental stewardship."

Through 2009 Rapid Recovery is offering ACCA members a 5 percent discount on all labor, and a special one-time only promotion to companies that join ACCA in 2009 of 50 percent off labor up to \$200.

Rapid Recovery plans to increase their involvement with ACCA-AZ throughout 2009. With the industry buzz about the shortage of R-22

approaching in 2010 it makes sense that ACCA-AZ would seek out a solution for their members.

Antoine Coffey, Executive Director of ACCA-AZ said, "ACCA has chosen Rapid Recovery as our preferred company... This program is another of the many advantages of belonging to the Air Conditioning Contractors of America-Arizona Chapter."

RSI Offers Binary STAR System

Phoenix, Ariz.: In a region that relies so heavily on air conditioning, Refrigeration School Inc. (RSI) in Phoenix has been turning out quality technicians to meet the HVAC industry's demand since 1965. As part of their training, RSI has long employed an electrical troubleshooting trainer. The E-STAR, as it is known, gives students hands-on experience that helps them hit the ground running after graduation.

Problem was, they left school without that same hands-on experience when it came to mechanical issues and their diagnoses.

In 2005, Richard Kunst, Dave Lloyd and Edwin Hergert, instructors at RSI, embarked on a process to build a breakthrough learning tool—a prototype mechanical troubleshooting trainer—a modified AC unit that an instructor could program multiple problems into. Students would be able to diagnose a problem, and immediately be faced with another problem programmed into the system by the instructor. Through repetition, students would gain invaluable

field-type experience.

The result is the M-STAR. It joins the E-STAR in what RSI is calling the Binary STAR System.

The M-STAR can simulate a refrigerant restriction, overcharge and undercharge conditions, Thermostatic Expansion Valve (TXV) overfeed and underfeed, bad compressor valves, evaporator air flow restriction, high evaporator load and reduced condenser air flow.

RSI hopes soon to have the M-STAR capable of simulating a low side restriction, a high heat load and a "hunting" TXV. The system currently has the ability to run as a TXV system or Capillary Tube system showing students that faults are not limited to only one type of system.

"We'll have the M-STAR in



M-STAR co-developer Edwin Hergert, left, explains to Jon Cline, Jr. how the unit works. The mechanical troubleshooting trainer can simulate numerous problems from a refrigerant restriction to bad compressor valves. RSI plans to begin using the M-STAR in the classroom beginning in the summer of 2009.

the classroom this coming summer," said Hergert. "We won't be graduating the best techs when it comes to electrical problems—but also the best when it comes to diagnosing mechanical problems. We truly will have the most well-rounded graduates."

TEXAS



Trane Featured on Science Channel Program 'How It's Made'

Tyler, Texas: Ever wish there was an easy way to educate your customers about air conditioning? Now there's an easy way to show them what goes on behind the scenes when putting together a premier air conditioning unit.

Trane was recently showcased on the Science Channel's "How It's Made" national program. The segment featured, from start to finish, the many stages of the manufacturing process for a Trane air conditioner, including the production of Trane's Spine Fin aluminum coils, the assembly of the refrigerant circuits and exterior casing for Trane air conditioners, and a behind-the-scenes look at the Trane Residential Systems facility and its System Extreme Environmental Test Center.

Trane's rigorous real-world test